



SRNT

2016

PROGRAM

CHICAGO, IL, USA

MARCH 2-5, 2016





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# MESSAGE FROM THE PROGRAM CHAIR

Dear Colleagues,

On behalf of the SRNT Program Committee, we welcome you to the 22nd Annual Meeting of the Society for Research on Nicotine and Tobacco (SRNT), in the wonderful city of Chicago!

As always the meeting offers you a transdisciplinary collection of cutting-edge science across the full spectrum of basic and applied research on nicotine and tobacco. This year there will be presentations on a number of pivotal clinical trials, plus hot topics in the field of genomics, biomarkers, cue reactivity, marijuana and tobacco use, e-cigarettes, cigar use, waterpipes, smokeless tobacco, tobacco regulation, and modeling. However, you will notice this year that there is a strong focus on tobacco use disparities and vulnerable populations. Whilst the overall smoking prevalence is reducing in many high-income countries, high rates of smoking persist in certain subgroups. These populations need to be a focus of tobacco control policies and interventions moving forward, so that “no man is left behind” in our efforts to reduce smoking prevalence. In this manner equity is the focus, not just equality.

Several key highlights for the meeting are:

Wednesday, March 2, 2016

6:15 p.m.-7:15 p.m.

## KEYNOTE SPEAKER

### ***Optimizing The Public Health Impact of Tobacco Taxes***

Professor Frank J. Chaloupka, PhD

Distinguished Professor of Economics & Public Health Director,  
Health Policy Center University of Illinois at Chicago

Thursday, March 3, 2016

8:30 a.m.-9:30 a.m.

## **Clinical Theme Lecture and Ove Fernö Award Winner**

### ***What I Think I Know, and What I Don't***

Professor Timothy Baker, PhD

University of Wisconsin-Madison, School of Medicine and Public Health, Madison

Thursday, March 3, 2016

3:00 p.m.-4:00 p.m.

## **Pre-Clinical Theme Lecture**

### ***Translational Research in Nicotine Dependence: A New Target for an Old Drug***

Professor Julie Blendy, PhD

University of Pennsylvania Medical School, Philadelphia

Thursday, March 3, 2016

6:00 p.m.-7:15 p.m.

## **Presidential Symposium**

### ***Highlighted Findings from Wave 1 of the Population Assessment of Tobacco and Health Study***

Andrew Hyland, PhD

Roswell Park Cancer Institute

Friday, March 4, 2016

8:30 a.m.-9:30 a.m.

## **Public Policy Theme Lecture**

### ***A Failure of Mission – Distinguishing Nicotine From Tobacco***

Professor Ann McNeill, PhD

National Addiction Centre, King's College London, UK



Friday, March 4, 2016

4:30 p.m.-5:30 p.m.

**Epidemiology and Public Health Themed Lecture  
Current U.S. Tobacco Education Campaigns: A Synthesis of  
Evidence from Formative and Outcome Studies**

*Donna Vallone, PhD, MPH, Chief Evaluation Science and Research Center Officer, Truth Initiative; Tesfa Alexander, PhD, Director of Research and Evaluation in the Office of Health Communication and Education of the U.S. Food and Drug Administration's (FDA) Center for Tobacco Products (CTP); Bob Rodes, MS, MBA, Med, Team Lead for the Research, Evaluation and Technical Assistance Team (RETA) in the Health Communications Branch (HCB) at the Centers for Disease Control and Prevention's Office on Smoking and Health (OSH).*

Also, not to be missed:

- The Opening Reception on Wednesday, March 2, from 7:15 p.m.-8:15 p.m., which will include hors d'oeuvres. All attendees are welcome!
- The Opening Remarks and Awards Ceremony on Thursday, March 3, from 8:00 a.m.-8:30 a.m., with special recognition of SRNT awardees: President's Award Winner, Dr. Ovide Pomerleau; John Slade Award Winner, Dr. Matt Myers; Jarvik-Russell Award Winner, Dr. Hayden McRobbie; and Ove Fernö Award Winner, Dr. Timothy Baker.
- The SRNT Members' Meeting on Friday, March 4, 7:30 a.m.-8:30 a.m.
- New Investigator session, Friday, March 4, 3:00 p.m.-4:15 p.m.
- For meeting attendees arriving early, there are eight pre-conference workshops that will be held on Wednesday, March 2 (available at an additional fee). These include:
  - The Changing Landscape of Nicotine and Tobacco Use: What Tobacco Treatment Clinicians and Researchers Need to Know
  - Strengthening Tobacco Research Capacity in Low- and Middle-Income Countries: Strategies, Challenges, and Lessons Learned
  - Building an Evidence Base For Reducing Smoking Disparities Between Indigenous and Non-Indigenous Peoples
  - Tobacco Control in a Rapidly Changing Media Environment
  - Tobacco Industry Documents Research and the Global Health Justice Movement
  - Perspectives on Nicotine: Science and Policy
  - NIH and FDA Funding Opportunities for Early Career Researchers
  - Statistical Analyses of Complex Surveys with Replicate Weights Using SAS Survey Package
- To follow, and as part of the general registration, please join us for the highly interactive Transdisciplinary Topical Discussions on Wednesday afternoon from 3:30 p.m.-4:30 p.m.:
  - Ethical implications of factoring in tobacco use in hiring and insurance policies



- Should clinicians counsel tobacco users to reduce or quit through the use of Electronic Nicotine Delivery Systems (ENDS)?
- The future of nicotine
- What do we need to develop better measures of e-cigarette use, dependence, perceptions, and policy?
- What does the endgame for ending the tobacco epidemic look like?

Over the past six months, with a record number of **almost 1,000** abstract submissions including rapid, we have worked thoughtfully to create a timely and high-quality scientific program spanning the full breadth of the nicotine and tobacco research field. Our early registration numbers indicate attendance may break new records, being even higher than last year's meeting in Philadelphia. Back by popular demand, we are utilizing eight consecutive rooms during podium presentations, so yes, we anticipate hearing it was hard to choose! Additionally, we have created rapid-fire sessions (more talks in shorter time allotments) paired with poster presentations that follow to facilitate further dialogue with the authors.

We encourage you to attend sessions that stretch and expand your expertise, that you engage the company of your colleagues and seek out new connections, and importantly, that you enjoy the meeting and the City of Chicago!

Kind Regards,

**Natalie Walker**, PhD  
*Program Chair*

**Maciej L. Goniewicz**, PhD, PharmD, and  
**Rachel Grana**, PhD, MPH  
*Program Co-Chairs*



## PROGRAM COMMITTEE

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**1996**

President: John Hughes, PhD  
Program Chair(s): Steve Heishman, PhD, Chair

**1997**

President: Neal Benowitz, MD  
Program Chair(s): Steve Heishman, PhD, Chair

**1998**

President: Maxine Stitzer, PhD  
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**1999**

President: Jack Henningfield, PhD  
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**1999-2000**

President: Dorothy Hatsukami, PhD  
Program Chair(s): David Wetter, PhD, Chair

**2000-2001**

President: William Corrigall, PhD  
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**2001-2002**

President: Kenneth Perkins, PhD  
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**2002-2003**

President: Harry Lando, PhD  
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**2003-2004**

President: Nancy Rigotti, MD  
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**2004-2005**

President: Ken Warner, PhD  
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**2007-2008**


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**2008-2009**


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**2009-2010**


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**2011-2012**


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**2013-2014**


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**2015-2016**


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## SRNT SUPPORTERS

The Society has received funding from the following organizations in support of SRNT's mission to stimulate the generation and dissemination of new scientific knowledge concerning nicotine and tobacco in all their manifestations, from molecular to societal. This support helps to underwrite the work of the Society and our gratitude is extended to each one.

SRNT Sponsors:

**Battelle**

**Pfizer, Inc.**

**Westat**

Supporters of the 2016 Health Disparities Network Travel Awards

**Clearway Minnesota**

**Oklahoma Tobacco Research Center**

**Truth Initiative**

**University of California Office of the President**

Please note: Symposia that take place in advance of the meeting, after the meeting's conclusion, or during evening hours are not part of the SRNT Official Program unless specifically noted. The Program Committee has not reviewed the scientific content of Satellite Symposia. Satellite Symposia presenters are responsible for providing disclosures during their session.

## REGISTRATION

Conference registration will be open daily located on the Ballroom Level 4 of the hotel during the Annual Meeting. Specific locations and the hours for the registration desk at the conference are as follows:

Tuesday, March 1 (Chicago Ballroom 10) . . . 6:00 p.m.-8:00 p.m.

Wednesday, March 2 (Chicago Ballroom 10) . . 7:00 a.m.-8:00 p.m.

Thursday, March 3 (Ballroom Promenade). . . 7:00 a.m.-5:00 p.m.

Friday, March 4 (Ballroom Promenade) . . . . 8:00 a.m.-5:00 p.m.

Saturday, March 5 (Ballroom Promenade) . . . 8:00 a.m.-1:00 p.m.

## BADGES

Your badge will admit you to all of the educational sessions and the poster session at the Annual Meeting. ***Wear your badge at all times. Thank you.***

## INTERNET ACCESS

Complimentary Internet access (included in your room rate) is available in all guest sleeping rooms. The hotel also offers complimentary Internet in the Link at the Sheraton Cafe located on Level 2. Complimentary high-speed Internet also is available in the hotel meeting space on Levels 2 and 4 only from Tuesday, March 1 to Saturday, March 5, for all SRNT attendees.



### EDUCATIONAL OBJECTIVES

- Address nicotine and tobacco's role in the changing health care environment.
- Describe new research and clinical data on the effects of nicotine and tobacco.
- Discuss recent advances in nicotine and tobacco research.
- Highlight international research on tobacco control.
- Through scientific exchange, integrate current research with implications for clinical practice.

### TARGET AUDIENCE

The 22nd Annual Meeting of SRNT is geared toward individuals involved in the research of nicotine and tobacco. This includes basic, clinical, policy, and public health scientists from academia, government, and industry.

### CONTINUING EDUCATION CREDIT FOR PSYCHOLOGISTS

Continuing education credits have been approved for licensed psychologists. Postgraduate Institute for Medicine (PIM) is approved by the American Psychological Association to sponsor continuing education for psychologists. PIM maintains responsibility for this program and its content. Full attendance at the sessions and evaluation of each individual session attended is required to receive CE credit for psychologists. Partial credit will not be awarded. Late arrivals or early departures will preclude awarding of CE credits.

### CONTINUING EDUCATION CREDIT FOR PHYSICIANS

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Penn State College of Medicine and the Society for Research on Nicotine and Tobacco. Penn State College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Physicians who have completed an MD, DO, or equivalent medical degree from another country, or who have obtained a Fifth Pathway certificate, are eligible to receive *AMA PRA Category 1 Credit(s)*™.

### REQUIREMENTS TO RECEIVE CREDIT

Evaluation of the sessions is integral to the education process. To receive CE credit, participants are required to:

1. Complete the attendance form, indicating only those sessions attended in their entirety;
2. Complete the overall evaluation form and individual evaluations. Psychologists are required to sign in and sign out for all sessions attended; and
3. Return the forms to the registration table to receive their Certificate of Attendance.



## LUNCHES

Boxed lunches will be served on Wednesday, Thursday, and Friday (see below). Bring your badge with you, as it will serve as your ticket for lunch.

### Wednesday, March 2, 2016

All Pre-Conference Workshop attendees are entitled to a boxed lunch. The lunches will be available for distribution in the Riverwalk A meeting room (River Exhibition Level 1) starting at 11:45 a.m.

### Thursday, March 3, 2016

Boxed lunches will be distributed in the Riverwalk B meeting room (River Exhibition Level 1) starting at 11:15 a.m. Plan to attend Poster Session 1 while eating your boxed lunch!

### Friday, March 4, 2016

Boxed lunches will be distributed in the Riverwalk B meeting room (River Exhibition Level 1) starting at 11:15 a.m. Plan to attend Poster Session 3 while eating your boxed lunch!

## POSTER SESSION SETUP SCHEDULE

Poster sessions have specific times designated for the authors to be present to discuss their posters with attendees in the Riverwalk B meeting room (River Exhibition Level 1) at the Sheraton Grand Chicago Hotel.

### Poster Schedule

#### Thursday, March 3, 2016

##### Poster Session 1

9:30 a.m.-10:00 a.m. .... Presenters set up posters

**11:30 a.m.-1:00 p.m. .... Poster Session 1**  
**Presenters available at their poster**

1:00 p.m.-2:00 p.m. .... Presenters remove posters

##### Poster Session 2

2:30 p.m.-3:00 p.m. .... Presenters set up posters

**4:30 p.m.-6:00 p.m. .... Poster Session 2**  
**Presenters available at their poster**

6:00 p.m.-7:00 p.m. .... Presenters remove posters

#### Friday, March 4, 2016

##### Poster Session 3

9:30 a.m.-10:00 a.m. .... Presenters set up posters

**11:30 a.m.-1:00 p.m. .... Poster Session 3**  
**Presenters available at their poster**

1:00 p.m.-2:00 p.m. .... Presenters remove posters

##### Poster Session 4

2:30 p.m.-3:00 p.m. .... Presenters set up posters

**5:30 p.m.-7:00 p.m. .... Poster Session 4**  
**Presenters available at their poster**

7:00 p.m.-8:00 p.m. .... Presenters remove posters





## Saturday, March 5, 2016

### Poster Session 5: Rapid Response Posters

9:30 a.m.-10:00 a.m. . . . . Presenters set up posters

**11:30 a.m.-1:00 p.m. . . . . Poster Session 5**

1:00 p.m.-2:00 p.m. . . . . Presenters remove posters

## SPEAKER READY ROOM

### Important Information for All Oral Presentations:

The Speaker Ready Room is located in the Ballroom Office (Level 4). Each speaker using computerized audio-visual equipment for their presentation at the 2016 Annual Meeting must report to the Speaker Ready Room to load their presentation on the laptop computer that will be used in their session room. Please review the following schedule and make note of these important times:

If Your Presentation Date/ Time is.....	Then Your Time to Load Your Presentation is....
Thursday, March 3 between 8:00 a.m.-12:00 noon	Report to the Speaker Ready Room no later than 8:00 p.m. on Wednesday, March 2
Thursday, March 3 between 1:00 p.m.-5:00 p.m.	Report to the Speaker Ready Room no later than 11:00 a.m. on Thursday, March 3
Friday, March 4 between 8:00 a.m.-12:00 noon	Report to the Speaker Ready Room no later than 3:00 p.m. on Thursday, March 3
Friday, March 4 between 1:00 p.m.-5:00 p.m.	Report to the Speaker Ready Room no later than 11:00 a.m. on Friday, March 4
Saturday, March 5 between 8:00 a.m.-11:15 a.m.	Report to the Speaker Ready Room no later than 3:00 p.m. on Friday, March 4

A technician from our audio-visual company will be available in the Speaker Ready Room to assist you. The Speaker Ready Room will be open at the following times:

Wednesday, March 2 . . . . . 1:00 p.m.-8:00 p.m.

Thursday, March 3 . . . . . 7:00 a.m.-5:00 p.m.

Friday, March 4. . . . . 7:00 a.m.-5:00 p.m.

Saturday, March 5 . . . . . 7:00 a.m.-10:00 a.m.

## CONFERENCE EVALUATION

An overall program evaluation will be emailed to all Annual Meeting participants following the conference. Your feedback is greatly appreciated!

**MEMBERS' MEETING**

The SRNT will be holding its Members' Meeting on Friday, March 4, from 7:30 a.m.-8:15 a.m. in Ballroom 10 (Level 4). All SRNT members are encouraged to attend.

**2015-2016 SRNT BOARD OF DIRECTORS****President**

Robin Mermelstein, PhD

**President-Elect**

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**Member Delegate, AAOLA 2014-2017**

Naoruart Charoenca, PhD

**Member Delegate, North America 2013-2016**

Judith Prochaska, PhD, MPH

**FUTURE SRNT MEETINGS****SRNT 23<sup>rd</sup> Annual Meeting**

March 7-11, 2017

Firenze Fiera Congress & Exhibition Center, Florence, Italy

**SRNT 24<sup>th</sup> Annual Meeting**

February 21-24, 2018

Hilton Baltimore, Baltimore, Maryland

**SRNT 25<sup>th</sup> Annual Meeting**

February 20-24, 2019

Hilton San Francisco, San Francisco, California

**SRNT 26<sup>th</sup> Annual Meeting**

March 11-14, 2020

Hilton New Orleans Riverside, New Orleans, Louisiana

**CONFERENCE SAFETY RULES AND GUIDELINES**

To ensure the safety and security of our attendees and guests, we have composed the following list of safety rules and guidelines for this conference.

1. When inside the conference venue, nametags should be worn and visibly displayed at all times. For security reasons, we recommend that you **DO NOT** wear your badge outside of the conference venue. If you lose your badge, please notify registration immediately.
2. If you witness a disruption or security issue, please contact any member of the SRNT staff or hotel security. If you see actions that appear threatening, contact security at once. Hotel emergency number: **#88** from any house phone.
3. Please do not leave any bags or articles unsecured in any display area, meeting room, or public area.
4. The Sheraton Grand Chicago is a non-smoking facility – no smoking in any part of the building. Smoking and tobacco products are not permitted in the conference facility areas meeting rooms
5. Do **NOT** open any fire exit or other access door to any person. Access to the conference is strictly for members and registered conference guests. All access to display areas, meetings, and symposia is through the appropriate entrance doors.
6. If you note any suspicious articles, packages, persons, or activity please contact the event staff or security immediately.
7. Do not give your lodging information to any person. You should not open your room door or grant access to any person claiming to be with the event or hotel staff without proper identification. If you have any doubt, do not open your room door and contact the front desk or hotel security.
8. When venturing outside of the conference facility, take reasonable care to protect yourself. Whenever possible, travel with another person. Remove any conference ID badges and make sure that someone knows where you are going and when you expect to return.
9. In the event of a medical or other emergency, dial 911 or contact hotel security by dialing **#88** from any house phone. You may also notify any SRNT or hotel staff person.
10. Hotel emergency procedures, including evacuation routes and emergency numbers are listed in your hotel information guide in your room. We strongly recommend that you review these procedures.
11. Take precautions to protect your personal information. Do not discard your conference materials, receipts, or other personal information without destroying it first. Any documents containing account numbers, social security numbers or other non-public personal information should not be discarded in public trash receptacles.
12. Attendees at this conference are expected to maintain a level of decorum appropriate to the nature and purpose of our meeting. While exchange and debate is welcome where appropriate, any person who is disruptive or abusive in language or manner will be removed and barred from further conference proceedings.
13. Photography is not permitted at the conference. We reserve the right to inspect any and all packages or bags.

**REMEMBRANCES OF PIONEERS FOR WHOM SRNT'S 2016 AWARDS ARE NAMED**

SRNT's annual awards presentation will be Thursday, March 3, at 8:00 a.m. in Ballroom 6 (4th Floor). Our awards are named after pioneers in the field of nicotine and tobacco research and we are pleased to remember those pioneers.

**PRESIDENT'S AWARD**

*2016 Award Recipient:*

Ovide Pomerleau, PhD

**THE JOHN SLADE AWARD**

The John Slade Award honors individuals who have made outstanding contributions to public health and tobacco control through science-based public policy and public advocacy.

*2016 Award Recipient:*

Matthew L. Myers  
President, Campaign for Tobacco-Free Kids

**JOHN SLADE**

Dr. John Slade was an expert on the treatment of alcohol, tobacco and drug addiction, and one of America's pioneer advocates for tobacco control.

He was a member of the team that conducted the first scholarly analysis of previously secret documents from the Brown and Williamson Tobacco Company, which formed the basis for the film *The Insider*. John's analysis led to a landmark series of articles in the *Journal of the American Medical Association* in 1995 as well as a book, *The Cigarette Papers*. His groundbreaking research to prove that cigarettes are nicotine delivery devices helped make it possible for the Food and Drug Administration to claim regulatory authority over tobacco products under then-FDA Commissioner Dr. David Kessler.

John was appointed Professor of Medicine, Robert Wood Johnson Medical School of the UMDNJ in 1998. He emerged as a leader in substance abuse prevention and tobacco control for the state of New Jersey through his teaching and clinical work as well as through his active involvement with the Medical Society of New Jersey and the New Jersey Public Health Association. John played a major role in helping New Jersey develop its tobacco prevention and treatment program, funded as part of the 1998 \$206 billion settlement with tobacco companies.

He co-edited the first major clinical textbook on nicotine addiction and founded the Committee on Nicotine Dependence of the American Society of Addiction Medicine (ASAM).

**THE JARVIK-RUSSELL NEW INVESTIGATOR AWARD**

The Jarvik-Russell Young Investigator Award, named after Murray Jarvik and Michael Russell, recognizes scientists early in their careers who have made extraordinary contributions to the field of nicotine and tobacco research.

*2016 Award Recipient:*

Hayden McRobbie, MB, ChB, PhD  
Queen Mary University, London  
Wolfson Institute of Preventative Medicine



## **MURRAY E. JARVIK**

Dr. Murray Jarvik was born in New York City in 1923. Following medical school, Murray worked at the Yerkes Laboratory in Florida. It was here that he serendipitously witnessed a monkey that would smoke cigarettes. A Fellowship at Mount Sinai Hospital in New York followed, where Murray became one of the pre-eminent researchers studying a newly discovered substance: LSD.

LSD research pivoted Murray into the emerging field of psychopharmacology in the mid-1950's and to a professorial position at the newly created Albert Einstein School of Medicine. It was here that Murray established himself as a premier researcher on effects of drugs on learning and behavior.

Murray's interests in the mid-1960s turned toward tobacco smoking. Although Murray continued, initially, to study the effects of other drugs and memory, he eventually shifted his focus to smoking and nicotine addiction almost entirely.

One of the first projects he attempted, spurred by the very memorable observation at Yerkes, was to attempt to get monkeys to smoke. This was partially successful and led to experiments with humans and rats so that by 1970 Murray had collected sufficient data to suggest that nicotine was key in the reinforcement of smoking. His work was included in subsequent Surgeon General Reports on smoking and nicotine addiction.

Perhaps Murray Jarvik's most notable achievement was work done with Jed Rose in the 1980's investigating the possibility of delivering nicotine through the skin in sufficient quantities to affect smoking behavior. At first, their approach was quite simple, a basic poultice of nicotine. After much development, they were able to patent the concept of a nicotine transdermal patch, which they turned over to UCLA. It soon made it into production as the second FDA-approved pharmacologic treatment for smoking cessation after nicotine gum. With both established efficacy and ease of use, it was highly successful, for several years among the top three most profitable patents for the University of California.

## **MICHAEL RUSSELL**

By the 1960s, the emerging evidence of the danger of cigarette smoking was clear, but there was very little understanding of why people smoked. Cigarette smoking was generally thought of as a habit, with pharmacological factors receiving little or no attention.

Michael Russell was the man who did most to revolutionize our understanding. His research led to the 1988 report of the US Surgeon General, *Nicotine Addiction*, which finally brought recognition that cigarette smoking is a classic drug dependence.

Russell was a psychiatrist in training at the Maudsley hospital, in south London, when he chose the topic of cigarette smoking for his research thesis in 1967. Based on his review of what was then fragmentary research literature, he concluded in a 1971 paper that the drug nicotine was the motivating force underlying smoking behavior. He made the study of the interacting pharmacological and psychological determinants of tobacco dependence his life's work.

Mike is regarded by many as the father of effective treatment to help smokers quit. But he is probably best known in the cessation field for a non-pharmacological intervention. In 1979 he published a trial examining the effectiveness of brief advice to quit smoking given by GPs in the course of routine consultations. The one-year success rate was 5%, compared with less than 1%



in controls. A successful trial of nicotine chewing gum combined with brief advice in primary care followed. Mike Russell moved towards the concept of an integrated district smoking cessation service, in which routine delivery of advice and pharmacological therapy in primary care was combined with intensive clinic support. That vision has now been realized in Great Britain's National Health Service.

#### 2016 NEW INVESTIGATOR BEST ABSTRACT AWARD RECIPIENTS

Heather D'Angelo, PhD, MHS, MS  
Gillings School of Global Public Health  
University of North Carolina, Chapel Hill

Chad Lerner, PhD  
Department of Environmental Science  
University of Rochester

Jason Oliver, PhD  
Department of Psychiatry and Behavioral Sciences  
Duke University School of Medicine

#### THE FERNÖ CLINICAL RESEARCH AWARD

The Fernö Award, named after Ove Fernö, honors scientists who have made groundbreaking advances in clinical research in one of three areas: 1) the pharmacological and behavioral actions of nicotine; 2) increased understanding on why people use tobacco; or 3) interventions to prevent tobacco use, to encourage or help tobacco users stop, and/or to reduce the adverse effects of tobacco use.

##### *2016 Award Recipient:*

Timothy Baker, PhD  
University of Wisconsin-Madison  
School of Medicine and Public Health

Ove Fernö was the inventor of nicotine replacement (NR). He was born in Gothenburg in 1916 and was trained as an organic chemist at the University of Lund, Lund, Sweden. During the late 1960s and 70s he was responsible for the development of the first NR product—a chewing gum. Tens of millions of smokers have used nicotine gum to aid their cessation attempts.

In the United States, Dr. Murray Jarvik and Dr. Nina Schneider were the first to experiment with the gum; they became great ambassadors and conducted many important studies. The nicotine gum was first presented at the World Conference on Smoking and Health in New York in 1975.

Today, NR is marketed in some 70 countries.

Ove Fernö's thinking and foresight, and perhaps personal circumstances, made him a decisive driver in the development of Nicotine Replacement. His work has helped countless smokers to break the dependence. But he was also a great man to spend an evening with, usually over a glass of beer, to speculate about the future of NT and other matters of importance, very often philosophy.



### 2016 SRNT TRAVEL AWARD WINNERS

*Disparities recipients:*

Lin Li, Australia  
Frank Bandiera, USA

*Genetics recipient:*

Bader Chaarani, USA

*Pre-Clinical recipients:*

Rima Nakkash, Lebanon  
Eleanor Leavins, USA

*Policy recipients:*

Sandra Braun, Argentina  
Robert Garcia, USA

*Youth/Adolescent recipients:*

Paola Morello, Argentina  
Robert Urman, USA

*Clinical recipients:*

Taraneh Taghavi, Canada  
Barbara Pineriro, Spain

### 2016 SRNT HEALTH DISPARITIES NETWORK SCHOLARSHIP RECIPIENTS

- Pratibha Nayak
- Latrice Montgomery
- Michael Dunbar
- Adam Alexander
- Andy Tan
- Sabrina Smiley
- Jaime Perales
- Jessica Barrington-Trimis
- Kelly Young-Wolff
- Basil Mathews
- Jimmy Manyanga
- Patrick Hammett
- Olamide Ojo-Fati

### 2016 SRNT SPONSORS & EXHIBITORS

Plan time in your schedule to visit with the SRNT sponsors and exhibitors. They will be located in the Ballroom Promenade (Level 4) and in Sheraton Ballroom 5 (Level 4). Thanks to all the companies exhibiting this year—SRNT appreciates their financial support!

**Exhibit Hours:**

Thursday, March 3, 2016 . . . . . 9:30 a.m.-3:30 p.m.

Friday, March 4, 2016 . . . . . 9:30 a.m.-3:30 p.m.

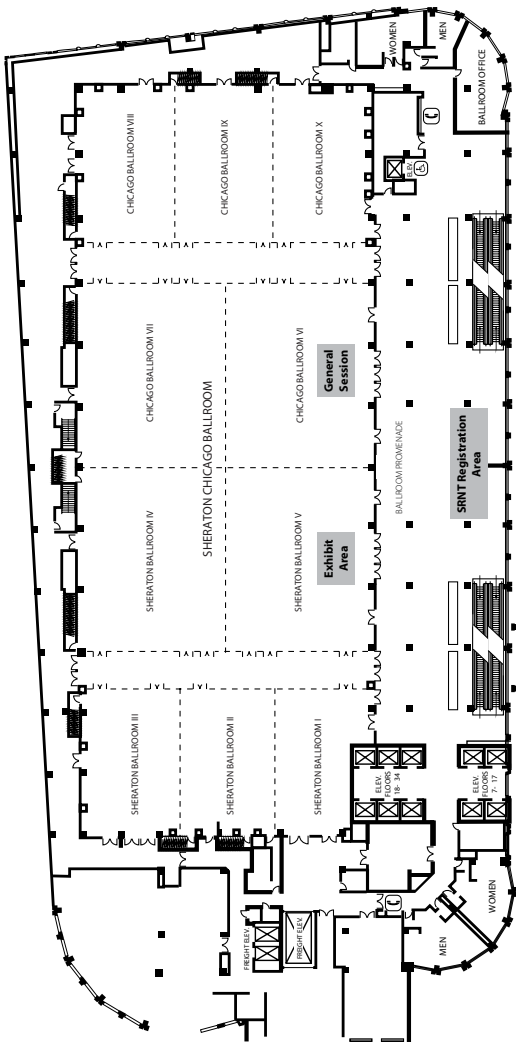
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## MEETING ROOM FLOOR PLANS

### SHERATON GRAND HOTEL

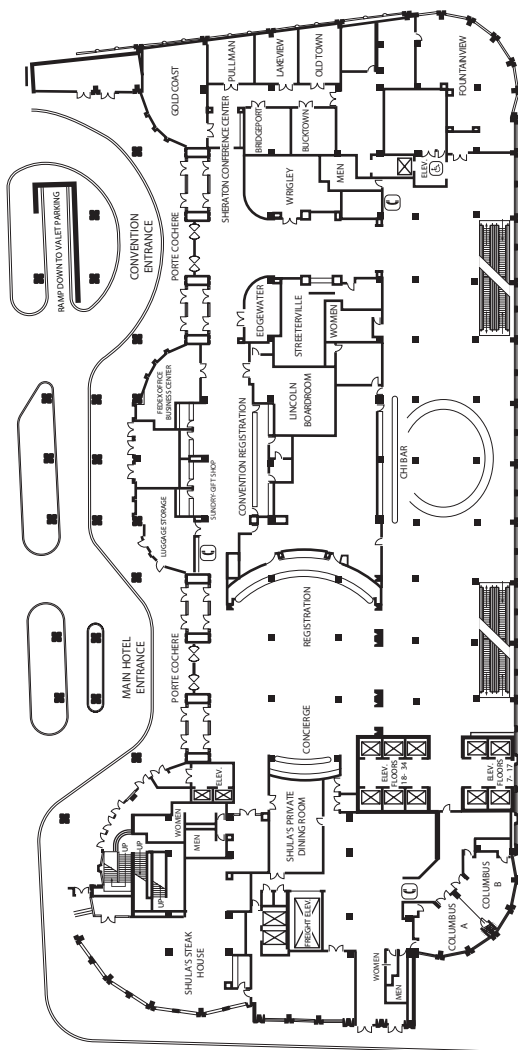
### BALLROOM LEVEL 4



## MEETING ROOM FLOOR PLANS

### SHERATON GRAND HOTEL

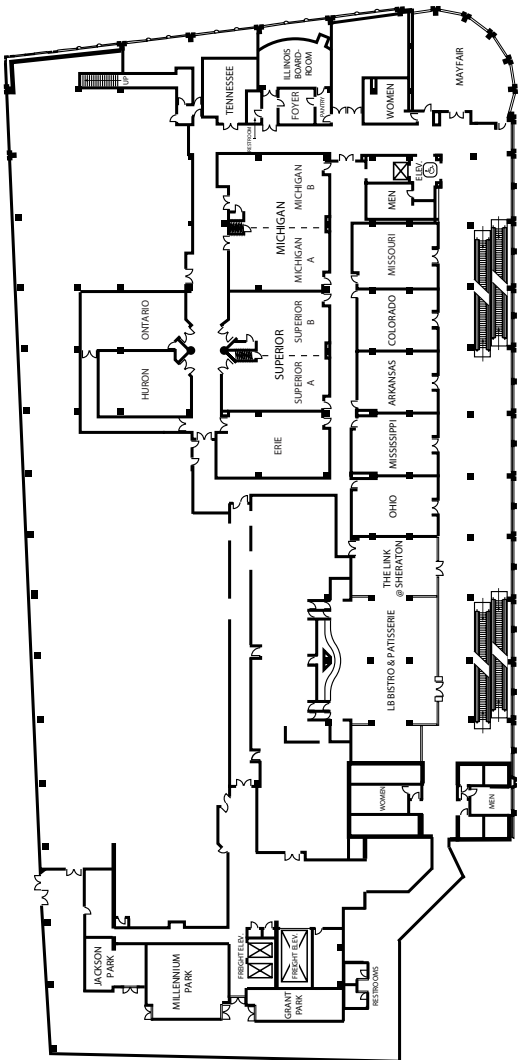
#### LOBBY LEVEL 3



## MEETING ROOM FLOOR PLANS

### SHERATON GRAND HOTEL

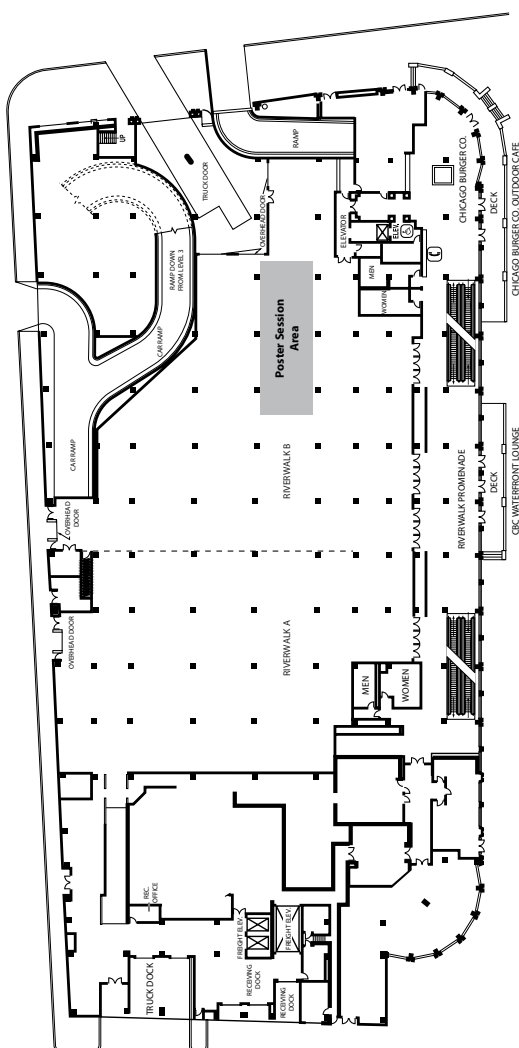
### MEETING ROOM LEVEL 2



## MEETING ROOM FLOOR PLANS

### SHERATON GRAND HOTEL

### RIVER EXHIBITION LEVEL 1





**SESSION SUMMARY  
WEDNESDAY  
MARCH 2, 2016**

Wednesday, March 2, 2016

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## WEDNESDAY, MARCH 2, 2016

7:00 a.m.-8:00 p.m. . . . . Chicago Ballroom 10 (Level 4)  
**Registration**

8:00 a.m.-12:00 noon  
**Pre-Conference Workshops**

*(available at an additional fee)*

8:00 a.m.-12:00 noon . . . . . Chicago Ballroom 9 (Level 4)  
**Pre-Conference Workshop #1**

**The Changing Landscape of Nicotine and Tobacco Use:  
 What Tobacco Treatment Clinicians and Researchers Need  
 to Know**

*Speakers: Timothy Baker, PhD, University of Wisconsin;  
 Leonie Brose, PhD, King's College London; Chris Bullen,  
 PhD, The University of Auckland; Dorothy Hatsukami, PhD,  
 University of Minnesota; Natalie Walker, PhD, The University  
 of Auckland*

*Moderators: Lisa Fucito, PhD, Yale School of Medicine; Benja-  
 min Toll, PhD, Medical University of South Carolina*

*Sponsored by the SRNT Treatment Network*

8:00 a.m.-12:00 noon . . . . . Erie (Level 2)  
**Pre-Conference Workshop #2**

**Strengthening Tobacco Research Capacity in Low- and  
 Middle-Income Countries: Strategies, Challenges, and Les-  
 sons Learned**

*Speakers: Lekan Ayo-Yusuf, PhD, MPH, Sefako Makgatho  
 Health Sciences University, University of Limpopo, University  
 of Pretoria; Joaquin Barnoya, MD, MPH, Washington Universi-  
 ty School of Medicine at St. Louis; Joanna Cohen, PhD, Johns  
 Hopkins University; Jeffrey Drope, PhD, American Cancer  
 Society; Geoffrey Fong, PhD, University of Waterloo; Wasim  
 Maziak, MD, Florida International University; Raul Mejia, MD,  
 PhD, Universidad de Buenos Aires; Rima Nakkash, DrPH,  
 University of Beirut; Jonathan Samet, MD, MS, University of  
 Southern California*

*Moderators: Carla J. Berg, PhD, Emory University; James T.  
 Thrasher, PhD, University of South Carolina*

*Sponsored by the SRNT Global Health Network*

8:00 a.m.-12:00 noon . . . . . Superior A (Level 2)  
**Pre-Conference Workshop #3**

**Building an Evidence Base for Reducing Smoking Dispari-  
 ties Between Indigenous and Non-Indigenous Peoples**

*Speakers: Vicki Biggs, PhD candidate and ex-director for the  
 Australian Centre for Excellence in Indigenous Tobacco Con-  
 trol; Joanne D'Silva, MPH, ClearWay Minnesota, Minneapolis;  
 Dr Patricia Nez Henderson, MD, MPH, BlackHills Center for  
 American Indian Health, Rapid City; Dr El-Shadan Tautolo,  
 PhD, AUT University, Auckland, NZ Stephanie Erick, Director  
 ASH NZ, and Andrew Waa, MPH, ASPIRE2025, University of  
 Otago, Wellington, NZ*

*Sponsored by Black Hills Center for American Indian Health*

8:00 a.m.-12:00 noon . . . . . Ontario (Level 2)  
**Pre-Conference Workshop #4**

**Tobacco Control in a Rapidly Changing Media Environment**

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*Speakers: Dr. Sherry Emery, Director of the Health Media Collaboratory, Institute for Health Research and Policy at the University of Illinois at Chicago; Dr. Joseph Cappella, Gerald R. Miller Professor of Communication, Annenberg School for Communication at the University of Pennsylvania; Dr. Annice Kim, Senior Social Scientist at RTI International; Dr. Ganna Kostygina, Senior Research Specialist, Health Media Collaboratory at UIC*

*Sponsored by Health Media Collaboratory at UIC*

8:00 a.m.-12:00 noon . . . . . Superior B (Level 2)  
**Pre-Conference Workshop #5**

**Tobacco Industry Documents Research and Global Health Justice Movement**

*Speakers: Marty Otañez, Associate Professor, Anthropology Department, University of Colorado, Denver; Kellen Nyamurungi Namusisi, MSc Advisor Monitoring and Evaluation, Centre for Tobacco Control in Africa; Paul Ebusu, MPH, Co-Principle Investigator, Tobacco Documents Research in Africa; Hadji Mamudu, Associate Professor, Department of Health Services Management and Policy, East Tennessee State University; Lily Sahaguan, Undergraduate Student Researcher, Public Health, University of Colorado, Denver*

*Sponsored by The Center for Tobacco Control in Africa (Uganda)*

8:00 a.m.-12:00 noon . . . . . Chicago Ballroom 8 (Level 4 Floor)  
**Pre-Conference Workshop #6**

**Perspectives on Nicotine: Science and Policy**

*Chair: Cathy L. Backinger, PhD, MPH, Center for Tobacco Products, U.S. Food and Drug Administration*

*Speakers: Neal Benowitz, MD, University of California, San Francisco; Sarah Johnson, PhD, Center for Tobacco Products, U.S. Food and Drug Administration; Michael B. Steinberg, MD, MPH, FACP, Rutgers University; Nicolette Borek, PhD, Center for Tobacco Products, U.S. Food and Drug Administration; Monica S. Ruiz, PhD, MPH, The George Washington University*

*Moderator: Mitchell Zeller, JD, Center for Tobacco Products, U.S. Food and Drug Administration*

*Panelists: Jonathan P. Winickoff, MD, MPH, Harvard University; Robert West, PhD, University College London; Matthew L. Myers, JD, Campaign for Tobacco Free Kids; Thomas J. Miller, JD, Attorney General of Iowa; Dorothy Hatsukami, PhD, University of Minnesota*

*Sponsored by the Center for Tobacco Products, FDA*

8:00 a.m.-12:00 noon . . . . . Huron (Level 2)  
**Pre-Conference Workshop #7**

**NIH and FDA Funding Opportunities for Early Career Researchers**

*Speakers: Samia Noursi, PhD, Program Official, Division of Services and Prevention Research, National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH); Danielle Ramo, PhD, Department of Psychiatry, University of California, San Francisco; Dana van Bemmelen, PhD, Assistant Deputy Director for Research, Office of Science, Center for Tobacco Products, Food and Drug Administration (FDA); Erik Augustson, PhD, MPH, Program Director, Tobacco Control Research Branch (TCRB), Behavioral Research Program (BRP), National Cancer Institute (NCI), National Institutes of Health*





*Health (NIH); Judith J. Prochaska, PhD, MPH, Stanford Prevention Research Center, Department of Medicine, Stanford University*

*Moderators: Judith J. Prochaska, PhD, Stanford Prevention Research Centre;*

*Meg Fluharty, MRes, University of Bristol*

*Sponsored by SRNT Trainee Network*

8:00 a.m.-12:00 noon . . . . . Missouri (Level 2)

### **Pre-Conference Workshop #8**

#### **Statistical Analysis of Complex Surveys With Replicate Weights Using SAS Survey Package**

*Speaker: The instructor, Dr. Julia Soulakova, Associate Professor, Department of Statistics, University of Nebraska-Lincoln (UNL), also has a courtesy appointment at the Survey Research and Methodology Program, UNL. She has expertise in survey sampling and social-behavioral sciences. Dr. Soulakova teaches undergraduate course "Intro to Survey Sampling" and graduate course "Survey Sampling," and conducts research on smoking cessation using data from the Tobacco Use Supplement to the Current Population Survey, the key source of smoking-related behaviors in the US.*

1:00 p.m.-3:15 p.m.

### **Network Meetings**

Plan to join your colleagues and attend the Network meeting of interest.

1:00 p.m.-2:00 p.m.

Adolescent Network Meeting: Mississippi (Level 2)

Genetics Network Meeting: Arkansas (Level 2)

Global Health Network Meeting: Ohio (Level 2)

Health Disparities Network Meeting: Chicago 8 (Level 4)

2:15 p.m.-3:15 p.m.

Basic Science Network Meeting: Missouri (Level 2)

Public Health Policy Network Meeting: Ontario (Level 2)

Treatment Network Meeting: Chicago 8 (Level 4)

1:00 p.m.-8:00 p.m. . . . . Ballroom Office (Level 4)

### **Speaker Ready Room**

3:30 p.m.-4:30 p.m.

### **Transdisciplinary Topical Discussions (#1-#5 are held concurrently)**

*Session Chair: David L. Ashley, PhD, RADM*

These roundtable sessions have been selected to address a diverse array of pressing questions in our field. They will be moderated by world leading experts who will stimulate and encourage group discussion. These sessions are designed to be transdisciplinary—covering preclinical and clinical research and diverse methodologies. You do not need to be an expert in the subject area to attend a session—in fact we encourage that you cross boundaries and take the opportunity to participate in new topical discussions that will develop novel ideas and viewpoints.

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**TTD #1 ..... Superior A (Level 2)**  
**The Future of Nicotine**

Nicotine is and has been at the heart of the global tobacco use epidemic because addiction to nicotine is the primary reason why millions of users continue to use smoke, which is inherently deadly. However, regulated therapeutic nicotine delivery systems like patch and gum have low addiction potential given their relatively slow and low (compared to tobacco) delivery of nicotine, and this has allowed them to be sold over-the-counter in the US and other countries. But now ENDS products are widely available and there are currently no U.S. federal regulations governing the level of nicotine they deliver. The emergence of ENDS has raised debate about their potential for delivering nicotine comparable to cigarettes to help smokers quit, balanced against the concerns prompted by their use by youth as well as concerns that youth use of ENDS will lead to tobacco use. The rapid increase in ENDS products and use has caused many stakeholders - public, corporate, scientific and regulatory - to review how they think about and act on products that deliver nicotine. The objective of this session is to discuss critical research needs, challenges to achieving public health goals in a complex and evolving environment, and critical research and regulatory questions that will help to determine the future of nicotine as a consumer and medicinal product.

*Moderator: Scott Leischow, PhD*

**TTD #2 ..... Ohio (Level 2)**  
**Should Clinicians Counsel Tobacco Users to Reduce or Quit Through the use of Electronic Nicotine Delivery Systems (ENDS)?**

The clinical utility of Electronic Nicotine Delivery Systems (ENDS), such as e-cigarettes, for smoking cessation is an area of intense controversy in the public health and medical literature. Many tobacco users use e-cigarettes in an attempt to cut down or quit combustible cigarettes. However, it appears that a majority of those attempting to quit smoking combustible cigarettes with e-cigarettes are not successful in completely weaning off combustible tobacco, resulting in the dual use of combustible tobacco and electronic cigarettes. Many dual users think that reduction is an acceptable outcome. Cigarette smokers, exclusive e-cigarette users and increasingly dual users show up at the clinician's office seeking help in quitting their nicotine habits. Some clinicians feel ENDS are effective cessation tools, with safety profiles as good as FDA approved cessation products like nicotine patches, making their utility for cessation high. Other clinicians and treatment specialist feel that data do not show effectiveness for cessation and have an unknown safety profile compared to approved FDA cessation therapies, making their use for smoking cessation questionable at best. Throughout all these clinical discussions, patients are left to wonder which view is correct. This session will encourage discussion of the evidence and the different perspectives, including a discussion of challenges from different ethical, medical and policy frameworks for integrating harm reduction counseling into clinical practice.

*Moderators: Adam O. Goldstein, MD, MPH; Edward Anselm, MD*

**TTD #3 ..... Huron (Level 2)**  
**What Does the Endgame for Ending the Tobacco Epidemic Look Like?**

Across the world, the strategies for moving beyond tobacco control, which assumes the presence of tobacco in society but





with parameters, toward an “endgame” for ending the tobacco epidemic, have increasingly been discussed and debated. Some countries have already initiated endgame goals, such as New Zealand which has committed to becoming a smoke-free society by 2025, and others are still pondering this possibility. This session will encourage discussion of the range of policies and proposals for a tobacco endgame, including discussing what that could look like in the U.S.

*Moderators: Janet Hoek, PhD; Natalie Walker, PhD*

**TTD #4 . . . . . Erie (Level 2)**  
**What Do We Need to Develop Better Measures of E-Cigarette Use, Dependence, Perceptions, and Policy?**

There is a need for well-developed and validated measures of e-cigarette use, dependence, and perceptions. Such measures would greatly enhance our ability to provide data that will inform the field as well as regulation of e-cigarettes. In particular, we need measures of e-cigarette use that consider different device types, users, and age groups; different use patterns including quantity or intensity of use; and validated and agreed-upon measures of nicotine dependence. Developing and testing these measures will allow for a more uniform set of measures that can be used across studies, yielding more consistent findings that can be applied to regulatory science and policy. This session will provide a forum to discuss the current state of knowledge regarding e-cigarette measurement and future directions for research.

*Moderators: Bonnie Halpern-Felsher, PhD; Hyoshin Kim, PhD; Scott Weaver, PhD*

**TTD #5 . . . . . Superior B (Level 2)**  
**Ethical Implications of Factoring in Tobacco Use in Hiring and Insurance Policies**

Over the past several decades, insurance companies have increasingly charged higher premiums to smokers and encouraged cessation as a means to reducing the burden on the health care system and in order to offset the higher expenditures accrued by smokers and other tobacco product users. In a related recent policy trend, companies and academic institutions have incorporated tobacco use restrictions into their hiring practices, requiring their new hires to be non-smokers or non-tobacco users. There is significant debate about the ethical implications of such policies. Is this the prerogative of a company or academic institution to seek to eliminate tobacco use in their workforce as a source of decreased productivity and increased expense? Or do these policies constitute discrimination against a class of people for a personal behavior, particularly in light of socioeconomic disparities between smokers and non-smokers? This session will feature discussion of these and related issues.

*Moderator: Stanton A. Glantz, PhD*

4:45 p.m.-6:15 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Special Symposium**  
**How Science Informs FDA's Regulatory Decisions: Deeming, PMTA, and MRTPA**

*Chair: David L. Ashley, PhD, RADM, US Public Health Service, Director, Office of Science*

The final rule to deem additional products meeting the statutory definition of “tobacco product” to be regulated under the jurisdiction of the Food and Drug Administration’s tobacco products regulatory authority is anticipated to be published prior to the 2016 SNRT Annual Meeting. As such, FDA will be able to use its tools to regulate these products in order to pro-

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protect public health. As science underpins the regulatory actions of the Center for Tobacco Products (CTP), this session will highlight how the “Deeming” rule, premarket tobacco product application (PMTA), and modified risk tobacco product application (MRTPA) are regulatory science in action. The Director, CTP will provide an overview of recent CTP accomplishments. The Director, Office of Science, CTP will provide a summary of the scientific evidence used to inform provisions in the Deeming rule. CTP Scientists will summarize how regulatory science informs PMTA and MRTPA decisions.

**Presenters:**

- Overview of recent CTP Accomplishments**  
*Mitchell Zeller, J.D., Director, Center for Tobacco Products*
- Overview of Deeming Regulation**  
*David L. Ashley, PhD, RADM, US Public Health Service, Director, Office of Science*
- Premarket Tobacco Product Application (PMTA) Decisions**  
*Li-Lun Chen, MD, Director, Division of Individual Health Science*
- Modified Risk Tobacco Product Application (MRTP) Decisions**  
*Conrad Choiniere, PhD, Director, Division of Population Health Science*

6:15 p.m.-7:15 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Keynote Speaker**

***Optimizing the Public Health Impact of Tobacco Taxes***

*Professor Frank J. Chaloupka, PhD*

Distinguished Professor of Economics & Public Health  
Director, Health Policy Center University of Illinois at Chicago

7:15 p.m.-8:15 p.m. . . . . Fountainview & CHI Bar (Lobby Level 3)

**Opening Reception**

*(All attendees are welcome! Cash bar and hors d'oeuvres)*

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**SESSION SUMMARY  
THURSDAY  
MARCH 3, 2016**

Thursday, March 3, 2016

[illegible]



## THURSDAY, MARCH 3, 2016

7:00 a.m.-5:00 p.m. . . . . Ballroom Promenade (Level 4)  
**Registration**

7:00 a.m.-5:00 p.m. . . . . Ballroom Office (Level 4)  
**Speaker Ready Room**

7:00 a.m.-8:00 a.m. . . . . Mississippi (Level 2)  
**Meet the Editor**

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Welcome/Awards/Lecture**  
*Session Chair: Tom Glynn, PhD*

8:00 a.m.  
**WELCOME AND OPENING REMARKS BY THE  
 PRESIDENT OF SRNT**  
*Robin Mermelstein, PhD*

8:10 a.m.  
**AWARDS**  
*Tom Glynn, PhD*  
*Chair, Awards Sub-Committee*

**PRESIDENT'S AWARD**  
*Ovide Pomerleau, PhD*

**JOHN SLADE AWARD**  
*Matthew L. Myers,*  
*Campaign for Tobacco-Free Kids*

**NEW INVESTIGATOR BEST ABSTRACT AWARD  
 RECIPIENTS**  
*Heather D'Angelo, PhD, MHS*  
*Division of Cancer Control and Population Sciences*  
*National Cancer Institute*

*Chad Lerner, PhD*  
*Department of Environmental Science*  
*University of Rochester*

*Jason A. Oliver, PhD*  
*Department of Psychiatry & Behavioral Sciences*  
*Duke University School of Medicine*

**JARVIK-RUSSELL NEW INVESTIGATOR AWARD**  
*Hayden McRobbie, MB, ChB, PhD*  
*Queen Mary University, London*  
*Wolfson Institute of Preventative Medicine*

**OVE FERNÖ AWARD**  
*Timothy Baker, PhD*  
*School of Medicine & Public Health*  
*University of Wisconsin, Madison*

8:30 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Clinical Theme Lecture and Ove Fernö Award Winner**  
***What I Think I Know, and What I Don't***  
*Professor Timothy Baker, PhD*  
*School of Medicine & Public Health*  
*University of Wisconsin, Madison*

9:30 a.m.-10:00 a.m. . . . . Chicago Ballroom 5 (Level 4)  
**Refreshment Break and Exhibit Time**

Thursday, March 3, 2016



9:30 a.m.-3:30 p.m. . . . . Chicago Ballroom 5 (Level 4)  
**Exhibits Open**

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)  
**Podium Presentation 1: Symposium 1**  
**SMOKING AND PSYCHOPATHOLOGY: MECHANISMS AND TREATMENTS**

*Chair: Sandra J. Japuntich, PhD, VA Boston Healthcare System, Boston University School of Medicine*

*Presenters: Jessica W. Cook, PhD, University of Wisconsin School of Medicine and Public Health, William S. Middleton Memorial VA Hospital; Jennifer W. Tidey, PhD, Brown University; Sandra J. Japuntich, PhD, VA Boston Healthcare System, Boston University School of Medicine; Andrew M. Busch, PhD, The Miriam Hospital, The Alpert Medical School of Brown University*

*Audience: HD, T, C, PH/E*

In recent years, smoking among those without mental illness has declined while the smoking rate among those with mental illness have remained steady. Thus, there exists a health disparity such that individuals with mental illness are more likely to smoke and less successful at tobacco cessation than those without. More research is needed into potential mechanisms that maintain smoking in those with mental illness and treatment targets and models for this population. This symposium will provide information on differential reactions to nicotine content in two different mental health populations: individuals with major depression (MDD) and individuals with posttraumatic stress disorder (PTSD). Three different modes of treatment will be evaluated: reduced nicotine cigarettes, behavioral activation for depressed mood and smoking, and proactive connection to tobacco cessation resources. Dr. Cook will present on an experimental study examining the effects of different smoking manipulations on positive and negative affect responses in smokers with PTSD, MDD, and controls. Dr. Tidey will present on the effects of reduced nicotine cigarettes (vs. standard cigarettes) on depressed mood, smoking rates and craving in smokers with or without depression during a 6 week period of cigarette use. Dr. Japuntich will present on the effectiveness of a proactive tobacco cessation intervention vs. usual care in Veteran smokers with and without a diagnosis of mental illness. Dr. Busch will present on the results of a pilot randomized clinical trial testing Behavioral Activation Treatment for smoking and depressed mood in smokers hospitalized with acute coronary syndrome. The discussant, Dr. Hitsman, will provide a summary of the current state of knowledge regarding mechanisms and treatments for smokers with mental illness and lead a discussion of future directions of smoking and mental illness research.

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)  
**Podium Presentation 1: Symposium 2**  
**SMOKELESS TOBACCO CONSUMPTION, DISEASE BURDEN, DEPENDENCE, AND CESSATION: A DIVERSE AND GLOBAL PERSPECTIVE**

*Co-chairs: Lekan Ayo-Yusuf, BDS MSc, MPH, PhD, Sefako Makgatho Health Sciences University, South Africa; Kamran Siddiqi, MBBS, MRCP, FFPH, MPH, PhD, University of York, UK*  
*Presenters: Kamran Siddiqi, MBBS, MRCP, FFPH, MPH, PhD, University of York, UK; Aishwarya Vidyasagan, MBBS, MPH, University of York, UK; Rumana Huque, PhD, University of Dhaka, Bangladesh; Nasir Mushtaq, MPH, PhD, University of Oklahoma, US; Omara Dogar, MPH, University of York, UK; Lekan Ayo-Yusuf, BDS MSc, MPH, PhD, Sefako Makgatho Health Sciences University, South Africa*

*Audience: PH/E, I, LMIC, T, C, P*



Smokeless tobacco (ST) products are consumed worldwide and pose a major health threat. Despite its widespread use and substantial disease burden, the issue remains a neglected one. A major obstacle in agreeing on a global approach to control ST is the diverse nature of its products available globally. These differ in their toxicity and addictiveness depending upon their carcinogen, nicotine, and pH levels, which themselves are dependent on their preparation methods, additional ingredients, and consumption behaviours. Therefore, ST isn't a single entity, and any global effort to control ST should reflect on this diversity. This symposium brings together leading researchers from Africa, Asia, Europe, and North America to first highlight the diversity in ST, its use, health risks and dependence and then to discuss initiatives to control ST use. In first presentation, Siddiqi will first describe the diverse range of ST products, their use and then highlight associated risks and burden of disease across the globe. In second presentation, Vidyasagaran and Huque will present their findings on the distribution and determinants of nicotine dependency among ST users in India and Bangladesh, respectively. Their study, for the first time, will present data on cotinine concentration in ST users from anywhere in Asia. In third presentation, NM will describe his research on ST dependence evaluating different approaches and measures of dependence among ST users. In fourth presentation, Dogar will describe her work on developing and evaluating a bespoke behavioural support intervention to support ST cessation. Her research with ST users of South Asian-origin will highlight differences in their beliefs, attitudes and behaviours in two different settings, Pakistan and the UK. In final presentation, Ayo-Yusuf will present, for the first time from African region, data from four rounds of GYTS surveys conducted in South Africa since 1999. He will report on the association between tobacco initiation (with or without ST) and becoming an established regular cigarette smoker in adolescence. The symposium will conclude with a discussion on policy and knowledge gaps that are hampering progress on ST control in Low- and Middle-income Countries.

Thursday, March 3, 2016

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)

#### **Podium Presentation 1: Symposium 3**

#### **DEVELOPMENTAL TOXICITY OF NICOTINE DURING ADOLESCENCE: A TRANSDISCIPLINARY SYNTHESIS AND IMPLICATIONS FOR EMERGING TOBACCO PRODUCTS**

*Co-chairs: Lucinda England MD, MSPH, and Rachel Grana PhD, MPH*

*Presenters: Frances M. Leslie, PhD, University of California Irvine; Thomas J. Gould, PhD, Temple University; Mark Rubinstein, MD, University of California San Francisco*

*Discussants: Dorothy Hatsukami PhD, Terry Pechacek PhD, and Jonathan Winickoff, MD*

*Audience: PC, C, PH/E, P*

The proliferation of novel nicotine-containing products, such as electronic cigarettes, and the rapid increase in their use by middle and high school students raises serious concerns about the health effects of nicotine exposure during critical periods of development. In addition, references to purported benefits of nicotine, such as positive effects on cognitive function, are increasingly prevalent in the popular media. E-cigarette use has increased dramatically among U.S. middle and high school students, and now exceeds conventional cigarette use. Nicotine exposure from electronic cigarettes and from

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other tobacco products during sensitive developmental periods, including adolescence, is of great concern because of its potential to cause long-term changes in brain structure and function. Specifically, adolescent nicotine use may produce long-term cognitive deficits; early adolescent tobacco use has been associated with memory deficits and late adolescent use has been associated with cognitive deficits that emerged after initiation of smoking. Epidemiological and clinical studies have found associations between adolescent tobacco exposure and adverse behavioral outcomes, deficits in auditory processing, affective disorders, and increased vulnerability to addiction. Animal research is congruent with the observational human data, finding that adolescent nicotine exposure disrupts neural circuits involved in attention, learning, and susceptibility to addiction. The increasing convergence between differing scientific disciplines supports that exogenous nicotine exposure during windows of vulnerability produces persistent changes in developing brain structure and function, potentially resulting in long-term cognitive deficits, affective disorders, and other mental health problems, including addiction. Scientists from varied disciplines will review emerging scientific literature related to adolescent brain development and the effects of tobacco and nicotine exposure during this critical period of development. A panel discussion will address research gaps as well as public health, policy, and regulatory implications of nicotine use in adolescents in the context of current trends in tobacco use, and measures to protect adolescent health.

10:00 a.m.-11:30 a.m. . . . . Sheraton 4 (Level 4)

**Podium Presentation 1: Symposium 4**

**EVALUATING CURRENT E-CIGARETTE MARKETING THROUGH A LEGAL LENS**

*Chair: Elizabeth G. Klein, PhD, MPH, Ohio State University*  
*Presenters: Kim Wagoner, PhD, Wake Forest University;*  
*Brittney Keller, MPH, Ohio State University; Annice Kim, PhD,*  
*RTI International; Elizabeth G. Klein, PhD, MPH, Ohio State University*  
*Audience: PH/E, P*

Electronic nicotine delivery systems (ENDS) manufacturers and retailers are using a wide range of marketing channels and messages to promote ENDS use. Key promotional channels include magazine advertisements, social media content (paid and unpaid), websites, television, radio, and point-of-sale marketing. Messaging has included themes relating to smoking cessation, reduced risk, ability to use “everywhere,” popularity/sex appeal, and more. Some of these messages may violate the law (particularly when the proposed Deeming Rule goes into effect) and/or provide misinformation to consumers. Thus, there is a critical need to track and assess the marketing channels and various types of claims made regarding ENDS. This symposium will provide new research findings across a diverse spectrum of methods to characterize the amount of marketing exposures in youth, young adults, and adults, then deconstruct the legal status of the claims made through print, electronic, and in-person channels. This work provides important baseline information for the FDA as it prepares to finalize and then enforce its Deeming Rule. First, Dr. Wagoner will present results of a nationally representative sample of youth and adults to characterize ENDS marketing exposures. Next, Ms. Keller will provide results on a content analysis for health and reward cues in print advertising found in popular magazines, and provide comparisons to cigarette and smokeless ads. Dr. Kim will present findings from studies of ENDS-content on social media, particularly Twitter. Finally, Dr. Klein will present a content analysis of the health themes present in the websites of manufacturers and retail sellers of



ENDS. As Discussant, Mr. Berman will summarize the legal implications for ENDS marketing under current law and the proposed Deeming Rule; he will also provide insights on the implications of these data for tobacco control regulatory policy and decision-making.

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 1: Paper Session 1**

**FLAVORED NON-CIGARETTE TOBACCO PRODUCTS**

*Session Chair: Carolyn Dresler, PhD*

*Audience: PC, PH/E, P*

10:00 a.m.-10:15 a.m.

**PROCESS EVALUATION OF THE NEW YORK CITY ORDINANCE RESTRICTING SALES OF FLAVORED NON-CIGARETTE TOBACCO PRODUCTS: HISTORICAL AND LEGAL PERSPECTIVES**

*Elizabeth (Betty) Brown, MPH<sup>\*1</sup>, Michelle Barnes, MPH<sup>1</sup>, Maggie Mahoney, JD<sup>2</sup>, Maureen O'Brien, JD<sup>2</sup>, Matthew Eggers, MPH<sup>1</sup>, Todd Rogers, PhD<sup>1</sup>, Tarsha McCrae, MPH<sup>3</sup>, <sup>1</sup>RTI International, <sup>2</sup>Public Health Law Center, William Mitchell College of Law, <sup>3</sup>Center for Tobacco Products, Food and Drug Administration*

10:15 a.m.-10:30 a.m.

**RETAILER COMPLIANCE WITH THE 2009 NEW YORK CITY ORDINANCE RESTRICTING SALES OF FLAVORED NON-CIGARETTE TOBACCO PRODUCTS**

*Todd Rogers, PhD<sup>\*1</sup>, Elizabeth (Betty) Brown, MPH<sup>1</sup>, Matthew Eggers, MPH<sup>1</sup>, Meg Chambard, BA<sup>1</sup>, Shannon Farley, DrPH, MPH<sup>2</sup>, Tarsha McCrae, MPH<sup>3</sup>, Martha Engstrom, MS<sup>3</sup>, Cindy Tworek, PhD<sup>3</sup>, Enver Holder-Hayes, MPH<sup>3</sup>, <sup>1</sup>RTI International, <sup>2</sup>New York City Department of Health and Mental Hygiene, <sup>3</sup>Center for Tobacco Products, Food and Drug Administration*

10:30 a.m.-10:45 a.m.

**ASSESSING EFFECTS OF THE NEW YORK CITY FLAVORED TOBACCO PRODUCT SALES BAN ON ADOLESCENTS**

*Shannon Farley, DrPH, MPH<sup>\*</sup>, New York City Department of Health and Mental Hygiene*

10:45 a.m.-11:00 a.m.

**EVALUATING IMPLEMENTATION OF CHICAGO'S CITY ORDINANCE RESTRICTING SALES OF FLAVORED TOBACCO PRODUCTS NEAR SCHOOLS**

*Sandy Slater, PhD<sup>\*1</sup>, Anita Bontu, MPH<sup>1</sup>, Dianne Barker, MHS<sup>2</sup>, Frank Chaloupka, PhD<sup>1</sup>, <sup>1</sup>University of Illinois at Chicago, <sup>2</sup>Public Health Institute*

11:00 a.m.-11:15 a.m.

**APPEAL OF SWEET FLAVORED ELECTRONIC CIGARETTES AMONG YOUNG ADULTS: IMPLICATIONS FOR ABUSE POTENTIAL AND HARM REDUCTION**

*Nicholas Goldenson<sup>\*</sup>, Matthew Kirkpatrick, Jessica Barrington-Trimis, Raina Pang, Julia McBeth, Mary Ann Pentz, Jonathan Samet, Adam Leventhal, University of Southern California, CA, USA*

11:15 a.m.-11:30 a.m.

**CIGAR USE, SENSATION SEEKING TENDENCIES, AND FLAVORS**

*Alexandra Loukas, Shelly Li, University of Texas at Austin, TX, USA*

Thursday, March 3, 2016

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10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 1: Paper Session 2**

**ADVANTAGES AND CHALLENGES OF SMOKING CESSATION**

*Session Chair: Hayden McRobbie, PhD*

*Audience: C, P, T*

10:00 a.m.-10:10 a.m.

**WITHDRAWAL EXPOSURE THERAPY FOR SMOKING CESSATION: A PILOT TRIAL**

*Sharon Hall<sup>1</sup>, Christopher Thorne<sup>2</sup>, Karen Cropsey<sup>2</sup>, Timothy Baker<sup>3</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>University of Alabama at Birmingham, AL, USA, <sup>3</sup>University of Wisconsin-Madison, WI, USA*

10:10 a.m.-10:20 a.m.

**A RANDOMIZED CONTROLLED TRIAL OF MOTIVATIONAL AND REDUCTION INTERVENTIONS FOR SMOKERS WHO ARE NOT READY TO QUIT**

*Elias Klempner\*, John Hughes, Laura Solomon, Peter Callas, James Fingar, University of Vermont, VT, USA*

10:20 a.m.-10:30 a.m.

**THE REAL WORLD EFFECTIVENESS OF NICOTINE PATCH: EXPERIMENTAL EVIDENCE FOR AND AGAINST NRT**

*Shu-Hong Zhu\*, Gary Tedeschi, Sharon Cummins, Shiushing Wong, Anthony Gamst, University of California, San Diego, CA, USA*

10:30 a.m.-10:40 a.m.

**UNASSISTED QUITTING AND SMOKING CESSATION METHODS USED IN THE US IN THE PERIOD 2007-2011**

*Julia Soualakova\*, Lisa Crockett, University of Nebraska-Lincoln, NE, USA*

10:40 a.m.-10:50 a.m.

**EFFECT OF "CUT DOWN TO QUIT" ON SMOKING CESSATION: A RANDOMIZED CONTROLLED TRIAL**

*Man Ping Wang\*, Derek Yee Tak Cheung<sup>1</sup>, William Ho Cheung Li<sup>1</sup>, Oi Bun Lam<sup>1</sup>, Antonio Kwong<sup>2</sup>, Vienna Lai<sup>2</sup>, Tai Hing Lam<sup>1</sup>, <sup>1</sup>The University of Hong Kong, Hong Kong, <sup>2</sup>Hong Kong Council on Smoking and Health, Hong Kong*

10:50 a.m.-11:00 a.m.

**EFFECTIVENESS OF USING THE SAME VERSUS DIFFERENT SMOKING CESSATION MEDICATION FOLLOWING RELAPSE: FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) FOUR COUNTRY SURVEY**

*Bryan Heckman\*, Matthew Carpenter<sup>1</sup>, Karin Kasza<sup>2</sup>, Ron Borland<sup>3</sup>, Jessica Burris<sup>4</sup>, Geoffrey Fong<sup>5</sup>, Ann McNeill<sup>6</sup>, K. Michael Cummings<sup>1</sup>, <sup>1</sup>Medical University of South Carolina, SC, USA, <sup>2</sup>Roswell Park Cancer Institute, NY, USA, <sup>3</sup>Cancer Council Victoria, Australia, <sup>4</sup>University of Kentucky, KY, USA, <sup>5</sup>University of Waterloo, ON, Canada, <sup>6</sup>Kings College London, United Kingdom*

11:00 a.m.-11:10 a.m.

**ATTEMPTING TO ENHANCE THE SCALABILITY OF A PROVEN POST-DISCHARGE INTERVENTION FOR HOSPITALIZED SMOKERS: THE HELPING HAND 2 RANDOMIZED TRIAL**

*Nancy Rigotti\*, Hilary Tindle<sup>2</sup>, Douglas Levy<sup>1</sup>, Susan Regan<sup>1</sup>, Kelly Carpenter<sup>3</sup>, Elyse Park<sup>1</sup>, Jennifer Kelley<sup>1</sup>, Thomas Yli-oja<sup>4</sup>, Joanna Streck<sup>5</sup>, Zachary Reid<sup>1</sup>, <sup>1</sup>Massachusetts General Hospital, MA, USA, <sup>2</sup>Vanderbilt-Ingram Cancer Center, TN, USA, <sup>3</sup>Alere, WA, USA, <sup>4</sup>University of Pittsburgh Medical Center, MA, USA, <sup>5</sup>University of Vermont, VT, USA*





11:10 a.m.-11:20 a.m.

**USING EMPLOYMENT INFRASTRUCTURE TO RECRUIT FOR STATEWIDE CESSATION PROGRAMS: REFERRALS, ENROLLMENTS, AND OUTCOMES**

Anne Betzner<sup>\*1</sup>, Jane Parker<sup>\*2</sup>, Julie Rainey<sup>1</sup>, Marilyn Leeds<sup>3</sup>, Katherine Rehorst<sup>1</sup>, Elisia Norton<sup>2</sup>, <sup>1</sup>Professional Data Analysts, Inc., MN, USA, <sup>2</sup>Florida Department of Health, FL, USA, <sup>3</sup>Florida State University, FL, USA

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 1: Paper Session 3**

**THE CHANGING LANDSCAPE OF TOBACCO CONTROL**

Session Chair: Stuart Ferguson, PhD

Audience: PH/E, P, I, LMIC

10:00 a.m.-10:15 a.m.

**HAS NICOTINE DEPENDENCE INCREASED AMONG SMOKERS? A NEW TEST OF THE HARDENING HYPOTHESIS**

Renee Goodwin<sup>\*1,2</sup>, Misato Fukatsu<sup>1</sup>, Melanie Wall<sup>2</sup>, Sandro Galea<sup>3</sup>, Michael Zvolensky<sup>4</sup>, Deborah Hasin<sup>2</sup>, <sup>1</sup>City University of New York, NY, USA, <sup>2</sup>Columbia University, NY, USA, <sup>3</sup>Boston University, MA, USA, <sup>4</sup>University of Houston, NY, USA

10:15 a.m.-10:30 a.m.

**DUAL USE AND QUITTING BEHAVIOR AMONG USERS OF TRADITIONAL CIGARETTES**

Sherry Emery, Hy Tran<sup>\*</sup>, Yoonsang Kim, Jidong Huang, Health Media Collaboratory, IL, USA

10:30 a.m.-10:45 a.m.

**MODELING THE IMPACT OF TOBACCO CONTROL POLICIES ON CIGARETTE AND SMOKELESS TOBACCO USE**

David Levy<sup>\*1</sup>, Raymond Boyle<sup>2</sup>, <sup>1</sup>Georgetown University, DC, USA, <sup>2</sup>ClearWay Minnesota, MN, USA

10:45 a.m.-11:00 a.m.

**A RANDOMIZED EXPERIMENT ON RAISING THE MINIMUM AGE OF TOBACCO SALES: POLICY SUPPORT AND THE ROLE OF TRUST IN GOVERNMENT, 2014-2015, USA**

Marcella Boynton<sup>\*1</sup>, Joseph Lee<sup>2</sup>, Amanda Richardson<sup>1</sup>, Adam Goldstein<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>East Carolina University, NC, USA

11:00 a.m.-11:15 a.m.

**MENTHOL CIGARETTE SALES IN CANADA - KEY TRENDS**

Robert Nugent, MA, Andres Busse, BA, Denis Choinière, BSc, Gohar Razi, MBA, Gabrielle Tremblay, MA, Tobacco Control Directorate, Health Canada

11:15 a.m.-11:30 a.m.

**COMBUSTIBLE CIGARETTES COST LESS TO USE THAN E-CIGARETTES: GLOBAL EVIDENCE AND TAX POLICY IMPLICATIONS**

Alex Liber, MSPH<sup>1</sup>, Jeffrey Drope, PhD<sup>2</sup>, Michal Stoklosa, MA<sup>2</sup>, <sup>1</sup>University of Michigan, <sup>2</sup>American Cancer Society

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10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 1: Paper Session 4**

**SMOKING IN LOW-INCOME POPULATIONS**

*Session Chair: Eric Augustin, PhD*

*Audience: PH/E, P, HD, I, LMIC*

10:00 a.m.-10:15 a.m.

**EFFECTS OF NEGATIVE INCOME SHOCK ON CIGARETTE DEMAND AND CRAVING**

*Jeffrey Stein\*, Mikhail Koffarnus, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA*

10:15 a.m.-10:30 a.m.

**TWELVE MONTH OUTCOMES OF A COMMUNITY HEALTH ADVOCATE-LED SMOKING CESSATION INTERVENTION IN PUBLIC HOUSING**

*Joanna Burtner, Boston University School of Public Health*

10:30 a.m.-10:45 a.m.

**COORDINATED CARE FOR SMOKING CESSATION IN LOW INCOME VETERANS: THE CONNECT TO QUIT (CTQ) TRIAL**

*Hilary Tindle\*<sup>1</sup>, Nancy Rigotti<sup>2</sup>, Kevin Kraemer<sup>3</sup>, Sharon Stover<sup>3</sup>, Robert Greevy<sup>1</sup>, Oluwatosin Badejo<sup>3</sup>, Adam Gordon<sup>4</sup>, Chester Good<sup>4</sup>, Amy Justice<sup>5</sup>, Saul Shiffman<sup>3</sup>, <sup>1</sup>Vanderbilt University, TN, USA, <sup>2</sup>Massachusetts General Hospital and Harvard Medical School, MA, USA, <sup>3</sup>University of Pittsburgh, PA, USA, <sup>4</sup>VA Pittsburgh Healthcare System, PA, USA, <sup>5</sup>VA Connecticut Healthcare System and Yale University School of Medicine, CT, USA*

10:45 a.m.-11:00 a.m.

**SHOULD WE RELY ON SELF-REPORTED SMOKING ABSTINENCE? RESULTS FROM A RANDOMIZED CLINICAL TRIAL TARGETING LOW-SOCIOECONOMIC STATUS SMOKERS.**

*Ryan Courtney\*<sup>1</sup>, Philip Clare<sup>1</sup>, Kristy Martire<sup>1</sup>, Billie Bonevski<sup>2</sup>, Ron Borland<sup>3</sup>, Chris Doran<sup>2</sup>, Wayne Hall<sup>4</sup>, Michael Farrell<sup>1</sup>, Mohammad Siahpush<sup>5</sup>, Robert West<sup>6</sup>, Veronica Boland<sup>1</sup>, Jaimi Iredale<sup>1</sup>, Richard Mattick<sup>1</sup>, <sup>1</sup>University of New South Wales, Australia, <sup>2</sup>University of Newcastle - Australia, <sup>3</sup>Cancer Council Victoria, Australia, <sup>4</sup>University of Queensland - Australia, <sup>5</sup>University of Nebraska Medical Center, USA, <sup>6</sup>University College London, United Kingdom*

11:00 a.m.-11:15 a.m.

**PREDICTORS OF ADHERENCE TO NICOTINE REPLACEMENT THERAPY (NRT; NICOTINE PATCH) IN A RANDOMIZED CONTROLLED TRIAL IN A HOMELESS POPULATION**

*Olamide Ojo-Fati, University of Minnesota Medical School*

11:15 a.m.-11:30 a.m.

**MINIMISING PARTICIPANT ATTRITION AND MAXIMISING TREATMENT ADHERENCE: INSIGHTS FROM A RANDOMIZED CLINICAL TRIAL OF AUSTRALIAN LOW SOCIO-ECONOMIC SMOKERS.**

*Ryan Courtney\*<sup>1</sup>, Philip Clare<sup>1</sup>, Kristy Martire<sup>1</sup>, Billie Bonevski<sup>2</sup>, Ron Borland<sup>3</sup>, Chris Doran<sup>2</sup>, Wayne Hall<sup>4</sup>, Michael Farrell<sup>1</sup>, Mohammad Siahpush<sup>5</sup>, Robert West<sup>6</sup>, Jaimi Iredale<sup>1</sup>, Veronica Boland<sup>1</sup>, Richard Mattick<sup>1</sup>, <sup>1</sup>University of New South Wales, Australia, <sup>2</sup>University of Newcastle - Australia, <sup>3</sup>Cancer Council Victoria, Australia, <sup>4</sup>University of Queensland - Australia, <sup>5</sup>University of Nebraska Medical Center, USA, <sup>6</sup>University College London - United Kingdom*



11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Poster Session 1: Clinical**

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Lunch Break**

Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

11:45 a.m.-1:00 p.m. . . . . Mayfair (Level 2)

**Past Presidents Luncheon**

(by invitation only)

1:00 p.m.-2:30 p.m. . . . . Sheraton 4 (Level 4)

**Podium Presentation 2: Symposium 5**

**EVALUATING ADVERSE EVENTS IN A GLOBAL SMOKING CESSATION STUDY (EAGLES): A RANDOMIZED, CONTROLLED TRIAL COMPARING THE SAFETY AND EFFICACY OF THE FIRST-LINE SMOKING CESSATION AIDS IN SMOKERS WITH AND WITHOUT PSYCHIATRIC DISORDERS**

*Chair: Robert Anthenelli, MD, University of California, San Diego, California, USA*

*Presenters: Judith Prochaska, PhD, MPH, Stanford University, Stanford, California, USA; Neal Benowitz, MD, University of California, San Francisco, California, USA; Robert West, PhD, University College, London, United Kingdom; Robert Anthenelli, MD, University of California, San Diego, California, USA*

*Audience: C, PH/E, HD*

Up to two-thirds of smokers who try to quit do so without assistance due, in part, to concerns about the neuropsychiatric (NPS) safety risk of smoking cessation medications. Results from large observational cohort studies and meta-analyses of randomized controlled trials (RCTs) provide reassurance that the non-nicotine smoking cessation aids, varenicline and bupropion SR, are not associated with serious NPS adverse events (AEs). However, what has been lacking until now is a RCT that directly compares these agents with placebo and an active comparator (transdermal nicotine patch) and that systematically probes for NPS AEs while smokers are trying to quit. This symposium will describe the main findings from the 16-country, multicenter EAGLES trial—the largest trial of pharmacotherapy for smoking cessation conducted to date. It examined the safety and efficacy of varenicline, bupropion SR, and transdermal nicotine patch in a double blind, triple-dummy, placebo-controlled RCT in cohorts of smokers with (N=4074) and without (N=3984) psychiatric disorders. Dr. Prochaska will present the background for the EAGLES trial and will examine the strengths and limitations of FDA MedWatch and Adverse Events Reporting System data, and the associations between smoking and NPS AEs. Dr. Benowitz will present an overview of the EAGLES trial study design and will reveal the main safety results that are based on a composite endpoint and stringent NPS AE monitoring. Dr. West will then present the top-line efficacy results in the head-to-head comparisons among varenicline, bupropion SR, transdermal nicotine patch, and placebo. Dr. Anthenelli will examine the relationships between smoking and suicidal ideation/behavior in cohorts of participants with and without psychiatric disorders, and will discuss results obtained using the Columbia Suicide Severity Rating Scale that was administered throughout the EAGLES trial. Dr. Hughes will serve as the discussant for the symposium, synthesizing the results from the four presentations and placing them in the context of other studies assessing the safety and efficacy of these first-line smoking cessation medications.

**Audience Key:**

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 2: Symposium 6**

**EMERGING EVIDENCE FROM THE TCORS: CIGAR USE PREVALENCE, CORRELATES, AND HEALTH EFFECTS**

*Chair: Rachel A. Grana, PhD, MPH, National Cancer Institute*

*Presenters: Arunava Ghosh, PhD, University of North Carolina; Jennifer Corcchionne, PhD, University of North Carolina;*

*Melissa Harrell, PhD, MPH, University of Texas Health Science Center at Houston; Kymberle Sterling, DrPH, MPH, Georgia State University*

*Audience: PH/E, P*

Cigar use, which includes large cigars, little cigars and cigarillos, is a combustible form of tobacco use, and confers elevated health risks for tobacco-related diseases, including oral and esophageal cancers, even among those who report they do not inhale the smoke. Although cigarette use has declined, cigar use has increased among adults in recent years and is equally prevalent as cigarette use among youth. Cigar products are still available in several fruit and candy flavors, such as grape, blueberry, and vanilla – flavors that have been banned in cigarettes - which may likely be increasing their appeal among youth. Cigars are often used concurrently with cigarettes or other tobacco products (dual use), which may increase health and addiction risks to users, particularly if the dual use is sustained over a long period of time. Moreover, use of cigars may exacerbate health disparities, as more African American youth, both high school and middle school students, report cigar use than white youth. Researchers participating in this symposium are part of the FDA-funded, NIH Tobacco Centers of Regulatory Science and will present original research findings from their studies. Research presented will address correlates, perceptions about and motivations for cigar use, and health effects posed by cigar use and exposure. Dr. Arunava Ghosh will present the effects of little cigars on airway epithelia. Dr. Jennifer Cornacchione will present nationally-representative data on little cigar and cigarillo use and susceptibility among adolescents, young adults and adults. Dr. Melissa Harrell will present findings from survey research with Texas youth on the prevalence, perceptions and practices of cigar users, including flavored product use. Dr. Kymberle Sterling will present research on risk perceptions and intentions to use little cigars and cigarillos among adult dual users. Rachel Grana will chair the session and provide an overview of the TCORS and key cigar-related research questions. Cindy Tworek will participate as a discussant addressing the key public health issues and regulatory issues raised by the findings presented in the session.

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 2: Symposium 7**

**TOBACCO REGULATORY SCIENCE AND VULNERABLE POPULATIONS**

*Co-chairs: Stephen T. Higgins, PhD, University of Vermont;*

*Terry F. Pechacek, PhD, Georgia State University*

*Presenters: Cassandra A. Stanton, PhD, Westat; Allison N.*

*Kurti, PhD, University of Vermont; Pratibha Nayak, PhD,*

*Georgia State University; M. Justin Byron, PhD, University of North Carolina*

*Audience: PH/E, HD, P*

Passage of the 2009 Family Smoking Prevention and Tobacco Control Act granted regulatory authority over tobacco and nicotine delivery products to the U.S. Food and Drug Administration (FDA). This landmark legislation also created a substantial need for additional research to assure that the necessary information was available to the FDA to sup-



port evidence-based regulatory actions to protect the public health from the adverse effects of existing and new tobacco and nicotine delivery products. Meeting that need was the rationale behind the FDA's creation of the network of 14 Tobacco Centers of Regulatory Science (TCORS) along with a coordinating center (CECTR). This symposium is being submitted by the FDA TCORS Working Group on Vulnerable Populations. Protecting the public health is the overarching aim of this regulatory effort. A critically important aspect of meeting that aim is increasing understanding of tobacco use and cessation patterns, manufacturer marketing strategies, user risk perceptions, and adverse health impacts from use of tobacco and nicotine delivery products in especially vulnerable populations (i.e., populations at increased risk for product use or for suffering adverse effects from use). The proposed symposium involves contributions from 5 of the 14 TCORS and the coordinating center, and examines how (a) tobacco manufacturers market products to vulnerable populations, (b) vulnerabilities intersect with each other in conferring risk, (c) co-morbid conditions are associated with persistent use patterns, and (d) e-cigarette use is associated with plans to quit smoking in vulnerable populations. Each of these individual presentations will contribute new knowledge on marketing or use of tobacco and nicotine products in vulnerable populations that has tobacco regulatory science implications. Our Co-Chairs and Discussant have considerable experience in tobacco control and regulatory research and will contribute to synthesizing the information from the individual presentations into an overarching framework underscoring implications for potential regulatory actions.

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 2: Paper Session 5  
MARIJUANA AND TOBACCO USE**

*Session Chair: Lucy Popova, PhD*

*Audience: PH/E, P, HD, I*

1:00 p.m.-1:15 p.m.

**HOW DO TOBACCO AND MARIJUANA INTERACT  
TO INFLUENCE THE HEALTH CONSEQUENCES OF  
SMOKING? A SYSTEMATIC AND CRITICAL REVIEW OF  
THE LITERATURE**

*Erica Peters, PhD\*, Chirag Pancholi, Victoria Coleman-Cowger, PhD, Bartosz Koszowski, PhD, PharmD, Wallace Pickworth, PhD, Battelle Public Health Center for Tobacco Research*

1:15 p.m.-1:30 p.m.

**TRENDS IN TOBACCO USE AND CESSATION AMONG  
ADULT MARIJUANA USERS WITH A HISTORY OF  
TOBACCO USE, 2003-2012**

*Gillian Schauer, PhD, MPH<sup>\*1</sup>, Brian King, PhD, MPH<sup>2</sup>, Tim McAfee, MD, MPH<sup>2</sup>, <sup>1</sup>Carter Consulting Inc. for Centers for Disease Control and Prevention, <sup>2</sup>Centers for Disease Control and Prevention*

1:30 p.m.-1:45 p.m.

**REGULATING RETAIL MARIJUANA: LESSONS LEARNED  
FROM TOBACCO CONTROL**

*Rachel Barry, MA\*, Stanton Glantz, PhD, University of California, San Francisco*

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

Thursday, March 3, 2016

1:45 p.m.-2:00 p.m.

**POLYTOBACCO, ALCOHOL, AND MARIJUANA USE PATTERNS IN COLLEGE STUDENTS: A LATENT CLASS ANALYSIS**

*Regine Haardörfer<sup>\*1</sup>, Carla Berg<sup>1</sup>, Michael Lewis<sup>2</sup>, Bennett McDonald<sup>1</sup>, Drishti Pillai<sup>1</sup>, Jackelyn Payne<sup>1</sup>, Michael Windle<sup>1</sup>,  
<sup>1</sup>Rollins School of Public Health, Emory University, GA, USA,  
<sup>2</sup>Goizueta Business School, Emory University, GA, USA*

2:00 p.m.-2:15 p.m.

**HIGH SCHOOL STUDENTS USE E-CIGARETTES TO VAPORIZE CANNABIS**

*Meghan Morean<sup>\*1</sup>, Grace Kong<sup>2</sup>, Deepa Camenga<sup>2</sup>, Dana Cavallo<sup>2</sup>, Patricia Simon<sup>2</sup>, Suchitra Krishnan-Sarin<sup>2</sup>, <sup>1</sup>Oberlin College and Yale School of Medicine, OH, USA, <sup>2</sup>Yale School of Medicine, CT, USA*

2:15 p.m.-2:30 p.m.

**PILOT STUDY OF FEASIBILITY AND PRELIMINARY EFFECTIVENESS OF VARENICLINE FOR CO-OCCURRING TOBACCO AND CANNABIS USE**

*Shadi Nahvi, MD, MS\*, Tangeria Adams, BA, Julia Arnsten, MD, MPH, Yuming Ning, PhD, Albert Einstein College of Medicine / Montefiore Medical Center*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 2: Paper Session 6**

**GLOBAL EPIDEMIOLOGY OF E-CIGARETTES**

*Session Chair: Jamie Brown, PhD*

*Audience: PH/E, P, HD, I, LMIC*

1:00 p.m.-1:15 p.m.

**NATIONAL AND STATE-SPECIFIC TRENDS IN SALES AND PRICES OF FLAVORED DISPOSABLE ELECTRONIC CIGARETTES - UNITED STATES, 2011-2015**

*Doris Gammon<sup>\*1</sup>, Todd Rogers<sup>2</sup>, Brett Loomis<sup>1</sup>, Brian King<sup>3</sup>, Erika Fulmer<sup>3</sup>, <sup>1</sup>Research Triangle Institute International, NC, USA, <sup>2</sup>Research Triangle Institute International, CA, USA, <sup>3</sup>Centers for Disease Control and Prevention, GA, USA*

1:15 p.m.-1:30 p.m.

**E-CIGARETTE USE IN CANADA: FINDINGS FROM A NATIONALLY REPRESENTATIVE SURVEY AND POLICY IMPLICATIONS**

*Jessica Reid\*, Vicki Rynard, Christine Czoli, David Hammond, University of Waterloo, ON, Canada*

1:30 p.m.-1:45 p.m.

**ELECTRONIC CIGARETTE USE IN THE UK: CURRENT TRENDS IN USE AND PRODUCT PERCEPTIONS**

*Linda Bauld, PhD\*, University of Stirling*

1:45 p.m.-2:00 p.m.

**ELECTRONIC CIGARETTES USING STATUS AND RELATING FACTORS AMONG KOREAN ADULT SMOKERS: FINDINGS FROM THE INTERNATIONAL TOBACCO CONTROL (ITC) KOREA SURVEY**

*Yeol Kim<sup>1</sup>, Hong Gwan Seo<sup>1</sup>, Anne Quah<sup>2</sup>, Geoffrey Fong<sup>2</sup>, Eun Young Kim<sup>\*1</sup>, Mi Yan<sup>2</sup>, <sup>1</sup>National Cancer Center, Republic of Korea, <sup>2</sup>University of Waterloo, Canada*

2:00 p.m.-2:15 p.m.

**ELECTRONIC CIGARETTE AWARENESS AND USE AMONG CHINESE ADULTS IN HONG KONG**

*Nan Jiang<sup>\*1</sup>, Jing Chen<sup>1</sup>, Man Ping Wang<sup>1</sup>, Sarah McGhee<sup>1</sup>, Antonio Kwong<sup>2</sup>, Vienna Lai<sup>2</sup>, Tai Hing Lam<sup>1</sup>, <sup>1</sup>University of Hong Kong, Hong Kong, <sup>2</sup>Hong Kong Council on Smoking and Health, Hong Kong*



2:15 p.m.-2:30 p.m.

**PREVALENCE AND CORRELATES OF E-CIGARETTE PERCEPTIONS AND TRIAL AMONG MEXICAN ADOLESCENTS**

*Erika Abad-Vivero<sup>1</sup>, Inti Barrientos-Gutierrez<sup>\*1</sup>, Rosaura Pérez-Hernández<sup>1</sup>, Edna Arillo-Santillán<sup>1</sup>, Luz Reynales-Shigematsu<sup>1</sup>, Raul Mejia<sup>2</sup>, James Sargent<sup>3</sup>, James Thrasher<sup>4</sup>, <sup>1</sup>National Institute of Public Health, Mexico, Mexico, <sup>2</sup>Center for the Study of the State and Society, Argentina, <sup>3</sup>Dartmouth College, NH, USA, <sup>4</sup>University of South Carolina, SC, USA*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 2: Paper Session 7**

**SECOND-EXPOSURE TO E-CIGARETTES AND TOBACCO**

*Session Chair: Susan Shick, PhD*

*Audience: BS, PC, PH/E, P, I, LMIC*

1:00 p.m.-1:15 p.m.

**OCCUPATIONAL INTRUSION OF ELECTRONIC CIGARETTE AEROSOL INTO NEIGHBORING SHOPS**

*Evan Floyd<sup>\*1</sup>, Micah Savin<sup>2</sup>, Theodore Wagener<sup>1</sup>, David Johnson<sup>1</sup>, <sup>1</sup>Oklahoma Tobacco Research Center University of Oklahoma - Health Science Center, OK, USA, <sup>2</sup>California State University San Marcos, CA, USA*

1:15 p.m.-1:30 p.m.

**QUANTIFICATION OF SECONDHAND SMOKE EXPOSURE IN SMOKE-FREE AND SMOKE-PERMITTED SUBSIDIZED MULTIUNIT HOUSING**

*Andrea Gentzke<sup>\*1,2</sup>, Lisa Vogl<sup>1</sup>, Cameron Caputi<sup>1,3</sup>, Mark Travers<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>University at Buffalo, NY, USA, <sup>3</sup>Cardinal O'Hara High School*

1:15 p.m.-1:30 p.m.

**QUANTIFICATION OF THIRDHAND SMOKE POLLUTION IN SMOKE-FREE AND SMOKING-ALLOWABLE UNITS AND COMMON AREAS OF MULTIUNIT HOUSING**

*Andrea Gentzke<sup>\*1,2</sup>, Mark Travers<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>University at Buffalo, NY, USA*

1:30 p.m.-1:45 p.m.

**PROPERTIES OF E-CIGARETTE EMISSIONS THAT PROMOTE SECONDHAND EXPOSURE**

*Seung-Hyun Cho, RTI International, NC, USA*

1:45 p.m.-2:00 p.m.

**SHS EXPOSURES (COTININE LEVELS) AMONG BANGLADESHI SCHOOL CHILDREN**

*Sarwat Shah<sup>\*1</sup>, Rumana Huque<sup>2</sup>, Kamran Siddiqi<sup>1</sup>, <sup>1</sup>University of York, United Kingdom, <sup>2</sup>ARK Foundation, Dhaka, Bangladesh*

2:00 p.m.-2:15 p.m.

**USE OF ELECTRONIC CIGARETTES IN SMOKE-FREE ENVIRONMENT**

*Yuyan Shi<sup>\*</sup>, Shu-hong Zhu, University of California, San Diego, CA, USA*

Thursday, March 3, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

2:15 p.m.-2:30 p.m.

**ASSESSMENT OF RESIDENTS' ATTITUDES AND SATISFACTION BEFORE AND AFTER IMPLEMENTATION OF A SMOKE-FREE POLICY IN BOSTON MASSACHUSETTS MULTIUNIT HOUSING**

*Slawa Rokicki<sup>1</sup>, Gary Adamkiewicz<sup>2</sup>, Shona Fang<sup>2,3</sup>, Nancy Rigotti<sup>4</sup>, Jonathan Winickoff<sup>4</sup>, Douglas Levy<sup>\*4</sup>, <sup>1</sup>Harvard University, MA, USA, <sup>2</sup>Harvard T.H. Chan School of Public Health, MA, USA, <sup>3</sup>New England Research Institutes, Inc., MA, USA, <sup>4</sup>1. Massachusetts General Hospital 2. Harvard Medical School, MA, USA*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 2: Paper Session 8**

**MARKETING OF TOBACCO PRODUCTS**

*Session Chair: Janet Hoek, PhD*

*Audience: PH/E, P, HD, I*

1:00 p.m.-1:15 p.m.

**PHARMACIES SELL CIGARETTES CHEAPER: RESULTS FROM RETAIL MARKETING SURVEILLANCE IN STATE AND NATIONAL SAMPLES**

*Lisa Henriksen<sup>\*1</sup>, Nina Schleicher<sup>1</sup>, Dianne Barker<sup>2</sup>, Yawen Liu<sup>3</sup>, Frank Chaloupka<sup>3</sup>, <sup>1</sup>Stanford Prevention Research Center, CA, USA, <sup>2</sup>Barker Bi-Coastal Health Consultants, CA, USA, <sup>3</sup>University of Illinois - Chicago, IL, USA*

1:15 p.m.-1:30 p.m.

**HIDING THE TOBACCO POWERWALL REDUCES CIGARETTE SMOKING RISK IN ADOLESCENTS: AN EXPERIMENTAL INVESTIGATION**

*William Shadel<sup>\*</sup>, Steven Martino, Claude Setodji, Deborah Scharf, Daniela Kusuke, Angela Sicker, Min Gong, RAND Corporation, PA, USA*

1:30 p.m.-1:45 p.m.

**DIRECT MAIL AND E-MAIL MARKETING OF ELECTRONIC CIGARETTES IN THE US**

*Lyubov Teplitzskaya, BS<sup>\*1</sup>, Ollie Ganz, MSPH<sup>2</sup>, Jessica Rath, PhD, MPH<sup>3</sup>, Jennifer Cantrell, DrPH, MPA<sup>3</sup>, Elizabeth Hair, PhD<sup>3</sup>, Donna Vallone, PhD, MPH<sup>4</sup>, <sup>1</sup>Truth Initiative, Zanvyl Krieger School of Arts & Sciences, Johns Hopkins University, DC, USA, <sup>2</sup>Truth Initiative, George Washington University Milken Institute School of Public Health, DC, USA, <sup>3</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>4</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, NYU College of Global Public Health, DC, USA*

1:45 p.m.-2:00 p.m.

**THE IMPACT OF CHINA NATIONAL TOBACCO COMPANY'S STRATEGY OF GROWING FLAGSHIP CIGARETTE BRANDS ON CHINESE URBAN SMOKERS: FINDINGS FROM THE ITC CHINA SURVEY**

*Steve Xu<sup>\*1</sup>, Gang Meng<sup>1</sup>, Richard O'Connor<sup>2</sup>, Tara Elton-Marshall<sup>3</sup>, Anne Quah<sup>1</sup>, Guoze Feng<sup>4</sup>, Lin Li<sup>5</sup>, Geoffrey Fong<sup>1</sup>, Yuan Jiang<sup>4</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>Roswell Park Cancer Institute, NY, USA, <sup>3</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>4</sup>Chinese Center for Disease Control and Prevention, China, <sup>5</sup>Cancer Care Victoria, Australia*





2:00 p.m.-2:15 p.m.

**SUBSTITUTABILITY OF REDUCED NICOTINE CIGARETTES AND ELECTRONIC CIGARETTES: THE EXPERIMENTAL TOBACCO MARKETPLACE AS A TOOL TO INFORM REGULATORY STANDARDS FOR NOVEL PRODUCTS**

Bryan Heckman<sup>\*1</sup>, K. Michael Cummings<sup>1</sup>, Suzanne Heijndijk<sup>2</sup>, Marc Willemsen<sup>2,3</sup>, Ron Borland<sup>4</sup>, Warren Bickel<sup>5</sup>, Richard O'Connor<sup>6</sup>, Warren Bickel<sup>5</sup>, <sup>1</sup>Medical University of South Carolina, SC, USA, <sup>2</sup>Dutch Alliance for a Smokefree Society, Netherlands, <sup>3</sup>Maastricht University, Netherlands, <sup>4</sup>Cancer Council Victoria, Australia, <sup>5</sup>Virginia Tech Carilion Research Institute, VA, USA, <sup>6</sup>Roswell Park Cancer Institute, NY, USA

2:15 p.m.-2:30 p.m.

**NATIONAL EVIDENCE LGBT ARE MORE FREQUENTLY EXPOSED TO TOBACCO MESSAGES ON SOCIAL MEDIA BUT NOT ON TELEVISION**

Kristen Emory, PhD<sup>1</sup>, Lisa Vera<sup>1</sup>, Dennis Trinidad, PhD<sup>1</sup>, Sherry Emery, PhD<sup>2</sup>, <sup>1</sup>University of California, San Diego, <sup>2</sup>University of Illinois at Chicago

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 2: Paper Session 9  
GENETICS AND SMOKING**

Session Chair: Tellervo Korhonen, PhD

Audience: BS, PC, C, T

1:00 p.m.-1:15 p.m.

**DETERMINATION OF PREDICTORS OF CYP2A6 PROTEIN LEVELS AND NICOTINE METABOLISM IN A HUMAN LIVER BANK: INFLUENCE OF GENETIC AND NON-GENETIC FACTORS**

Julie-Anne Tanner<sup>\*1</sup>, Amarjit Chaudhry<sup>2</sup>, Bhagwat Prasad<sup>3</sup>, Erin Schuetz<sup>2</sup>, Kenneth Thummel<sup>3</sup>, Rachel Tyndale<sup>1</sup>, <sup>1</sup>University of Toronto, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>St Jude Children's Research Hospital, TN, USA, <sup>3</sup>University of Washington, WA, USA

1:15 p.m.-1:30 p.m.

**GENE BY ENVIRONMENT INVESTIGATION OF INCIDENT LUNG CANCER RISK IN AFRICAN-AMERICANS**

Ange Wang<sup>1</sup>, Michael Henderson, John Wiencke<sup>2</sup>, Helena Furberg<sup>3</sup>, Charles Kooperberg<sup>4</sup>, Kristopher Kapphahn<sup>5</sup>, Hilary Tindle<sup>6</sup>, Ann Schwartz<sup>7</sup>, Margaret Spitz<sup>8</sup>, Christopher Amos<sup>9</sup>, <sup>1</sup>Stanford Prevention Research Center, Department of Medicine, Stanford University School of Medicine, CA, USA, <sup>2</sup>Department of Neurological Surgery, University of California, San Francisco, CA, USA, <sup>3</sup>Department of Epidemiology and Biostatistics, Memorial Sloan Kettering Cancer Center, NY, USA, <sup>4</sup>Division of Public Health Sciences, Fred Hutchinson Cancer Research Center, WA, USA, <sup>5</sup>Quantitative Sciences Unit, Department of Medicine, Stanford University School of Medicine, CA, USA, <sup>6</sup>Department of Medicine, Vanderbilt University School of Medicine, TN, USA, <sup>7</sup>Department of Oncology, Karmanos Cancer Institute, Wayne State University, MI, USA, <sup>8</sup>Dan L. Duncan Cancer Center, Baylor College of Medicine, TX, USA, <sup>9</sup>Norris Cotton Cancer Center, Geisel School of Medicine at Dartmouth, NH, USA

Audience Key:

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Thursday, March 3, 2016



1:30 p.m.-1:45 p.m.

**GENE X SMOKING INTERACTIONS IN THE VENTROMEDIAL PFC: ALPHA 5 NICOTINIC CHOLINERGIC RECEPTOR GENE VARIATION AND SMOKING EFFECTS ON ADOLESCENT GREY MATTER**  
*Bader Chaarani, VCBH - University of Vermont*

1:45 p.m.-2:00 p.m.

**VARIATION IN THE CYP2A6 GENE AND NICOTINE METABOLISM AMONG AMERICAN INDIAN TRIBAL GROUPS WITH DIFFERENT LEVELS OF SMOKING AND RISK FOR TOBACCO-RELATED CANCER**

*Julie-Anne Tanner\*<sup>1</sup>, Jeffrey Henderson<sup>2</sup>, Barbara Howard<sup>3</sup>, Dedra Buchwald<sup>4</sup>, Rachel Tyndale<sup>1</sup>, <sup>1</sup>University of Toronto, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>Black Hills Center for American Indian Health, SD, USA, <sup>3</sup>Medstar Health Research Institute, MD, USA, <sup>4</sup>University of Washington's Partnerships for Native Health, WA, USA*

2:00 p.m.-2:15 p.m.

**NOVEL TOBACCO SMOKE-RESPONSIVE GENE ENHANCERS IDENTIFIED THROUGH INTEGRATION OF SMOKING-ASSOCIATED DNA METHYLATION CHANGES AND ALVEOLAR EPIGENOMES**

*Wen-Qing Li<sup>1</sup>, Theresa Stueve\*<sup>2</sup>, Jianxin Shi<sup>1</sup>, Crystal Marconett<sup>2</sup>, Chenchen Yang<sup>3</sup>, Beiyun Zhou<sup>2</sup>, Zea Borok<sup>2</sup>, Neil Caporaso<sup>1</sup>, Ite Laird-Offringa<sup>2</sup>, Maria Landi<sup>1</sup>, <sup>1</sup>Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institute of Health, MD, USA, <sup>2</sup>Norris Comprehensive Cancer Center, Keck School of Medicine, University of Southern California, CA, USA, <sup>3</sup>Norris Cancer Center, Keck School of Medicine, University of Southern California, CA, USA*

2:15 p.m.-2:30 p.m.

**A NOVEL ASSAY FOR ASSESSMENT OF TOBACCO-INDUCED CANCER RISK**

*Vengatesh Ganapathy\*<sup>1</sup>, Wilbur Mills<sup>1</sup>, Elangovan Thavathiru<sup>1</sup>, Ilangovan Ramachandran<sup>2</sup>, Leslie Chandler<sup>3</sup>, Antonio Reis<sup>1</sup>, <sup>1</sup>The University of Oklahoma Health Sciences Center, OK, USA, <sup>2</sup>University of Madras, India, <sup>3</sup>The Oklahoma Tobacco Research Center, OK, USA*

2:30 p.m.-3:00 p.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Refreshment Break & Exhibitor Time**

3:00 p.m.-4:00 p.m. . . . . Chicago Ballroom 6 (Level 4)  
**Pre-Clinical Theme Lecture**

***Translational Research in Nicotine Dependence:  
A New Target for an old Drug***

*Professor Julie Blendy, PhD  
University of Pennsylvania Medical School, Philadelphia*

4:00 p.m.-4:30 p.m.

**Break**

4:30 p.m.-6:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)  
**Poster Session 2: Policy, Pre-Clinical and Other**



6:00 p.m.-7:15 p.m. . . . . Chicago Ballroom 6 (Level 4)  
*Session Chair: Robin Mermelstein, PhD*

### **Presidential Symposium**

#### ***Highlighted Findings From Wave 1 of the Population Assessment of Tobacco and Health Study***

*Andrew Hyland, PhD*

*Roswell Park Cancer Institute*

The National Institutes of Health, through the National Institute on Drug Abuse, is partnering with the Food and Drug Administration's Center for Tobacco Products to conduct the Population Assessment of Tobacco and Health (PATH) Study, under a contract with Westat. The PATH Study is an address-based nationally representative, longitudinal cohort study of 45,675 adults and youth in the United States aged 12 years and older. The study uses Audio-Computer Assisted Self-Interviews for adults and youth to collect information on tobacco-use patterns across tobacco products on the U.S. market; risk perceptions and attitudes towards tobacco products including emerging tobacco products; and tobacco initiation, cessation, and relapse behaviors. Additionally, the PATH Study collects biospecimens among consenting adults aged 18 years of age and older for future evaluation of biomarkers of exposure and harm related to tobacco use. Expanding upon the interim Wave 1 data presented at SRNT in 2015, we will provide a short overview of the design and methods of the PATH Study and then provide highlighted results from the entire Wave 1 sample. We will report on domains related to the appeal, addictiveness and harm of tobacco products, including youth susceptibility, experimentation and use of products; harm perceptions and exposure to marketing as well as adult use and harm perceptions of tobacco products. Additional behavioral data on selected tobacco products will be discussed. The presentation will conclude with a summary of Wave 2 and Wave 3 data collection progress and the next steps for the PATH Study, information on how researchers can access Wave 1 PATH Study questionnaire data through a Restricted Use File, and questions from the audience.

*FUNDING: This project has been funded in whole with federal funds from the National Institute on Drug Abuse, National Institutes of Health, and the Food and Drug Administration, Department of Health and Human Services under Contract #HHSN271201100027C*

7:00 p.m.-8:30 p.m. . . . . Riverwalk A (River Exhibition Level 1)  
**Trainee Network Reception**

Thursday, March 3, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/  
 Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC:  
 Lower-Middle Income Countries; T=Treatment

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**SESSION SUMMARY  
FRIDAY  
MARCH 4, 2016**

Friday, March 4, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/  
Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC:  
Lower-Middle Income Countries; T=Treatment

[illegible]





## FRIDAY, MARCH 4, 2016

7:00 a.m.-5:00 p.m. . . . . Ballroom Office (Level 4)  
**Speaker Ready Room**

7:30 a.m.-8:15 a.m. . . . . Chicago Ballroom 10 (Level 4)  
**SRNT Members' Meeting**  
*(All members are welcome to attend.)*

8:00 a.m.-5:00 p.m. . . . . Ballroom Promenade (Level 4)  
**Registration**

8:30 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Public Policy Theme Lecture**  
***A Failure of Mission—Distinguishing Nicotine From Tobacco***  
*Professor Ann McNeill, PhD*  
 National Addiction Centre, King's College London, UK

9:30 a.m.-10:00 a.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Refreshment Break & Exhibitor Time**

9:30 a.m.-3:30 p.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Exhibits Open**

10:00 a.m.-11:30 a.m. . . . . Sheraton 4 (Level 4)  
**Podium Presentation 3: Symposium 8**  
**E-CIGARETTE FLAVORING IN NICOTINE CONSUMPTION AND REWARD**

*Co-chairs: Mariella De Biasi, PhD, Department of Psychiatry, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA; Janet Audrain-McGovern, PhD, Department of Psychiatry, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA*

*Presenters: Gideon St.Helen, PhD, Division of Clinical Pharmacology, Department of Medicine, University of California, San Francisco, CA; Janet Audrain-McGovern, PhD, Department of Psychiatry, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA; Paul Harrell, PhD, Eastern Virginia Medical School, Norfolk, VA; Mariella De Biasi, PhD, Department of Psychiatry, Perelman School of Medicine, University of Pennsylvania School of Medicine, Philadelphia, PA*

*Audience: PC, C*

Electronic cigarettes (e-cigarettes, e-cigs) are aggressively marketed, widely available and increasingly popular. While an e-cig delivers lower levels of known toxins than a traditional, combusted cigarette, both deliver nicotine, potentially fostering cross-product or dual use through dependence on nicotine. Availability of, and preference for flavors is an important motivation for e-cig use. Appealing flavors provide the opportunity for repeated nicotine exposure and ultimately the development and persistence of nicotine dependence. This symposium brings together scientists at different stages of their career to present translational research aimed at determining how e-cigarette flavoring promotes and maintains e-cigarette use. Dr. St. Helen, from UCSF will report on the impact of flavors on nicotine consumption and the addictive potential of e-cigarette. Dr. Audrain-McGovern from the University of Pennsylvania will present findings on the rewarding and the reinforcing effects of e-cigarette flavoring and their role in vaping behavior. Dr. Harrell from Eastern Virginia Medical School will discuss how flavors in e-cigarettes may impact the ability to quit. Finally, Dr. De Biasi, from the University of Pennsylvania will report on how e-cigarette flavoring affects reward-related behavior in adolescent mice.

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Friday, March 4, 2016



10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 3: Symposium 9**

**INCORPORATING GENOMIC DATA INTO TREATMENT  
RESEARCH: CONSENSUS APPROACHES, GENOME-WIDE  
ANALYSES, AND PROSPECTS FOR TRANSLATION**

*Chair: Andrew W. Bergen, PhD, BioRealm, SRI International*

*Presenters: Nancy L. Saccone, PhD, Washington University;  
Li-Shiun Chen, MD, MPH, ScD, Washington University; Anu  
Loukola, PhD, University of Helsinki; James W. Baurley, PhD,  
BioRealm*

*Audience: BS, C, T, PH/E*

The efficacies of FDA-approved smoking cessation pharmacotherapies are known, but subgroups defined by clinical and genetic factors have different responses to therapy. For example, nicotine dependence measures, *CHRNA5* variants, *CYP2A6* variation associated with *CYP2A6* metabolic activity, and direct measures of nicotine metabolism such as the nicotine metabolite ratio (NMR), are associated with prospective abstinence in randomized clinical trials. Heritability estimates for nicotine dependence, nicotine metabolism and smoking cessation are substantial. Common genetic variation, and ultimately, “omic” information, in combination with clinical factors, could be used to personalize smoking cessation pharmacotherapy. Dr Bergen will introduce the themes of the symposium, the presenters and the discussant. Dr Saccone will review the current status of genetic studies of smoking cessation and the potential benefits of incorporating various -omic data into clinical trials. Dr Chen will present the latest consensus approaches to incorporating biospecimen analyses in randomized clinical trials, including human subjects and phenotyping issues, and present an update on an ongoing genotype-stratified clinical trial of smoking cessation. Dr Loukola will present results from the first GWAS of the NMR in smokers and integrated methylation quantitative locus analysis which has defined hundreds of genome wide significant SNPs, explains a large fraction of the variance, and where genetic risk score is associated with consumption. Dr Baurley will present the design characteristics of a genome-wide genotyping array for the study of addictive disorders, and will provide results from the first GWAS of the NMR derived from laboratory studies of nicotine metabolism including results from three different ancestries. Dr. David will lead the discussion, reflecting upon past genetic studies and helping interpret recent genomic findings and their potential translation to practice.

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 3: Symposium 10**

**ADDRESSING TOBACCO USE AMONG INDIVIDUALS  
WITH MEDICAL AND PSYCHIATRIC CONDITIONS:  
CONTROVERSIES AND CHALLENGES**

*Chair: Nancy A. Rigotti, MD, Massachusetts General Hospital*

*Presenters: Cheryl A. Oncken, MD, University of Connecticut  
Health Center; Judith J. Prochaska, PhD, MPH, Stanford  
University; Damon Vidrine, DrPH, MS, University of Oklahoma  
Health Sciences Center; Graham W. Warren, MD, PhD, Medi-  
cal University of South Carolina*

*Audience: C, HD, T, PH/E*

Continuing to smoke adversely affects disease outcomes of individuals with co-occurring medical and psychiatric conditions, but addressing tobacco dependence is not well integrated into routine health care for these conditions. Co-occurring health conditions have the potential to either stimulate or interfere with motivation to quit and with the success of tobacco dependence treatment. This symposium will present new





data on challenges and strategies for providing tobacco dependence treatment to individuals with 4 co-occurring health conditions—pregnancy, HIV infection, psychiatric illness, and cancer. As Chair, Dr. Nancy Rigotti will give a brief overview of research questions raised by co-morbid health conditions. Clinical topic experts will present data highlighting challenges and successes in treating tobacco dependence in patients with: (1) HIV infection (Dr. Damon Vidrine); (2) psychiatric illness (Dr. Judith Prochaska); (3) pregnancy (Dr. Cheryl Oncken); and (4) cancer (Dr. Graham Warren). Dr. Vidrine will present new data on the effect that an HIV diagnosis and/or change in status may have on subsequent smoking-related attitudes and behaviors. Dr. Oncken will describe examples where research findings are being translated into clinical care for pregnant smokers and address her findings about the use of electronic cigarettes in this population and implications for treatment. Dr. Prochaska will present findings of a new randomized trial testing different intensities of tobacco treatment initiated among smokers hospitalized in an inpatient psychiatry unit. Dr. Warren will describe strategies to implement tobacco cessation into the management of patients with cancer and address patient and institutional level challenges to implementing and sustaining evidence-based cessation support. As discussant, Dr. Tim McAfee, former Director of the CDC's Office of Smoking and Health, will describe how CDC's TIPS media campaign targeted smokers with these conditions in its messaging, and integrate clinical and a public health perspectives about addressing tobacco use in individuals with co-occurring medical and psychiatric conditions.

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)

### **Podium Presentation 3: Paper Session 10**

#### **WATERPIPE TOBACCO SMOKING**

*Session Chair: Ramzi Salloum, PhD*

*Audience: PC, PH/E, P, HD, I, LMIC*

10:00 a.m.-10:15 a.m.

#### **PREVALENCE AND HARM PERCEPTIONS OF HOOKAH USE AMONG YOUNG ADULTS IN THE UNITED STATES**

*Elizabeth Hair, PhD<sup>\*1</sup>, Ollie Ganz, MSPH<sup>1,2</sup>, Lindsay Pitzer, PhD<sup>1</sup>, Brittany Emelle<sup>1,2</sup>, Jennifer Cantrell, DrPH, MPA<sup>1,3</sup>, Jessica Rath, PhD, MPH<sup>1,3</sup>, Donna Vallone, PhD<sup>1,4</sup>, <sup>1</sup>Truth Initiative, DC, USA, <sup>2</sup>George Washington University Milken Institute School of Public Health, DC, USA, <sup>3</sup>Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>4</sup>College of Global Public Health, New York University, DC, USA*

10:15 a.m.-10:30 a.m.

#### **TRENDS IN HOOKAH USE AMONG NEW JERSEY HIGH SCHOOL STUDENTS: 2008-2014**

*Cristine Delnevo, PhD, MPH<sup>\*1</sup>, Andrea Villanti, PhD, MPH<sup>2</sup>, Mary Hrywna, MPH<sup>1</sup>, Michelle Bover-Manderski, MPH<sup>1</sup>, <sup>1</sup>Rutgers School of Public Health-Center for Tobacco Studies, <sup>2</sup>Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative*

10:30 a.m.-10:45 a.m.

#### **COLLEGE STUDENTS' PERCEPTIONS AND KNOWLEDGE OF HOOKAH USE**

*Alexandra Loukas<sup>\*1</sup>, Keryn Pasch<sup>1</sup>, Xiaoyin Li<sup>1</sup>, Cheryl Perry<sup>2</sup>, <sup>1</sup>University of Texas at Austin, TX, USA, <sup>2</sup>University of Texas School of Public Health Austin Regional Campus, TX, USA*

Audience Key:

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Friday, March 4, 2016



10:45 a.m.-11:00 a.m.

**COLLEGE STUDENTS ARE INTRODUCED TO NICOTINE PRODUCTS THROUGH THE USE OF HOOKAH**

Jessica Kulak<sup>\*1</sup>, Megan Saddleson<sup>1</sup>, Mark Travers<sup>2</sup>, Martin Mahoney<sup>2</sup>, Gary Giovino<sup>1</sup>, <sup>1</sup>University at Buffalo, NY, USA, <sup>2</sup>Roswell Park Cancer Institute, NY, USA

11:00 a.m.-11:15 a.m.

**THE IMPACT OF A BRIEF FEEDBACK CESSATION INDUCTION INTERVENTION FOR TOBACCO WATERPIPE SMOKING**

Eleanor Leavens<sup>\*1</sup>, Dana Mowls<sup>2</sup>, Noor Tahirkhel<sup>2</sup>, Dana Mowls<sup>2</sup>, Emma Brett<sup>3</sup>, Leslie Driskill<sup>2</sup>, Ellen Meier<sup>1</sup>, Mary Beth Miller<sup>3</sup>, Michael Anderson, Theodore Wagener<sup>2</sup>, <sup>1</sup>Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, <sup>2</sup>Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA, <sup>3</sup>Oklahoma State University, OK, USA,

11:15 a.m.-11:30 a.m.

**THE BENEFICIAL EFFECT OF FORCED SWIMMING EXERCISE IN MEMORY IMPAIRMENT INDUCED BY WATERPIPE SMOKE EXPOSURE**

Mahmoud Alomari<sup>1</sup>, Omar Khabour<sup>2</sup>, Abdulsalam Halboup<sup>3</sup>, Alan Shihadeh<sup>4</sup>, Thomas Eissenberg<sup>5</sup>, <sup>1</sup>Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan, <sup>2</sup>Department of Medical Laboratory Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan, <sup>3</sup>Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan, <sup>4</sup>Mechanical Engineering Department, American University of Beirut, Beirut, Lebanon and Center for the Study of Tobacco Products, Richmond, VA, Lebanon, <sup>5</sup>Department of Psychology and Center for the Study of Tobacco Products, Virginia Commonwealth University, Richmond, VA, USA

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 3: Paper Session 11**

**PUBLIC HEALTH POLICY AND HEALTH ECONOMICS**

Session Chair: Jidong Huang, PhD

Audience: P, PH/E,

10:00 a.m.-10:15 a.m.

**INSIGHTS INTO ELECTED OFFICIALS' ATTITUDES AND BELIEFS ON TOBACCO POLICIES, TOBACCO 21**

Ginny Chadwick<sup>\*</sup>, Mansoo Yu, Kevin Everett, University of Missouri-Columbia, MO, USA

10:15 a.m.-10:30 a.m.

**ESCAPE ARTISTS? EXPOSURE TO WORKPLACE SMOKING BANS, DAILY SMOKING PATTERNS, AND CHANGING LOCATIONS TO SMOKE AMONG CIGARETTE SMOKERS**

Michael Dunbar<sup>\*1</sup>, Saul Shiffman<sup>2</sup>, Siddharth Chandra<sup>3</sup>, <sup>1</sup>RAND Corporation, PA, USA, <sup>2</sup>University of Pittsburgh, PA, USA, <sup>3</sup>Michigan State University, MI, USA

10:30 a.m.-10:45 a.m.

**REGULATORY DOMAINS FOR E-CIGARETTES: A POLICY SCAN OF CITIES AND STATES**

Ayodeji Awopegba<sup>\*</sup>, Elaine De Leon, Ryan Kennedy, Joanna Cohen, Institute for Global Tobacco Control, Johns Hopkins Bloomberg School of Public Health, MD, USA



10:45 a.m.-11:00 a.m.

**A DECISION-THEORETIC MODEL OF THE PUBLIC HEALTH IMPLICATIONS OF E-CIGARETTE USE**

David Levy<sup>\*1</sup>, Ronald Borland<sup>2</sup>, Geoffrey Fong<sup>3</sup>, Kenneth Cummings<sup>4</sup>, Raymond Niaura<sup>5</sup>, <sup>1</sup>Georgetown University, DC, USA, <sup>2</sup>Cancer Council Victoria, Australia, <sup>3</sup>University of Waterloo, Canada, <sup>4</sup>Medical University of South Carolina, SC, USA, <sup>5</sup>American Legacy Foundation, DC, USA

11:00 a.m.-11:15 a.m.

**HYPOTHETICAL ATTRIBUTES OF ELECTRONIC CIGARETTES MODULATE BEHAVIORAL ECONOMIC DEMAND AND SUBSTITUTION**

Jeffrey Stein<sup>\*</sup>, Mikhail Koffarnus, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA

11:15 a.m.-11:30 a.m.

**COST-EFFECTIVENESS OF A HEALTH SYSTEM-BASED POPULATION-LEVEL SMOKING CESSATION PROGRAM**

Douglas Levy<sup>\*1,2</sup>, Elissa Klinger<sup>3</sup>, Jeffrey Linder<sup>2,3</sup>, Eric Fleegler<sup>2,4</sup>, Nancy Rigotti<sup>1,2</sup>, Elyse Park<sup>1,2</sup>, Jennifer Haas<sup>2,3,5</sup>, <sup>1</sup>Massachusetts General Hospital, <sup>2</sup>Harvard Medical School, MA, USA, <sup>3</sup>Brigham and Women's Hospital, MA, USA, <sup>4</sup>Children's Hospital Boston, <sup>5</sup>Harvard T.H. Chan School of Public Health, MA, USA

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 3: Paper Session 12**

**SMOKING CESSATION RESEARCH FOR SMOKERS LIVING WITH HIV**

Session Chair: F. Joseph McClernon, PhD

Audience: T, C, HD

10:00 a.m.-10:18 a.m.

**PERCEPTIONS ABOUT SMOKING CESSATION AMONG PEOPLE LIVING WITH HIV AND THEIR HEALTHCARE PROVIDERS**

Maggie Sweitzer, PhD<sup>\*</sup>, Christina Meade, PhD, Andrea Hobkirk, PhD, Lauren Pacek, PhD, F. Joseph McClernon, PhD, Duke University Medical Center

10:18 a.m.-10:36 a.m.

**EXPERIENCES WITH AND INTEREST IN SMOKING CESSATION MODALITIES AMONG SMOKERS LIVING WITH HIV PARTICIPATING IN AN ONLINE SURVEY**

Lauren Pacek, PhD<sup>\*1</sup>, Maggie Sweitzer, PhD<sup>1</sup>, F. Joseph McClernon, PhD<sup>1</sup>, Matthew Johnson, PhD<sup>2</sup>, <sup>1</sup>Duke University Medical Center, <sup>2</sup>Johns Hopkins University School of Medicine

10:36 a.m.-10:54 a.m.

**THE RELATIONSHIP BETWEEN CIGARETTE SMOKING AND ANTIRETROVIRAL ADHERENCE, ENGAGEMENT IN CARE, AND SUSTAINED HIV VIRAL SUPPRESSION AMONG PATIENTS RECEIVING PRIMARY HIV CARE AT A COMMUNITY HEALTH CENTER**

Conall O'Cleirigh, PhD<sup>\*1</sup>, Dana King<sup>2</sup>, Christopher Grasso<sup>3</sup>, Lydia Dant<sup>2</sup>, Heidi Crane, MD, MPH<sup>4</sup>, Kenneth Mayer, MD<sup>5</sup>, <sup>1</sup>Massachusetts General Hospital, <sup>2</sup>Fenway Health, <sup>3</sup>Harvard Medical School, <sup>4</sup>University of Washington School of Public Health, <sup>5</sup>Harvard School of Public Health

Friday, March 4, 2016

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10:54 a.m.-11:12 a.m.

**A PILOT TRIAL EXAMINING RACIAL DIFFERENCES  
IN RESPONSE TO ALGORITHM-GUIDED SMOKING  
CESSATION MEDICATION SELECTION IN PERSONS  
LIVING WITH HIV**

*Karen Cropsey, PsyD<sup>\*1</sup>, Pamela Valera, PhD, ACSW<sup>2</sup>, F.  
Joseph McClernon, PhD<sup>3</sup>, Conall O'Cleirigh, PhD<sup>4</sup>, <sup>1</sup>University  
of Alabama at Birmingham, <sup>2</sup>Columbia University, <sup>3</sup>Duke Uni-  
versity Medical Center, <sup>4</sup>Massachusetts General Hospital*

11:12 a.m.-11:30 a.m.

**EXAMINATION OF THE RELATIONSHIP OF SMOKING  
AND ANXIETY TO MEDICATION ADHERENCE AMONG  
PEOPLE LIVING WITH HIV**

*Hannah Esan<sup>\*1</sup>, Melody Willoughby<sup>1</sup>, Christine Lee<sup>1</sup>, Kate  
Segal<sup>1</sup>, Alyssa Burns<sup>1</sup>, Elizabeth Seng<sup>1</sup>, Jonathan Shuter<sup>2</sup>, An-  
drea Weinberger<sup>1</sup>, <sup>1</sup>Yeshiva University, NY, USA, <sup>2</sup>Montefiore  
Medical Center, NY, USA*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 3: Paper Session 13: Rapid Fire  
TREATMENT**

*Session Chair: Natalie Walker, PhD*

*Audience: T, C*

10:00 a.m.-10:10 a.m.

**IN VIVO NRT SAMPLING INCREASES MEDICATION  
ADHERENCE AMONG CRIMINAL JUSTICE SMOKERS: A  
PILOT STUDY**

*Karen Cropsey<sup>\*1</sup>, Aaron Sellers<sup>1</sup>, Morgan Froelich<sup>1</sup>, Richard  
Shelton<sup>1</sup>, Peter Hendricks<sup>1</sup>, Matthew Carpenter<sup>2</sup>, <sup>1</sup>University  
of Alabama in Birmingham, AL, USA, <sup>2</sup>Medical University of  
South Carolina, AL, USA*

10:10 a.m.-10:20 a.m.

**SELECTION CRITERIA LIMIT GENERALIZABILITY OF  
SMOKING CESSATION STUDIES DIFFERENTIALLY  
ACROSS RANDOMIZED-CONTROLLED TRIALS AND  
LABORATORY STUDIES: A REVIEW ON VARENICLINE**

*Courtney Motschman<sup>\*1</sup>, Julie Gass<sup>1</sup>, Jennifer Wray<sup>2</sup>, Lisa  
Germeroth<sup>1</sup>, Nicolas Schlienz<sup>1</sup>, Diana Hamilton<sup>3</sup>, Faith Moore<sup>4</sup>,  
Jessica Rhodes<sup>5</sup>, Stephen Tiffany<sup>1</sup>, Larry Hawk<sup>1</sup>, <sup>1</sup>University  
at Buffalo, The State University of New York, NY, USA, <sup>2</sup>VA  
Western New York Healthcare System, NY, USA, <sup>3</sup>EurekaF-  
acts, LLC, MD, USA, <sup>4</sup>La Amistad Behavioral Health, FL, USA,  
<sup>5</sup>University of Pittsburgh, PA, USA*

10:20 a.m.-10:30 a.m.

**SOME METHODOLOGICAL ISSUES IN EVALUATING THE  
EFFICACY OF ELECTRONIC CIGARETTES IN HELPING  
SMOKERS QUIT**

*Hayden McRobbie<sup>\*</sup>, Peter Hajek, Queen Mary University of  
London, United Kingdom*

10:30 a.m.-10:40 a.m.

**PHASE 1 EVALUATION OF AN AUTOMATED PASSIVE  
DIFFUSION TRANSDERMAL INDIVIDUALIZED NICOTINE  
DELIVERY TECHNOLOGY FOR SMOKING CESSATION**

*Patrick Ruane<sup>\*1</sup>, Alan Levy<sup>1</sup>, Patricia Oto<sup>1</sup>, Allen Wyler<sup>1</sup>, Mai-  
thili Rairkar<sup>1</sup>, Zita Netzel<sup>1</sup>, Jackie Hancock<sup>1</sup>, Michael Araco<sup>2</sup>,  
<sup>1</sup>Chrono Therapeutics Inc., CA, USA, <sup>2</sup>Nucleus Network,  
Australia*



10:40 a.m.-10:50 a.m.

**EFFECTS OF MAINTENANCE VARENICLINE ON RELAPSE IN THOSE WITH AND WITHOUT SCHIZOPHRENIA SPECTRUM AND BIPOLAR DISORDERS**

*Susanne Hoepfner<sup>1</sup>, David Schoenfeld<sup>2</sup>, Corinne Cather<sup>2</sup>, Gladys Pachas<sup>2</sup>, A. Eden Evins<sup>\*2</sup>, <sup>1</sup>Massachusetts General Hospital, MA, USA, <sup>2</sup>Massachusetts General Hospital and Harvard Medical School, MA, USA*

10:50 a.m.-11:00 a.m.

**THE EFFECTS OF THE NICOTINE PATCH, VARENICLINE, AND COMBINATION NRT ON LONG-TERM ABSTINENCE: A COMPARATIVE EFFICACY TRIAL**

*Stevens Smith\*, Megan Piper, James Stein, Michael Fiore, David Fraser, Madeline Oguss, Timothy Baker, University of Wisconsin School of Medicine and Public Health, WI, USA*

11:00 a.m.-11:10 a.m.

**THE RELATIONSHIP BETWEEN NICOTINE METABOLITE RATIO (NMR) AND SMOKING CESSATION AMONG AN INTERNATIONAL COHORT OF SMOKERS IN FIVE COUNTRIES**

*Brian Fix<sup>1</sup>, Richard O'Connor<sup>\*1</sup>, Ron Borland<sup>2</sup>, K. Michael Cummings<sup>3</sup>, Geoffrey Fong<sup>4</sup>, James Thrasher<sup>5</sup>, Neal Benowitz<sup>6</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Cancer Council Victoria, Australia, <sup>3</sup>Medical University of South Carolina, SC, USA, <sup>4</sup>University of Waterloo, ON, Canada, <sup>5</sup>University of South Carolina, SC, USA, <sup>6</sup>University of California San Francisco, CA, USA*

11:10 a.m.-11:20 a.m.

**DEVELOPMENT AND TESTING OF A COMPUTERIZED DECISION SUPPORT SYSTEM TO FACILITATE BRIEF TOBACCO CESSATION TREATMENT IN THE PEDIATRIC EMERGENCY SETTING**

*Judith Dexheimer<sup>1</sup>, Jane Khoury<sup>1</sup>, Judith Gordon<sup>2</sup>, <sup>1</sup>Cincinnati Children's Hospital Medical Center, OH, USA, <sup>2</sup>University of Arizona, AZ, USA*

11:20 a.m.-11:30 a.m.

**DOES EFFECTIVENESS OF ADOLESCENT SMOKING-CESSATION INTERVENTION ENDURE INTO YOUNG ADULTHOOD? 7-YEAR FOLLOW-UP RESULTS FROM A GROUP-RANDOMIZED TRIAL**

*Arthur Peterson, Jr.<sup>\*1,2</sup>, Patrick Marek<sup>1</sup>, Kathleen Kealey<sup>1</sup>, Jonathan Bricker<sup>1,2</sup>, Evette Ludman<sup>3</sup>, Jaimee Heffner<sup>1</sup>, <sup>1</sup>Fred Hutchinson Cancer Research Center, WA, USA, <sup>2</sup>University of Washington, WA, USA, <sup>3</sup>Group Health Center for Health Studies, WA, USA*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 3: Paper Session 14**

**TOBACCO USE TREATMENT IN PRIMARY AND SECONDARY CARE**

*Session Chair: Chris Bullen, PhD*

*Audience: T, C, P, PH/E*

10:00 a.m.-10:15 a.m.

**SYSTEM CHANGES TO IMPLEMENT JOINT COMMISSION GUIDELINES FOR TREATING TOBACCO USE AMONG HOSPITALIZED PATIENTS**

*Ana Mola, Keith Goldfeld, Ryan Sullivan, Jonathon Austrian, NYU School of Medicine, NY, USA*

Friday, March 4, 2016

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10:15 a.m.-10:30 a.m.

**USING LEAN TOOLS TO INCREASE EVIDENCE-BASED TOBACCO USE TREATMENT IN HOSPITALIZED NEUROSURGERY PATIENTS**

*Laurel Sisler\*, Oluwaseun Omofoye, Carol Ripley-Moffitt, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA*

10:30 a.m.-10:45 a.m.

**PHYSICIANS' KNOWLEDGE, BELIEFS, AND PRACTICES REGARDING E-CIGARETTES: RESULTS FROM A NATIONAL SURVEY OF U.S. PRIMARY CARE PHYSICIANS**

*Omar El-Shahawy\*, Jennifer Elston Lafata<sup>2</sup>, <sup>1</sup>School of Medicine, NY, USA, <sup>2</sup>Virginia Commonwealth University, VA, USA*

10:45 a.m.-11:00 a.m.

**CHARACTERISTICS AND MOTIVATION TO QUIT SMOKING IN PATIENT WITH CANCER IN PRIMARY CARE SETTINGS**

*Peter Selby\*, Eleanor Liu<sup>2</sup>, Anna Ivanova<sup>2</sup>, Yushi Xie<sup>2</sup>, Dolly Baliunas<sup>3</sup>, Carolyn Peters<sup>3</sup>, Laurie Zawertailo<sup>3</sup>, <sup>1</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health-Toronto, ON, Canada, <sup>3</sup>Centre for Addiction and Mental Health, ON, Canada*

11:00 a.m.-11:15 a.m.

**FACTORS ASSOCIATED WITH PRIMARY CARE PHYSICIANS' INTENTION TO RECOMMEND E-CIGARETTE USE TO THEIR ADULT PATIENTS WHO SMOKE**

*Omar El-Shahawy\*, Levent Dumenci<sup>2</sup>, Jennifer Elston Lafata<sup>3</sup>, <sup>1</sup>School of Medicine - New York University, NY, USA, <sup>2</sup>Temple University - Philadelphia, PA, USA, <sup>3</sup>Virginia Commonwealth University - Richmond, VA, USA*

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)  
**Poster Session 3: Public Health/Epi**

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)  
**Lunch Break**

Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 3 (Level 4)  
**Podium Presentation 4: Symposium 11**  
**WHAT WE KNOW ABOUT APPEAL: IMPLICATIONS FOR PRODUCT REGULATION**

*Co-chairs: Cathy L. Backinger, PhD, MPH, Food and Drug Administration; Dana M. van Bommel, PhD, MPH, Food and Drug Administration*

*Presenters: Richard J. O'Connor, PhD, Roswell Park Cancer Institute; Andrea C. Villanti, PhD, MPH, Schroeder Institute for Tobacco Research and Policy Studies; David R. Strong, PhD, University of California, San Diego; Melissa B. Harrell, PhD, MPH, UT Health*

*Audience: PH/E, P*

The Center for Tobacco Products (CTP), Food and Drug Administration (FDA) has pre-market review authority over new tobacco products and the appeal of these products can impact marketing authorization decisions due to its impact on the population as a whole. Product standards may be adopted if they are appropriate for the protection of public health and one potential product standard that CTP is exploring addresses "appeal." This symposium will explore the range of science addressing the appeal of tobacco products including product design, flavors, packaging and labeling, and marketing. The Roswell Park Cancer Institute presentation on product design will provide an overview on sensory effects, filter ventilation, and additives. New data from the nationally, representative





longitudinal National Institutes of Health (NIH)/FDA Population Assessment on Tobacco and Health (PATH) Study baseline collection, September 2013- December 2014, will be presented on prevalence and reasons for use of flavored tobacco products flavors among adults and youth. Investigators from the University of California, San Diego will present factors related to packaging and labeling that influence consumer perceptions, and the NIH/FDA University of Texas TCORS will focus on youth tobacco product marketing at point-of-sale and in print publications. Discussion will focus on what has been learned about the appeal of cigarettes and relevance for new and novel products, and implications for future tobacco product regulation.

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 9 (Level 4)

#### **Podium Presentation 4: Symposium 12**

#### **SEEKING A PRO-EQUITY IMPACT: THE INTERSECTION OF TOBACCO-CONTROL POLICY AND HEALTH DISPARITIES RESEARCH**

*Chair: Megan E. Roberts, PhD, The Ohio State University*  
*Presenters: Shyanika W. Rose, PhD, Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative; Shelley D. Golden, PhD, MPH, University of North Carolina; Kurt M. Ribisl, PhD, University of North Carolina; Lourdes Baezconde-Garbanati, PhD, MPH, MA, University of Southern California*  
*Audience: HD, PH/E, P*

Tobacco-control policies can exacerbate health disparities when, despite reducing tobacco rates at the population-level, they fail to benefit the vulnerable populations at greatest risk. In order to prevent a widening of disparities, it is critical for policies being considered at the local and national level to evaluate the potential effects on health equity. This symposium will bring together researchers investigating policy-relevant factors involved in U.S. tobacco-use disparities. Presenters will discuss policy implications that arise from their findings, with particular focus on the pro-equity impact. The chair, Dr. Megan Roberts, will provide a brief introduction to tobacco-related health disparities and the drawbacks to an exclusively population-level approach. This broad overview will be followed by Dr. Shyanika Rose presenting an ecological momentary assessment study that found African Americans and Hispanics experience greater exposure to tobacco marketing. Her presentation will include discussion of how banning flavored tobacco products may reduce racial/ethnic disparities in tobacco use. Dr. Shelley Golden will present nationally-representative data modeling the potential effects of minimum price laws. Her projections will show how setting floor prices could reduce prevalence and socioeconomic disparities in smoking. Dr. Kurt Ribisl will present on the potential impact of a policy that would ban retailers from selling tobacco products within 1,000 feet of schools. His findings suggest such a proximity policy could reduce socioeconomic and racial/ethnic disparities in tobacco retailer density. Dr. Baezconde-Garbanati will present on the retail environment itself—specifically, retailers working in ethnic communities. Her findings include the prevalent misinformation among retailers about the FDA authority and the factors behind retailers' failures to comply with federal tobacco regulations. Finally, the discussant, Micah Berman, JD, will briefly summarize the presentations and expound on their research and policy implications. This discussion will consider the types of health disparities research that will be most useful for guiding regulatory policy moving forward.

Friday, March 4, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment



1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 4: Symposium 13**

**TRAJECTORIES OF SMOKING ABSTINENCE: SHORT-TERM PAIN, LONG-TERM GAIN?**

*Chair: Marcus R. Munafo, PhD, University of Bristol*

*Presenters: David G. Gilbert, PhD, Southern Illinois University Carbondale; Gemma Taylor, PhD, University of Bristol; Danielle E. McCarthy, PhD, Rutgers, the State University of New Jersey; Saul Shiffman, PhD, University of Pittsburgh*

*Audience: HD, C, T, PH/E*

Hajek, Taylor and McRobbie (2010) recently concluded that, "In highly dependent smokers that report that smoking helps them cope with stress, smoking cessation is associated with lowering of stress. Whatever immediate effects of smoking may have on perceived stress, overall it may generate or aggravate negative emotional states. The results provide reassurance to smokers worried that stopping smoking may deprive them of a valuable resource." In other words, despite the widely held belief among smokers that smoking can improve mood and alleviate stress, this may largely be attributable to withdrawal-relief. This symposium will synthesise the state of the art regarding what is known about the long-term impact of smoking cessation on mood and stress-related symptoms. David Gilbert will discuss evidence that abstinence symptoms (including mood symptoms) do not resolve within at least two months for most individuals, and potentially for even longer periods. Gemma Taylor will present evidence from both the general population and psychiatric populations that successful quitters show an improvement in mood state over time, and describe evidence that smoking reduction among continuing smokers is not associated with a worsening of emotional state. Danielle McCarthy will discuss evidence that the short-term symptoms associated with quitting are perhaps not as closely tied to abstinence as we might think and can be altered through non-pharmacological means. Finally, Saul Shiffman will discuss how we know when symptom changes, particularly emotional distress, are due to withdrawal. This will draw on analyses of the timecourse of affective changes from baseline, where it is possible to track recovery of baseline emotional state, and analyses showing how treatment with high dose patch affects departure from baseline emotional state. These data also speak to the question of the volatility of affective state, raising questions about what it means to characterize someone's affect over long periods. Marcus Munafo will act as discussant, and highlight the challenges associated with inferring causality from observational data that may capture various mechanisms, such as direct effects of smoking and effects of short- and long-term withdrawal. Directions for future long-term studies and other methods for tackling these important questions will be discussed.



1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 4: Paper Session 15**

**AMERICAN INDIAN AND ALASKA NATIVE TOBACCO CONTROL AND TREATMENT**

*Session Chair: E. Eden Evans, PhD*

*Audience: HD, T, PH/E, P*

1:00 p.m.-1:15 p.m.

**DZIL NAT'OH IS THE TRADITIONAL HEALER'S TOBACCO: THE HISTORY, IMPACT, AND ROLE OF CULTURALLY RELEVANT POLICIES TO CURB THE USE OF COMMERCIAL TOBACCO IN THE NAVAJO CEREMONIAL SETTING**

*Samantha Sabo<sup>1</sup>, Alfred Yazzie<sup>2</sup>, Hershal Clark<sup>2</sup>, Carmenlita Chief<sup>1</sup>, Scott Leischow<sup>3</sup>, <sup>1</sup>Zuckerman College of Public Health, University of Arizona, AZ, USA, <sup>2</sup>Black Hills Center for American Indian Health, AZ, USA, <sup>3</sup>Mayo Clinic of Scottsdale, AZ, USA*

1:15 p.m.-1:30 p.m.

**CORRELATES OF MENTHOL CIGARETTE USE AMONG AMERICAN INDIAN SMOKERS IN MINNESOTA**

*Jean Forster<sup>1</sup>, Joanne D'Silva<sup>\*2</sup>, Kelvin Choi<sup>3</sup>, John Poupart<sup>4</sup>, Kristine Rhodes<sup>5</sup>, <sup>1</sup>University of Minnesota, MN, USA, <sup>2</sup>Clear-Way Minnesota, MD, USA, <sup>3</sup>National Institute on Minority Health and Health Disparities Division of Intramural Research, MD, USA, <sup>4</sup>Anishinabe, Lac du Flambeau (WI), American Indian Policy Center, MN, USA, <sup>5</sup>American Indian Cancer Foundation, Bad River Chippewa, MN, USA*

1:30 p.m.-1:45 p.m.

**TOBACCO USE PATTERNS AND QUITLINE UTILIZATION IN AMERICAN INDIAN AND ALASKAN NATIVE PATIENTS ACROSS 14 STATES**

*Amy Lukowski<sup>1</sup>, Chad Morris<sup>2</sup>, David Tinkelman<sup>1</sup>, <sup>1</sup>National Jewish Health, Health Initiatives Programs, CO, USA, <sup>2</sup>Behavioral Health and Wellness Program University of Colorado, Anschutz Medical Campus, CO, USA*

1:45 p.m.-2:00 p.m.

**RACIAL AND ETHNIC DIFFERENCES IN WHAT SMOKERS REPORT PAYING FOR THEIR CIGARETTES**

*Shelley Golden<sup>\*1</sup>, Amanda Kong<sup>1</sup>, Kurt Ribisl<sup>1,2</sup>, <sup>1</sup>University of North Carolina-Chapel Hill, NC, USA, <sup>2</sup>Lineberger Comprehensive Cancer Center, NC, USA*

2:00 p.m.-2:15 p.m.

**AMERICAN INDIAN/ALASKA NATIVE CIGARETTE SMOKING AMONG YOUTH AND YOUNG ADULTS**

*Paul Mowery, MA, Biostatistics, Inc.*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 4: Paper Session 16**

**E-CIGARETTE TOXICITY**

*Session Chair: Maciej L. Goniewicz, PhD, PharmD*

*Audience: BS, PC*

1:00 p.m.-1:15 p.m.

**GENERATION OF NANOPARTICLES BY ELECTRONIC CIGARETTE**

*Vladimir Mikheev<sup>\*1</sup>, Marielle Brinkman<sup>1</sup>, Courtney Granville<sup>1</sup>, Sydney Gordon<sup>1</sup>, Pamela Clark<sup>2</sup>, <sup>1</sup>Battelle Memorial Institute, OH, USA, <sup>2</sup>University of Maryland, MD, USA*

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1:15 p.m.-1:30 p.m.

**DETECTION OF ACRYLONITRILE AND ACRYLAMIDE IN AEROSOL FROM ELECTRONIC NICOTINE DELIVERY SYSTEMS**

*Maciej Goniewicz, Mary Palumbo, Noel Leigh, Ridhima Mishra\*, Sophia Chirayil\*, Roswell Park Cancer Institute, NY, USA*

1:30 p.m.-1:45 p.m.

**TOWARDS A PROGNOSTIC MODEL OF NICOTINE DELIVERY FROM ELECTRONIC CIGARETTES: COMPARISON OF MEASURED PLASMA NICOTINE LEVELS TO PREDICTED NICOTINE EMISSIONS FOR 35 INDIVIDUAL ECIG USE SESSIONS**

*Soha Talih<sup>1,2</sup>, Zainab Balhas<sup>1</sup>, Marzena Hiler<sup>2</sup>, Alison Breland<sup>2</sup>, Thomas Eissenberg<sup>2</sup>, Alan Shihadeh<sup>\*1,2</sup>, <sup>1</sup>American University of Beirut, Lebanon, <sup>2</sup>Virginia Commonwealth University, VA, USA*

1:45 p.m.-2:00 p.m.

**EVALUATION OF NICOTINE, CARBON MONOXIDE, AND TOTAL NNAL IN CIGARETTE SMOKERS AND SECOND AND THIRD GENERATION E-CIGARETTE USERS**

*Theodore Wagener<sup>\*1</sup>, Irina Stepanov<sup>2</sup>, Eleanor Leavens<sup>3</sup>, Leslie Driskill<sup>1</sup>, Alayna Tackett<sup>3</sup>, Neil Molina<sup>1</sup>, Evan Floyd<sup>4</sup>, Ellen Meier<sup>3</sup>, <sup>1</sup>Oklahoma Tobacco Research Center, University of Oklahoma Health Sciences Center, OK, USA, <sup>2</sup>University of Minnesota, MN, USA, <sup>3</sup>Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, <sup>4</sup>Oklahoma Tobacco Research Center, The University of Oklahoma, OK, USA*

2:00 p.m.-2:15 p.m.

**TOBACCO TOXICANT EXPOSURE IN CIGARETTE SMOKERS WHO USE OR DO NOT USE OTHER TOBACCO PRODUCTS**

*Nicole Nollen, PhD<sup>\*1</sup>, Neal Benowitz, MD<sup>2</sup>, Matthew Mayo, PhD<sup>1</sup>, Lisa Sanderson-Cox, PhD<sup>1</sup>, Taneisha Scheuermann, PhD<sup>1</sup>, Lauren Clark, MS<sup>1</sup>, Jasjit Ahluwalia, MD, MPH, MS<sup>3</sup>, <sup>1</sup>University of Kansas School of Medicine, <sup>2</sup>University of California, San Francisco, <sup>3</sup>Rutgers University School of Public Health*

2:15 p.m.-2:30 p.m.

**ACTIVATION OF CHEMOSENSORY RECEPTORS AND RESPIRATORY IRRITATION RESPONSES BY ELECTRONIC CIGARETTE FLAVORANTS AND VAPORS**

*Sairam Jabba<sup>\*1</sup>, Ana Caceres<sup>1</sup>, Melanie Kaelberer<sup>1</sup>, Kayvon Ghosh<sup>2</sup>, Gregory Smith<sup>2</sup>, John Morris<sup>2</sup>, Sven-Eric Jordt<sup>1</sup>, <sup>1</sup>Duke University School of Medicine, NC, USA, <sup>2</sup>University of Connecticut, Storrs, CT, USA*

1:00 p.m.-2:30 p.m. . . . . Sheraton 4 (Level 4)

**Podium Presentation 4: Paper Session 17**

**YOUTH AND NICOTINE USE**

*Session Chair: Grace Kong, PhD*

*Audience: C, PH/E*

1:00 p.m.-1:15 p.m.

**ADOLESCENTS' RESPONSE TO NICOTINE DOSE IN CIGARETTES: PRELIMINARY EVIDENCE FROM A WITHIN-SUBJECTS LABORATORY STUDY**

*Suzanne Colby<sup>1</sup>, Jennifer Tidey<sup>1</sup>, Kristina Jackson<sup>1</sup>, Patricia Cioe<sup>1</sup>, Suchitra Krishnan-Sarin<sup>2</sup>, Dorothy Hatsukami<sup>3</sup>, <sup>1</sup>Brown University, RI, USA, <sup>2</sup>Yale University, CT, USA, <sup>3</sup>University of Minnesota, MN, USA*



1:15 p.m.-1:30 p.m.

**TOBACCO PRODUCT POLY-USE AMONG CIGARETTE USING ADOLESCENTS: AN INCREASING TREND, UNITED STATES 1999-2013**

*Benjamin Chaffee\*, Elizabeth Couch, Margaret Walsh, Stuart Gansky, University of California San Francisco, CA, USA*

1:30 p.m.-1:45 p.m.

**E-CIGARETTE USE AS A PREDICTOR OF COMBUSTIBLE TOBACCO PRODUCT USE AMONG OLDER ADOLESCENTS IN SOUTHERN CALIFORNIA**

*Robert Urman\*, Jessica Barrington-Trimis, Adam Leventhal, Tess Cruz, Jennifer Unger, Kiros Berhane, Jonathan Samet, Rob McConnell, University of Southern California, CA, USA*

1:45 p.m.-2:00 p.m.

**COMPARING THE EFFECT OF NICOTINE VERSUS PLACEBO ELECTRONIC CIGARETTES ON SMOKING REDUCTION AMONG YOUNG ADULT SMOKERS**

*Jamie Ostroff<sup>1</sup>, Alena Campo<sup>2</sup>, Meghan Gerard<sup>2</sup>, Thomas Kirchner<sup>3</sup>, John Rotrosen<sup>2</sup>, <sup>1</sup>Memorial Sloan Kettering Cancer Center, NY, USA, <sup>2</sup>NYU School of Medicine, NY, USA, <sup>3</sup>New York University, College of Global Public Health, NY, USA*

2:00 p.m.-2:15 p.m.

**FREE, EASY, AND EFFECTIVE: HOW YOUNG ADULTS USED THE NICOTINE PATCH AND TO WHAT EFFECT**

*Amanda Kirkwood<sup>1</sup>, Heather Travis<sup>1</sup>, Selby Peter<sup>2</sup>, <sup>1</sup>Brock University, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, ON, Canada*

2:15 p.m.-2:30 p.m.

**ASSESSING TOBACCO MARKETING RECEPTIVITY AMONG YOUTH: AN INNOVATIVE APPROACH THAT INTEGRATES POINT OF SALE MARKETING, CIGARETTE PACKAGE BRANDING, AND BRANDED MERCHANDISE**

*Sandra Braun\*, Christy Kollath-Cattano<sup>2</sup>, Inti Barrientos<sup>3</sup>, Raúl Mejía<sup>1</sup>, Paola Morello<sup>4</sup>, James Sargent<sup>5</sup>, James Thrasher<sup>2,3</sup>, <sup>1</sup>Hospital de Clinicas Universidad de Buenos Aires, Buenos Aires, Argentina Health Economy & Society, Centro de Estudios de Estado y Sociedad, Buenos Aires, Argentina, <sup>2</sup>Department of Health Promotion Education and Behavior, University of South Carolina, Columbia, SC, USA, <sup>3</sup>Department of Tobacco Research, Center for Population Health Research National Institute of Public Health, Cuernavaca, Mexico, <sup>4</sup>Health Economy & Society, Centro de Estudios de Estado y Sociedad, Buenos Aires, Argentina, <sup>5</sup>Pediatrics, Dartmouth Medical School, Hanover, NH USA*

Friday, March 4, 2016

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1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 4: Paper Session 18**

**TOBACCO USE AND WEIGHT MANAGEMENT**

*Session Chair: Monica Webb Hooper, PhD*

*Audience: PH/E, C, LMIC*

1:00 p.m.-1:15 p.m.

**CIGARETTE SMOKING AND ABDOMINAL OBESITY IN FINNISH MEN AND WOMEN: A POPULATION-BASED STUDY**

*Eeva-Liisa Tuovinen<sup>\*1</sup>, Suoma Saarni<sup>2</sup>, Katja Borodulin<sup>3</sup>, Taru Kinnunen<sup>4</sup>, Kristiina Patja<sup>5</sup>, Jaakko Kaprio<sup>6</sup>, Tellervo Korhonen<sup>7</sup>, <sup>1</sup>University of Helsinki- Finland, Finland, <sup>2</sup>Turku University Central Hospital- Finland National Institute for Health and Welfare-Finland University of Finland, Turku, Finland, <sup>3</sup>National Institute for Health and Welfare- Finland, Finland, <sup>4</sup>Harvard- MA, USA, <sup>5</sup>Independent Researcher, Finland, <sup>6</sup>University of Helsinki, Finland National Institute for Health and Welfare, Finland, <sup>7</sup>University of Helsinki- Finland University of Eastern Finland- Finland National Institute for Health and Welfare, Finland*

1:15 p.m.-1:30 p.m.

**A COMPARATIVE ANALYSIS OF DIETARY ADEQUACY AMONG SMOKING, SMOKELESS, AND DUAL TOBACCO USER HOUSEHOLDS IN BANGLADESH**

*Mandeep Virk-Baker<sup>\*1</sup>, Mark Parascandola<sup>2</sup>, <sup>1</sup>Cancer Prevention Fellow, Health Behaviors Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA, <sup>2</sup>Tobacco Control Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA*

1:30 p.m.-1:45 p.m.

**ARE MENTHOLATED CIGARETTES CONNECTED WITH OBESITY?**

*Cassandra Stanton<sup>1</sup>, Mayra Vargas<sup>2</sup>, Luis Espinoza<sup>3</sup>, Clery Quiros<sup>2</sup>, <sup>1</sup>Georgetown University Medical Center, MD, USA, <sup>2</sup>Florida International University, FL, USA, <sup>3</sup>University of Miami, FL, USA*

1:45 p.m.-2:00 p.m.

**DESIGN AND IMPLEMENTATION OF A COMBINED TOBACCO CESSATION AND WEIGHT MANAGEMENT INTERVENTION IN QUITLINES**

*Jennifer Lovejoy<sup>1</sup>, Harold Javitz<sup>2</sup>, Stacey Mahuna-Brantner<sup>3</sup>, Alula Torres<sup>3</sup>, Ken Wassum<sup>3</sup>, Brooke Magnusson<sup>3</sup>, Bonnie Spring<sup>4</sup>, <sup>1</sup>Arivale, WA, USA, <sup>2</sup>SRI, CA, USA, <sup>3</sup>Alere, WA, USA, <sup>4</sup>Northwestern University, IL, USA*

2:00 p.m.-2:15 p.m.

**THE DILEMMA OF ACCESS TO CARE AND QUITTING SMOKING IN A SURGICAL WEIGHT LOSS PROGRAM**

*Susan Veldheer<sup>\*1</sup>, Ann Rogers<sup>2</sup>, Jonathan Foulds<sup>1</sup>, <sup>1</sup>Penn State College of Medicine, Department of Public Health Sciences, PA, USA, <sup>2</sup>Penn State College of Medicine, Penn State Hershey Medical Center, Department of Surgery, PA, USA*





2:15 p.m.-2:30 p.m.

**DISTRESS TOLERANCE TREATMENT FOR WEIGHT CONCERN IN SMOKING CESSATION AMONG WOMEN: THE "WE QUIT" PILOT STUDY**

Erika Bloom<sup>\*1</sup>, Rena Wing<sup>2</sup>, Christopher Kahler<sup>3</sup>, J. Kevin Thompson<sup>4</sup>, Sari Meltzer<sup>5</sup>, Haruka Minami<sup>5</sup>, Jacki Hecht<sup>5</sup>, Lawrence Price<sup>5</sup>, Richard Brown<sup>6</sup>, <sup>1</sup>Alpert Medical School of Brown University and Rhode Island Hospital, RI, USA, <sup>2</sup>Alpert Medical School of Brown University and The Miriam Hospital, RI, USA, <sup>3</sup>Brown University School of Public Health, RI, USA, <sup>4</sup>University of South Florida, FL, USA, <sup>5</sup>Alpert Medical School of Brown University and Butler Hospital, RI, USA, <sup>6</sup>University of Texas at Austin, TX, USA

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 4: Paper Session 19**

**NICOTINE DEPENDENCE AND BRAIN**

Session Chair: Christine Fowler, PhD

Audience: PC, C, PH/E

1:00 p.m.-1:15 p.m.

**EFFECTS OF CHRONIC NICOTINE TREATMENT AND TERMINATION ON NICOTINE SELF-ADMINISTRATION**

Stephen Kohut<sup>\*</sup>, Claire Barkin, Jack Bergman, McLean Hospital, Harvard Medical School, MA, USA

1:15 p.m.-1:30 p.m.

**ACTIVATION OF ALPHA6BETA2 SUBUNIT CONTAINING NICOTINIC ACETYLCHOLINE RECEPTORS IN THE NUCLEUS ACCUMBENS SHELL PROMOTES NICOTINE REWARD**

Alexandra Stafford<sup>\*1</sup>, Ryan Drenan<sup>2</sup>, Darlene Brunzell<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, VA, USA, <sup>2</sup>Purdue University, IN, USA

1:30 p.m.-1:45 p.m.

**TRANSCRANIAL DIRECT CURRENT BRAIN STIMULATION INCREASES ABILITY TO RESIST SMOKING**

Mary Falcone<sup>\*1</sup>, Leah Bernardo<sup>1</sup>, Rebecca Ashare<sup>1</sup>, Roy Hamilton<sup>1</sup>, Olufunsho Faseyitan<sup>1</sup>, Sherry McKee<sup>2</sup>, James Loughhead<sup>1</sup>, Caryn Lerman<sup>1</sup>, <sup>1</sup>University of Pennsylvania, PA, USA, <sup>2</sup>Yale University, CT, USA

1:45 p.m.-2:00 p.m.

**HIGHER STIMULUS CONTROL IS ASSOCIATED WITH LESS CIGARETTE INTAKE IN DAILY SMOKERS**

Stuart Ferguson<sup>\*1</sup>, Saul Shiffman<sup>2</sup>, Michael Dunbar<sup>2</sup>, Natalie Schütz<sup>1</sup>, <sup>1</sup>University of Tasmania, Australia, <sup>2</sup>University of Pittsburgh, PA, USA

2:00 p.m.-2:15 p.m.

**REDUCING SMOKING-RELATED CRAVING VIA A RETRIEVAL-EXTINCTION MECHANISM**

Matthew Carpenter<sup>1</sup>, Lisa Germeroth<sup>2</sup>, Nathaniel Baker<sup>3</sup>, Steven LaRowe<sup>4</sup>, <sup>1</sup>Hollings Cancer Center and Addiction Sciences Division, MUSC, SC, USA, <sup>2</sup>Department of Psychiatry and Behavioral Sciences, MUSC, SC, USA, <sup>3</sup>Department of Public Health Sciences, MUSC, SC, USA, <sup>4</sup>Substance Abuse Treatment Center Mental Health Service, Ralph H. Johnson Veterans Affairs Medical Center and Addiction Sciences Division, MUSC, SC, USA

2:15 p.m.-2:30 p.m.

**DEPENDENCE AMONG CIGARETTE SMOKERS USING OTHER TOBACCO PRODUCTS**

Nasir Mushtaq<sup>\*</sup>, Dana Mowls, Mary Williams, Laura Beebe, University of Oklahoma Health Sciences Center, OK, USA

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Friday, March 4, 2016



2:30 p.m.-3:00 p.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Refreshment Break & Exhibit Time**

3:00 p.m.-4:15 p.m. . . . . Chicago Ballroom 6 (Level 4)  
**Jarvik-Russell New Investigator Awards Paper Session**  
*Session Chair: Megan Piper, PhD*

3:00 p.m.-3:15 p.m.

**MITOCHONDRIAL STRESS AND INFLAMMATION  
FOLLOWING EXPOSURE TO ELECTRONIC CIGARETTE  
AEROSOLS**

*Chad Lerner<sup>\*1</sup>, Pierrot Rutagarama<sup>1</sup>, Isaac Sundar<sup>1</sup>, Deborah  
Ossip<sup>1</sup>, Scott McIntosh<sup>1</sup>, Risa Robinson<sup>2</sup>, Irfan Rahman<sup>1</sup>,  
<sup>1</sup>University of Rochester-Rochester, NY, USA, <sup>2</sup>Rochester  
Institute of Technology, NY, USA*

3:15 p.m.-3:30 p.m.

**NICOTINE WITHDRAWAL AND ANHEDONIA: CLINICAL  
RELEVANCE OF A NEURAL INDEX OF MOTIVATIONAL  
STATE**

*Jason Oliver<sup>\*1</sup>, John Allen<sup>2</sup>, Thomas Brandon<sup>3</sup>, David Drobos<sup>3</sup>,  
<sup>1</sup>Duke University School of Medicine, NC, USA, <sup>2</sup>University of  
Arizona, AZ, USA, <sup>3</sup>Moffitt Cancer Center, FL, USA*

3:30 p.m.-3:45 p.m.

**E-CIGARETTE AVAILABILITY, PROMOTIONS, AND  
MARKETING AT RETAIL TOBACCO OUTLETS IN THE  
CONTIGUOUS U.S., 2012-2015**

*Heather D'Angelo<sup>\*1</sup>, Shelley Golden<sup>2</sup>, Lisa Henriksen<sup>3</sup>,  
Shyanika Rose<sup>4</sup>, Shauna Rust<sup>2</sup>, Kurt Ribisl<sup>2</sup>, <sup>1</sup>National Cancer  
Institute, MD, USA, <sup>2</sup>University of North Carolina at Chapel  
Hill, NC, USA, <sup>3</sup>Stanford University, CA, USA, <sup>4</sup>Schroeder  
Institute for Tobacco Research and Policy Studies at Truth  
Initiative, DC, USA*

3:45 p.m.-4:15 p.m.

**Jarvik-Russell New Investigator Award Presentation  
HELPING PEOPLE STOP SMOKING: CAN WE DO  
BETTER?**

*Hayden McRobbie, MB, ChB, PhD  
Queen Mary University, London  
Wolfson Institute of Preventative Medicine*

4:15 p.m.-4:30 p.m.

**Break**





4:30 p.m.-5:30 p.m.

**Epidemiology and Public Health Themed Lecture**

***Current U.S. Tobacco Education Campaigns: A Synthesis of Evidence from Formative and Outcome Studies***

*Donna Vallone, PhD, MPH, Chief Evaluation Science and Research Center Officer, Truth Initiative;*

*Tesfa Alexander, PhD, Director of Research and Evaluation in the Office of Health Communication and Education of the U.S. Food and Drug Administration's (FDA) Center for Tobacco Products (CTP);*

*Bob Rodes, MS, MBA, Med, Team Lead for the Research, Evaluation and Technical Assistance Team (RETA) in the Health Communications Branch (HCB) at the Centers for Disease Control and Prevention's Office on Smoking and Health (OSH).*

5:30 p.m.-7:00 p.m. . . . . Riverwalk B (Exhibition Level 1)

**Poster Session 4: Public Health/Epi**

Friday, March 4, 2016

**Audience Key:**

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

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**SESSION SUMMARY  
SATURDAY  
MARCH 5, 2016**

Saturday, March 5, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/  
Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC:  
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[illegible]



## SATURDAY, MARCH 5, 2016

7:00 a.m.-10:00 a.m. . . . . Ballroom Office (Level 4)  
**Speaker Ready Room**

8:00 a.m.-1:00 p.m. . . . . Ballroom Promenade (Level 4)  
**Registration**

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)  
**Podium Presentation 5: Symposium 14**  
**MAKING THE CIGARETTE PACK A COMPLETE HEALTH**  
**COMMUNICATIONS TOOL**

*Chair: Olivia Maynard PhD University of Bristol*

*Presenters: David Hammond PhD, University of Waterloo;  
 Ron Borland PhD, Cancer Council Victoria; James F. Thrasher  
 PhD, University of South Carolina; Crawford Moodie PhD  
 University of Stirling*

*Audience: PH/E, P*

Tobacco packaging is an important communications tool for governments. Health warnings on packs are a simple and credible means of communicating the health risks of smoking, with the impact of warnings influenced by their design. Aside from design, another way to increase the salience of warnings is via plain (or standardised) packaging. Despite growing interest in plain packaging, particularly within Europe, Australia remains the only country to have implemented this measure. As such, the findings from here will be of significant interest elsewhere. The exterior of tobacco packaging is obviously crucial for communication, as this is something that all consumers are exposed to, but the pack interior is also important. Tobacco companies use inserts to inform consumers of pack redesigns, brand extensions, new product development, promotions, and encourage consumers to challenge tobacco regulation. Only in Canada are inserts with positive messaging about quitting required, although little is known about their impact. Similarly, there is a dearth of research exploring how the cigarette - the primary package - could also potentially be used to deter smoking. In the first talk, Hammond will discuss the role of health warnings, with a focus on the effectiveness of health warning content, using data from the ITC four country survey. Borland will then discuss the range of impacts of plain packaging in Australia, using data from three waves of the ITC Australia survey. Looking inside the pack, which is extremely important to tobacco companies but has been largely overlooked by public health, Thrasher will compare how pack inserts can be used to inform consumers of available help and the relationship between reading inserts and attempting to quit. Findings come from a longitudinal study of adult smokers from Australia, Canada and Mexico. Finally, using focus group research with adult smokers in Scotland, Moodie will consider how the cigarette is being used by tobacco companies as a promotional tool, gauging smokers' perceptions of slim, coloured and menthol capsule cigarettes. The study also explores the potential for the cigarette to deter smoking, exploring perceptions of including a health warning on the cigarette itself.

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8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 5: Symposium 15**  
**ANXIETY AND SMOKING: EMERGING DATA ON**  
**MECHANISTIC FACTORS AND TREATMENT**

*Chair: Noreen L. Watson, PhD, Fred Hutchinson Cancer Research Center*

*Presenters: Teresa M. Leyro, PhD, Rutgers, The State University of New Jersey; Samantha G. Farris, MA, Alpert Medical School of Brown University and University of Houston; Noreen L. Watson, PhD, Fred Hutchinson Cancer Research Center; Johnna L. Medina, MA, The University of Texas at Austin*

*Audience: C, T*

Anxiety symptoms and disorders are not only remarkably comorbid with cigarette smoking, they are important risk-factors associated with the maintenance and relapse of smoking behaviors. While the empirical evidence demonstrating these relations are robust, the literature to date has not adequately clarified the underlying vulnerabilities and nature of the anxiety-smoking relationship. Elucidating a better understanding of these processes, through experimental and prospective research paradigms, is necessary in order to spur the development of targeted cessation programs that address the unique needs of this important group of smokers (i.e., those with anxiety symptoms/disorders)—which may significantly improve their chances of successful smoking cessation. Translational in nature, this symposium will provide new research findings regarding the biological, physiological, and psychological underpinnings of anxiety and smoking as well as preliminary data on a novel intervention addressing many of the vulnerabilities of this group of smokers. First, Dr. Teresa Leyro will discuss the prospective relation between the HPA-axis, anxiety sensitivity, and tobacco craving and withdrawal symptom severity following 24 hours of smoking deprivation. Samantha Farris will present a laboratory test of panic arousal and negative smoking reinforcement (urges, smoking topography), and discuss the role of anxiety sensitivity in these associations. Dr. Noreen Watson will present data on how social anxiety interacts with smoking expectancies to predict craving in response to a social interaction task during a period of smoking deprivation. Finally, Johnna Medina will discuss preliminary data from an intervention trial using yoga to target anxiety-related factors (e.g., anxiety sensitivity, craving) that contribute to smoking relapse for female smokers with high levels of anxiety. Dr. Megan Kelly will then synthesize the findings of these studies in the context of the wider body of literature examining the relationship between anxiety symptoms/disorders and cigarette smoking; she will conclude with a discussion regarding directions for future research and treatment implications.

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 5: Symposium 16**  
**TESTING ADDICTION THEORY-BASED MECHANISMS OF**  
**SMOKING BEHAVIORS: FROM CLINICAL TREATMENT TO**  
**NOVEL HUMAN LABORATORY PARADIGMS**

*Chair: Amanda R. Mathew, PhD, Northwestern University Feinberg School of Medicine*

*Presenters: Brian Hitsman, PhD, Northwestern University Feinberg School of Medicine; Lee Hogarth, PhD, University of Exeter; Amanda Mathew, PhD, Northwestern University Feinberg School of Medicine; Andrea King, PhD, University of Chicago*

*Audience: C, T*







Recent advances in human laboratory-based studies of smoking behavior offer exciting opportunities to bridge the gap between theoretical accounts of nicotine dependence and real-world smoking behavior. In particular, the development of novel analog tasks helps to model key addiction processes observed in the context of clinical treatment (e.g., lapse, relapse); isolate the impact of intra-individual and environmental risk factors on these and other micro processes; and contribute to the development and refinement of theory-guided clinical intervention. This symposium brings together researchers who are conducting innovative and novel smoking cessation research utilizing both human laboratory and clinical trial methodology. Using data from an ongoing clinical trial of varenicline for adult smokers with cancer, Dr. Hitsman will report the results of a study that examines the relative contributions of affect and cognitive functioning in promoting smoking persistence. Dr. Hogarth will extend the focus to the human laboratory by using a novel mood induced tobacco choice task to distinguish intentional and automatic theories of affective control over tobacco-seeking behavior in young adults. Dr. Mathew will present on the role of distress intolerance, another barrier to smoking cessation, on motivation to quit and performance on a lapse analog task in adult daily smokers. Dr. King will expand the focus to newer tobacco products in a socio-behavioral lab model of young adult daily smokers' affect and smoking urge responses to exposure to second generation e-cigarette use. Finally, Dr. Munafo will frame findings in the context of theoretical accounts of addiction and highlight how these data inform our understanding of nicotine dependence and guide the development of more effective smoking cessation interventions.

8:00 a.m.-9:30 a.m. . . . . Sheraton 4 (Level 4)

#### **Podium Presentation 5: Symposium 17**

#### **HOW SHOULD WE TAX ELECTRONIC NICOTINE DELIVERY SYSTEMS—ANALYZING CURRENT EVIDENCE TO INFORM FUTURE POLICY**

*Chair: Raymond G. Boyle, PhD, ClearWay Minnesota*

*Presenters: Ann Boonn, MPH, Campaign for Tobacco-Free Kids; Frank J. Chaloupka, PhD University of Illinois at Chicago; Michael Amato, PhD, ClearWay Minnesota*

*Audience: PH/E, P*

The market for electronic nicotine delivery systems (ENDS) has experienced rapid growth. Some business analysts predict ENDS could surpass the market for combustible cigarettes. While ENDS are substantially less harmful to individuals than combustible tobacco, the rapid growth of ENDS has occurred without deep knowledge of their patterns of use at the population level. ENDS use patterns in relation to initiation, dual use and cessation of combustible tobacco could result in net benefit or net harm to the population as a whole. Regulatory and other policy strategies should be designed to maximize the benefits and minimize the harms of ENDS. A central issue is how ENDS should be taxed, however scant evidence currently exists to inform decision making. In October 2012, Minnesota included ENDS as a product derived from tobacco in the state tobacco product tax. To date this is the only meaningful state tax applied to ENDS in the U.S. In contrast to the position adopted by Minnesota, several researchers have proposed a risk adjusted tax that would tax combusted products proportionately higher than non-combusted products that present a lower risk to the user. As other states and localities move to tax ENDS, a discuss-

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sion of differential taxation proportionate to the relative harms of different products is a timely topic. This symposium will examine the question of ENDS taxation with presentations of original data and a broad discussion of the topic. Raymond Boyle will chair the session. Ann Boonn from the Campaign for Tobacco-Free Kids will provide a general overview of the current status of ENDS taxation at the local and state level. Frank Chaloupka will present analyses of national data exploring ENDS own-price elasticity and cross-price elasticities. Michael Amato will present data from Minnesota by examining sales of ENDS before and after an increase in both cigarette and ENDS taxes. David Abrams will serve as the symposium discussant of the presentations, and will facilitate a broader discussion with the presenters and audience on the merits of ENDS taxation from a population perspective, based on the FDA's mandate to use a public health standard.

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 5: Symposium 18**

**EVIDENCE-BASED INSIGHTS INTO AN EMERGING  
BEHAVIOR: POPULATION DATA ON ADULT E-CIGARETTE  
USERS**

*Chair: Saul Shiffman, PhD, PinneyAssociates, Inc. and the University of Pittsburgh*

*Presenters: K. Michael Cummings, PhD, MPH, Medical University of South Carolina; Saul Shiffman, PhD, PinneyAssociates, Inc and the University of Pittsburgh; Geoffrey M. Curtin, PhD, RAI Services Company; Raymond Niaura, PhD, Schroeder Institute for Tobacco Research and Policy Studies, Legacy*

*Audience: PH/E, P*

E-cigarettes are a fast-emerging class of nicotine products that have generated much debate and controversy, but little is yet known about patterns of adult e-cigarette use. This symposium presents new population data on adult use of e-cigarettes in the US and other countries, to inform the discussion of e-cigarettes. Michael Cummings presents International Tobacco Control survey data documenting trends in adults' beliefs about e-cigarettes and their use of e-cigarettes (including use for cessation) in multiple countries that differ in their regulation of e-cigarettes. The data document rising use, and demonstrate the impact of different regulatory postures across the globe. Saul Shiffman presents US national data on patterns of e-cigarette use, drilling down beneath the typical reports of past-30-day use to document different populations of e-cigarette users based on frequency and amount of e-cigarette use, which in turn differ in demographics and in smoking patterns. Geoffrey Curtin presents US national data on the relationship between e-cigarette use and smoking, showing that greater frequency and amount of e-cigarette use is associated with increased likelihood of having abstained from smoking, and that 93% of adult e-cigarette users were established smokers at the time they adopted e-cigarettes. Ray Niaura presents data from a large US smoking cessation study, comparing outcomes among those who did and did not adopt e-cigarettes for smoking cessation. The analysis makes an important methodological point, showing that the initial association with treatment failure is artifactual, and due to characteristics of smokers who choose to use e-cigarettes. Finally, Ken Warner, as discussant, will provide perspective on the data presented, and their implications for public health, policy, and tobacco and nicotine regulation. Time is provided for audience discussion. The symposium thus provides recent data on current patterns of adult e-cigarette use, touching on multiple uses in multiple populations to inform consideration of the role of e-cigarettes in population nicotine and tobacco use.



8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 5: Symposium 19**

**DEVELOPMENT AND EVALUATION OF DIGITAL HEALTH  
MOBILE APPS FOR SMOKING CESSATION: STATE OF THE  
ART AND FUTURE DIRECTIONS**

*Chair: Reuven Dar, PhD, Tel Aviv University*

*Presenters: Reuven Dar, PhD, Tel Aviv University; Lorien C  
Abroms, ScD, George Washington University; Jonathan B  
Bricker, PhD, Fred Hutchinson Cancer Research Center*

*Audience: HD, C, T, PH/E*

Recent years have witnessed a revolution in the number and sophistication of smartphone apps aimed at delivering smoking cessation interventions. The symposium will describe the development and evaluation of three interventions for smoking cessation using digital health mobile apps. The first speaker in the symposium will be Dr. Lorien Abroms from George Washington University. She will present findings related to SmokefreeMOM (SFM), the National Cancer Institute's text messaging program that provides encouragement, advice, and tips to help pregnant women quit smoking. Dr. Abroms will present data on program adherence as well as short-term results of a pilot randomized trial within health systems. She will discuss the challenges involved in identifying ways of engaging smokers in a program setting and in evaluating the effects of such programs on cessation. The second speaker, Dr. Jonathan Bricker from Fred Hutchinson Cancer Research Center, will present data on the receptivity and cessation outcomes for a smoking cessation app that follows the principles of Acceptance & Commitment Therapy (ACT). The results from this trial in a population of primarily low SES female smokers showed that ACT was well-received and was associated with promising quit rates. Dr. Bricker will discuss methods which might increase program completion and potentially lead to higher quit rates. Finally, Dr. Reuven Dar from Tel Aviv University will describe SmokeBeat, a new smoking cessation app designed for use with smartwatches and wristbands. SmokeBeat is powered by a software platform that processes information from the sensors embedded in wearables. It can identify in real time the hand-to-mouth gestures that characterize smoking a cigarette and distinguish them from similar gestures (e.g., eating, drinking, shaving). The back-end platform generates data analytics on a vast number of smoking parameters and distills from them both general and personal smoking patterns. Dr. Dar will present findings on the accuracy and reliability of SmokeBeat in detecting smoking gestures as well as data from a pilot study. The discussion will be led by Dr. Robert West from University College London.

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8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 5: Paper Session 20**

**BIOMARKERS OF TOBACCO USE**

*Session Chair: Bartosz Koszowski, PhD*

*Audience: C, PH/E*

8:00 a.m.-8:15 a.m.

**ASSESSING U.S. POPULATION EXPOSURE TO CYANIDE  
AND SELECTED OTHER SMOKE CHEMICALS: NHANES  
2001-2014**

*Benjamin C. Blount\*, Liza Valentin-Blasini, Maria Morel-Espinosa, Lavinia Mills-Herring, and Rey de Castro, Tobacco and Volatiles Branch, Division of Laboratory Sciences, Centers for Disease Control and Prevention, Atlanta, GA, USA*

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8:15 a.m.-8:30 a.m.

**ASSESSMENT OF VOLATILE NITROSAMINE EXPOSURE  
IN THE U.S. POPULATION-NHANES 2013-14**

*Tiffany Seyler<sup>\*1</sup>, James Hodgson<sup>2</sup>, Lanqing Wang<sup>1</sup>, Debi Rhyner<sup>2</sup>, Benjamin Blount<sup>1</sup>, <sup>1</sup>CDC, GA, USA, <sup>2</sup>ORISE, GA, USA*

8:30 a.m.-8:45 a.m.

**EXAMINING COTININE AND HEMOGLOBIN A1C AMONG  
ADOLESCENTS FROM THE 1999-2012 NATIONAL  
HEALTH AND NUTRITION EXAMINATION SURVEY**

*Ashley Merianos<sup>\*1</sup>, Md. Monir Hossain<sup>2</sup>, E. Melinda Mahabee-Gittens<sup>2</sup>, <sup>1</sup>University of Cincinnati, OH, USA, <sup>2</sup>Cincinnati Children's Hospital Medical Center, OH, USA*

8:45 a.m.-9:00 a.m.

**TRANS-3'-HYDROXYCOTININE (3HC) TO COTININE (COT)  
RATIO AND TIME TO FIRST CIGARETTE AMONG YOUNG  
ADULT SMOKERS**

*Steven Branstetter<sup>\*1</sup>, Melissa Mercincavage<sup>2</sup>, Joshua Muscat<sup>1</sup>, <sup>1</sup>The Pennsylvania State University, PA, USA, <sup>2</sup>The University of Pennsylvania, PA, USA*

9:00 a.m.-9:15 a.m.

**PERFORMANCE CHARACTERIZATION OF PTS DETECT  
COTININE SYSTEM, A POINT-OF-CARE-ANALYZER FOR  
THE RAPID QUANTIFICATION OF COTININE IN WHOLE  
BLOOD**

*Christopher Dailey, PhD<sup>\*1</sup>, Charles Xie, MD<sup>2</sup>, Pauline Shinkawa<sup>2</sup>, Tu-Anh Nguyen<sup>2</sup>, Annie Vu-Mendoza<sup>2</sup>, Kristin Westerfield, MBA<sup>1</sup>, Bao Phan<sup>2</sup>, Richard Lee<sup>2</sup>, Lee Springer<sup>1</sup>, Keith Moskowitz, PhD<sup>1</sup>, <sup>1</sup>PTS Diagnostics, IN, USA, <sup>2</sup>PTS Diagnostics, CA, USA*

9:15 a.m.-9:30 a.m.

**AN IMPROVED METHOD FOR THE MEASUREMENT  
OF TOBACCO-SPECIFIC CARCINOGEN BIOMARKER  
URINARY 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-  
BUTANOL (NNAL) IN TOBACCO USERS**

*Baoyun Xia, Lanqing Wang, Yang Xia<sup>\*</sup>, Centers for Disease Control and Prevention, GA, USA*

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 5: Paper Session 21**

**SMOKING AND SOCIAL MEDIA**

*Session Chair: Corrine Graffunder, PhD*

*Audience: C, PH/E*

8:00 a.m.-8:15 a.m.

**EXPLORING THE UTILITY OF ONLINE SOCIAL MEDIA  
ADVERTISING TO RECRUIT ADULT HEAVY DRINKING  
SMOKERS FOR TREATMENT**

*Krysten Bold<sup>\*</sup>, Tess Hanrahan, Stephanie O'Malley, Lisa Fucito, Yale School of Medicine, CT, USA*

8:15 a.m.-8:30 a.m.

**USING WHATSAPP AND FACEBOOK SOCIAL GROUPS  
FOR SMOKING RELAPSE PREVENTION: A PILOT  
PRAGMATIC RANDOMIZED CONTROLLED TRIAL**

*Ching Han Helen Chan<sup>1</sup>, Chi Keung Jonah Lai<sup>1</sup>, Wai Fung Vivian Chan<sup>2</sup>, Man Ping Wang<sup>2</sup>, William Ho Cheung Li<sup>2</sup>, Sophia Siu Chee Chan<sup>2</sup>, Tai-hing Lam<sup>2</sup>, <sup>1</sup>Integrated Centre on Smoking Cessation, Tung Wah Group of Hospitals, Hong Kong, <sup>2</sup>The University of Hong Kong, Hong Kong*



8:30 a.m.-8:45 a.m.

**GENDER DIFFERENCES IN LANGUAGE DISCLOSED IN TWITTER-BASED QUIT SMOKING INTERVENTION**

Ashley Sanders-Jackson<sup>\*1</sup>, Brandon Zerbe<sup>1</sup>, Connie Pechmann<sup>2</sup>, Judith Prochaska<sup>3</sup>, <sup>1</sup>Michigan State University, MI, USA, <sup>2</sup>University of California Irvine, CA, USA, <sup>3</sup>Stanford University, CA, USA

8:45 a.m.-9:00 a.m.

**EXPOSURE AND ENGAGEMENT WITH TOBACCO AND E-CIGARETTE-RELATED SOCIAL MEDIA AMONG TEXAS ADOLESCENTS**

Emily Hébert<sup>\*</sup>, Kathleen Case, Steven Kelder, Cheryl Perry, Melissa Harrell, University of Texas Health Science Center, School of Public Health, Austin Regional Campus, TX, USA

9:00 a.m.-9:15 a.m.

**EXAMINATION OF SOCIAL MEDIA E-CIGARETTE MESSAGES: MARKETING AND CONSUMER CONVERSATIONS ON TWITTER**

Allison Lazard<sup>\*1</sup>, Gary Wilcox<sup>2</sup>, Arnold Chung<sup>2</sup>, Michael Mackert<sup>2</sup>, Jay Bernhardt<sup>2</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>The University of Texas at Austin, TX, USA

9:15 a.m.-9:30 a.m.

**FROM 'VAPE' TRICKS TO BRAND PROMOTION: ASSESSING YOUTUBE VIDEO CONTENT RELATED TO ELECTRONIC CIGARETTES**

Kari Peterson<sup>\*</sup>, Steven Binns, Jidong Huang, Sherry Emery, University of Illinois Institute for Health Research and Policy, IL, USA

9:30 a.m.-10:00 a.m. . . . . Sheraton 5 (Level 4)  
**Refreshment Break**

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)  
**Podium Presentation 6: Paper Session 22**  
**DISPARITIES POPULATIONS**

Session Chair: Lisa Cox, PhD

Audience: HD, PH/E, P, T, PC

10:00 a.m.-10:15 a.m.

**GENDER DIFFERENCES IN THE ASSOCIATION OF SEXUAL ORIENTATION WITH SMOKING STATUS AND SMOKING CHARACTERISTICS: FINDINGS FROM A REPRESENTATIVE POPULATION SURVEY**

Lion Shahab<sup>\*1</sup>, Jamie Brown<sup>1</sup>, Robert West<sup>1</sup>, Catherine Meads<sup>2</sup>, <sup>1</sup>University College London, United Kingdom, <sup>2</sup>Brunel University, United Kingdom

10:15 a.m.-10:30 a.m.

**PERCEPTIONS OF E-CIGARETTES AMONG LGBTQ YOUTH AND YOUNG ADULTS IN ONTARIO CANADA**

Ryan David Kennedy<sup>\*1</sup>, Jennifer Yessis<sup>2</sup>, Sunday Azagba<sup>2</sup>, Michael Chaiton<sup>3</sup>, Alanna Shuh<sup>2</sup>, Aneta Abramowicz<sup>2</sup>, Katy Wong<sup>2</sup>, Amer Esmail<sup>4</sup>, N Bruce Baskerville<sup>2</sup>, <sup>1</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA, <sup>2</sup>Profil Centre for Population Health Impact, University of Waterloo, ON, Canada, <sup>3</sup>Ontario Tobacco Research Unit, Dalla Lana School of Public Health, University of Toronto, ON, Canada, <sup>4</sup>Sherbourne Health Centre, Toronto, ON, Canada

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10:30 a.m.-10:45 a.m.

**UNCOVERING HETEROGENEITY IN AFRICAN AMERICAN TOBACCO USE: THE ROLE OF EDUCATION**

Amanda Richardson<sup>\*1</sup>, Yoonsang Kim<sup>2</sup>, Kristin Emory<sup>3</sup>, Sherry Emery<sup>2</sup>, <sup>1</sup>University of North Carolina-Chapel Hill, NC, USA, <sup>2</sup>University of Illinois - Chicago, IL, USA, <sup>3</sup>University of California - San Diego, CA, USA

10:45 a.m.-11:00 a.m.

**SMOKEFREE VET QUIT PLAN: HELPING VETERANS PREPARE FOR SMOKING CESSATION THROUGH PERSONALIZATION**

Jillian Pugatch<sup>1</sup>, Lindy Dreyer<sup>1</sup>, Brian Keefe<sup>1</sup>, Amy Sanders<sup>1</sup>, Kisha Coa<sup>\*1</sup>, Erik Augustson<sup>1</sup>, Kim Hamlett-Berry<sup>2</sup>, Dana Christofferson<sup>2</sup>, <sup>1</sup>ICF International, MD, USA, <sup>2</sup>Department of Veterans Affairs, DC, USA

11:00 a.m.-11:15 a.m.

**DEMAND FOR CIGARETTES VARYING IN NICOTINE CONTENT IN SMOKERS FROM VULNERABLE POPULATIONS: A PILOT STUDY**

Ryan Redner<sup>\*1</sup>, Ivori Zvorsky<sup>2</sup>, Sarah Heil<sup>2</sup>, Stacey Sigmon<sup>2</sup>, Jennifer Tidey<sup>3</sup>, Maxine Stitzer<sup>4</sup>, Diann Gaalema<sup>2</sup>, Mike Desarno<sup>2</sup>, Hanna Durand<sup>2</sup>, Stephen Higgins<sup>2</sup>, <sup>1</sup>Southern Illinois University, Carbondale, IL, USA, <sup>2</sup>University of Vermont, VT, USA, <sup>3</sup>Brown University, RI, USA, <sup>4</sup>Johns Hopkins Medical University, MD, USA

11:15 a.m.-11:30 a.m.

**BARRIERS TO CESSATION AS A MEDIATOR BETWEEN NICOTINE DEPENDENCE AND WITHDRAWAL IN PREDOMINANTLY AFRICAN AMERICAN SMOKERS**

Anika Suddath<sup>\*</sup>, Thomas Rutner<sup>\*</sup>, Matthew Kirkpatrick, Adam Leventhal, Raina Pang, University of Southern California, CA, USA

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 6: Paper Session 23****TOBACCO HEALTH WARNING**

Session Chair: James Thrasher, PhD

Audience: P, PH/E, LMIC, I

10:00 a.m.-10:15 a.m.

**DOES ANYONE HEED THE WARNINGS? SYSTEMATIC REVIEW OF THE LONGITUDINAL IMPACT OF CIGARETTE PACK WARNINGS**

Seth Noar<sup>\*1</sup>, Diane Francis<sup>1</sup>, Christy Bridges<sup>2</sup>, Jennah Sontag<sup>1</sup>, Kurt Ribisl<sup>1</sup>, Noel Brewer<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>Orange County Health Department, NC, USA

10:15 a.m.-10:30 a.m.

**IMPACT OF GRAPHIC PACK WARNINGS ON ADULT SMOKERS' QUITTING ACTIVITIES: FINDINGS FROM THE ITC SOUTHEAST ASIA SURVEY (2005-2014)**

Lin Li<sup>\*1</sup>, Ahmed Fathelrahman<sup>2</sup>, Ron Borland<sup>1</sup>, Maizurah Omar<sup>3</sup>, Geoffrey Fong<sup>4</sup>, Anne Quah<sup>4</sup>, Buppha Sirirassamee<sup>5</sup>, Hua Yong<sup>1</sup>, <sup>1</sup>Cancer Council Victoria, Australia, <sup>2</sup>Qassim University, Saudi Arabia, <sup>3</sup>Universiti Sains Malaysia, Malaysia, <sup>4</sup>University of Waterloo, Canada, <sup>5</sup>Mahidol University Salaya, Thailand



10:30 a.m.-10:45 a.m.

**EFFECTIVENESS OF CIGARETTE HEALTH WARNING LABELS AMONG NON-SMOKERS IN CHINA: FINDINGS FROM THE ITC CHINA WAVE 4 SURVEY**

*Zejun Li<sup>\*1</sup>, Sara Hitchman<sup>2</sup>, Tara Elton-Marshall<sup>3</sup>, Geoffrey Fong<sup>4,5</sup>, Anne Quah<sup>4</sup>, Guoze Feng<sup>6</sup>, Yang Jiang<sup>6</sup>, <sup>1</sup>Department of Basic and Clinical Neuroscience, Institute of Psychiatry, Psychology, and Neuroscience, King's College London, London, England, United Kingdom, <sup>2</sup>Department of Addictions, Institute of Psychiatry, Psychology, and Neuroscience, King's College London, London, England, UK Centre for Tobacco and Alcohol Studies, UK, United Kingdom, <sup>3</sup>Social and Epidemiological Research Department, Centre for Addiction and Mental Health, London, Canada, Dalla Lana School of Public Health, University of Toronto, Toronto, Canada, <sup>4</sup>Department of Psychology, University of Waterloo, Waterloo, Canada, <sup>5</sup>Ontario Institute for Cancer Research, Toronto, Canada, School of Public Health and Health Systems, University of Waterloo, Waterloo, Canada, <sup>6</sup>Tobacco Control Office, Chinese Center for Disease Control and Prevention, Beijing, China*

10:45 a.m.-11:00 a.m.

**A SHORT MEASURE OF REACTANCE TO HEALTH WARNINGS**

*Marissa Hall<sup>\*</sup>, Paschal Sheeran, Seth Noar, Kurt Ribisl, Noel Brewer, University of North Carolina, NC, USA*

11:00 a.m.-11:15 a.m.

**CIGARETTE-PACK WARNINGS, AWARENESS OF TOBACCO CONSTITUENTS AND QUIT BEHAVIOR: A POPULATION-BASED LONGITUDINAL STUDY OF SMOKERS IN AUSTRALIA, CANADA, MEXICO, AND THE UNITED STATES**

*Kamala Swayampakala<sup>\*1</sup>, Yoojin Cho<sup>2</sup>, Issac Reiner<sup>3</sup>, Hua Yong<sup>4</sup>, Ron Borland<sup>4</sup>, David Hammond<sup>5</sup>, K. Michael Cummings<sup>6</sup>, James Thrasher<sup>2</sup>, <sup>1</sup>University of South Carolina, TX, USA, <sup>2</sup>University of South Carolina, SC, USA, <sup>3</sup>Duke University, NC, USA, <sup>4</sup>Cancer Council Victoria, Australia, <sup>5</sup>University of Waterloo, Canada, <sup>6</sup>Medical University of South Carolina, SC, USA*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)  
**Podium Presentation 6: Paper Session 24**  
**SMOKING IN PREGNANCY**

*Session Chair: Cheryl Oncken, PhD*

*Audience: T, C*

10:00 a.m.-10:15 a.m.

**MODIFIABLE RISK FACTORS FOR SMOKING IN PREGNANCY: A COMPARISON OF PREGNANT CURRENT AND FORMER SMOKERS USING NATIONAL SURVEY DATA**

*Amy Loree<sup>\*1</sup>, Steven Ondersma<sup>2</sup>, Emily Grekin<sup>2</sup>, <sup>1</sup>VA Connecticut Healthcare System, Yale University School of Medicine, CT, USA, <sup>2</sup>Wayne State University, MI, USA*

10:15 a.m.-10:30 a.m.

**CORRESPONDENCE BETWEEN SELF-REPORTED AND BIOCHEMICAL MEASURES OF CIGARETTE SMOKING IN PREGNANT WOMEN**

*Cecilia Bergeria<sup>\*1</sup>, Sarah Heil<sup>1</sup>, Laura Solomon<sup>2</sup>, Joan Skelly<sup>2</sup>, Ira Bernstein<sup>2</sup>, Stephen Higgins<sup>1</sup>, <sup>1</sup>Vermont Center on Behavior and Health, University of Vermont, VT, USA, <sup>2</sup>University of Vermont, VT, USA*

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

Saturday, March 5, 2016



10:30 a.m.-10:45 a.m.

**USING EXPIRED AIR CARBON MONOXIDE TO DETECT PREGNANCY SMOKING: VALIDATING A CUT-POINT AND ESTIMATING SMOKING AMOUNT**

*Beth Bailey\*, Lana McGrady, East Tennessee State University, TN, USA*

10:45 a.m.-11:00 a.m.

**THE EFFICACY OF A PROACTIVE SMOKING CESSATION OUTREACH PROGRAM ON PREGNANT AND PARENTING WOMEN**

*Rachel Widome\*<sup>1</sup>, Jessie Saul<sup>2</sup>, Anne Joseph<sup>1</sup>, David Nelson<sup>3</sup>, Diana Burgess<sup>3</sup>, Janel Thomas<sup>1</sup>, Patrick Hammett<sup>1</sup>, Barbara Clothier<sup>3</sup>, Steven Fu<sup>3</sup>, <sup>1</sup>University of Minnesota, MN, USA, <sup>2</sup>North American Quitline Consortium, MN, USA, <sup>3</sup>Department of Veterans Affairs, MN, USA*

11:00 a.m.-11:15 a.m.

**PILOT STUDY FINDINGS OF PHONE-BASED POSTPARTUM CONTINUING CARE FOR LOW-INCOME PREGNANT SMOKERS**

*Victoria Coleman-Cowger\*<sup>1</sup>, Bartosz Koszowski<sup>1</sup>, Zachary Rosenberry<sup>1</sup>, Katrina Mark<sup>2</sup>, Mishka Terplan<sup>3</sup>, <sup>1</sup>Battelle, MD, USA, <sup>2</sup>University of Maryland - Baltimore, MD, USA, <sup>3</sup>Behavioral Health System Baltimore, MD, USA*

11:15 a.m.-11:30 a.m.

**ASSESSING THE POSSIBLE ROLE OF INTRAUTERINE EFFECTS IN THE ASSOCIATION BETWEEN MATERNAL SMOKING DURING PREGNANCY AND OFFSPRING DEPRESSION USING PATERNAL SMOKING AS A NEGATIVE CONTROL: A CROSS-COHORT COMPARISON STUDY**

*David Carslake<sup>1</sup>, Christian Loret de Mola<sup>2</sup>, Tom Nilsen<sup>3</sup>, Johan Bjørngaard<sup>3</sup>, Pal Romundstad<sup>3</sup>, Bernardo Lessa Horta<sup>2</sup>, Cesar Victora<sup>2</sup>, George Davey Smith<sup>1</sup>, Marcus Munafò<sup>1</sup>, Amy Taylor\*<sup>1</sup>, <sup>1</sup>University of Bristol, United Kingdom, <sup>2</sup>University of Pelotas, Brazil, <sup>3</sup>NTNU, Norway*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 6: Paper Session 25**

**NICOTINE AND CUE REACTIVITY**

*Session Chair: Andy Harris, PhD*

*Audience: PC, C*

10:00 a.m.-10:15 a.m.

**NICOTINE SELF-ADMINISTRATION AND ASSOCIATED CUES IN ADOLESCENT RATS**

*Alan Sved\*, Jillian Weeks, Rachel Schassburger, Elizabeth Shupe, Laura Rupprecht, Tracy Smith, Eric Donny, University of Pittsburgh, PA, USA*

10:15 a.m.-10:30 a.m.

**COMBINING PROXIMAL AND PERSONAL-ENVIRONMENT SMOKING CUES ENHANCES CUE-INDUCED CRAVING AND SMOKING BEHAVIOR, AND PREDICTS IMMEDIATE SUBSEQUENT SMOKING**

*Cynthia Conklin\*<sup>1</sup>, Francis McClernon<sup>2</sup>, Elizabeth Vella<sup>2</sup>, Christopher Joyce<sup>1</sup>, Ronald Salkeld<sup>1</sup>, Craig Parzynski<sup>1</sup>, Lee Bennett<sup>1</sup>, <sup>1</sup>University of Pittsburgh, PA, USA, <sup>2</sup>Duke University, NC, USA*

10:30 a.m.-10:45 a.m.

**SEX DIFFERENCES IN CUE-RELATED BOLD ACTIVATION AND EFFECTIVE CONNECTIVITY IN SMOKERS**

*Maggie Sweitzer, Rachel Kozink, Matthew Hallyburton, Nicole Kaiser, Jason Oliver, Francis McClernon, Duke University School of Medicine, NC, USA*





10:45 a.m.-11:00 a.m.

**BRAIN RESPONSES TO SMOKING CUES DIFFER BASED ON NICOTINE METABOLISM RATE**

Mary Falcone<sup>1</sup>, Wen Cao<sup>2</sup>, Leah Bernardo<sup>1</sup>, Rachel Tyndale<sup>3</sup>, James Loughhead<sup>\*1</sup>, Caryn Lerman<sup>1</sup>, <sup>1</sup>University of Pennsylvania, PA, USA, <sup>2</sup>University of Wisconsin, USA, <sup>3</sup>University of Toronto, ON, Canada

11:00 a.m.-11:15 a.m.

**EFFECTS OF NICOTINE ABSTINENCE, SATIETY, AND REPLACEMENT ON EMOTIONAL CUE REACTIVITY IN TREATMENT SEEKING SMOKERS: AN FMRI STUDY**

Paul Wannas<sup>\*1</sup>, Temitope Olanbiwonnu<sup>1</sup>, Doris Payer<sup>2</sup>, Peter Selby<sup>2</sup>, Laurie Zawertailo<sup>2</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada

11:15 a.m.-11:30 a.m.

**DECEPTIVELY SIMPLE: METHODS FOR DECREASING SUBJECT EXPECTANCY AS PART OF A CUE-REACTIVITY STUDY OF E-CIGARETTE AND REGULAR CIGARETTE PASSIVE EXPOSURE**

Patrick Smith, Patrick McNamara, Lia Smith, Andrea King<sup>\*</sup>, University of Chicago, IL, USA

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 6: Paper Session 26**

**INTERACTION BETWEEN ALCOHOL AND SMOKING**

Session Chair: David Wetter, PhD

Audience: C, PH/E

10:00 a.m.-10:12 a.m.

**NATURAL HISTORY OF ALCOHOL USE DURING SMOKING CESSATION**

Paul Etcheverry, PhD<sup>\*1</sup>, Virmarie Correa-Fernández, PhD<sup>2</sup>, Marcel de Dios, PhD<sup>3</sup>, Cho Lam, PhD<sup>4</sup>, Miguel Cano, PhD<sup>5</sup>, Paul Cinciripini, PhD<sup>3</sup>, David Wetter, PhD<sup>4</sup>, <sup>1</sup>Southern Illinois University, <sup>2</sup>University of Houston, <sup>3</sup>The University of Texas MD Anderson Cancer Center, <sup>4</sup>Rice University, <sup>5</sup>Florida International University

10:12 a.m.-10:24 a.m.

**NOVEL METHODS AND NEW INSIGHTS IN THE RELATIONSHIP BETWEEN SMOKING AND DRINKING: EXPLORING DIFFERENCES IN DRUG CUE REACTIVITY USING NONLINEAR RESPONSE SURFACE MODELING**

Jason Oliver, PhD<sup>\*1</sup>, David Drobos, PhD<sup>2</sup>, <sup>1</sup>Duke University School of Medicine, <sup>2</sup>Moffitt Cancer Center and University of South Florida

10:24 a.m.-10:36 a.m.

**ONLY TIME WILL TELL: ALCOHOL-INDUCED SMOKING URGE AND BEHAVIOR IN A LONGITUDINAL INVESTIGATION**

Lia Smith, Patrick McNamara, Andrea King<sup>\*</sup>, University of Chicago, IL, USA

10:36 a.m.-10:48 a.m.

**EXAMINING ALCOHOL AND MARIJUANA USE IN YOUNG ADULT DUAL USERS OF CIGARETTES AND E-CIGARETTES**

Alexandra Loukas<sup>1</sup>, Keryn Pasch<sup>1</sup>, Melissa Harrell<sup>2</sup>, Cheryl Perry<sup>2</sup>, <sup>1</sup>University of Texas at Austin, TX, USA, <sup>2</sup>The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment

Saturday, March 5, 2016



10:48 a.m.-11:00 a.m.

**THE IMPACT OF ALCOHOLIC BEVERAGE DRINKING BEHAVIOR ON SMOKING CESSATION IN A FACTORIAL DESIGN SMOKING CESSATION INTERVENTION**

*Krystal Lynch<sup>1,2</sup>, Alexandra Stern<sup>1,2</sup>, Erik Augustson<sup>1</sup>, <sup>1</sup>National Cancer Institute, National Institutes of Health, MD, USA, <sup>2</sup>BLH Technologies, Inc., MD, USA*

11:00 a.m.-11:12 a.m.

**CONCURRENT TREATMENT FOR SMOKING CESSATION AND AT-RISK DRINKING**

*Virmarie Correa-Fernández, PhD<sup>\*1</sup>, Elba Diaz-Toro, DMD<sup>2</sup>, Lorraine Reitzel, PhD<sup>1</sup>, Lin Guo, PhD<sup>3</sup>, Minxing Chen, MS<sup>3</sup>, Yisheng Li, PhD<sup>3</sup>, William Calo, PhD<sup>4</sup>, Ya-Chen Shih, PhD<sup>3</sup>, David Wetter, PhD<sup>5</sup>, <sup>1</sup>University of Houston, <sup>2</sup>University of Puerto Rico Comprehensive Cancer Center, <sup>3</sup>The University of Texas MD Anderson Cancer Center, <sup>4</sup>University of North Carolina at Chapel Hill, <sup>5</sup>Rice University*

11:12 a.m.-11:24 a.m.

**THE IMPACT OF ALCOHOL USE ON WATERPIPE SMOKING BEHAVIORS AND CARBON MONOXIDE EXPOSURE: A PILOT INVESTIGATION**

*Eleanor Leavens<sup>\*1</sup>, Emma Brett<sup>1</sup>, Thad Leffingwell<sup>2</sup>, Julie Croff<sup>2</sup>, Neil Molina<sup>3</sup>, Leslie Driskill<sup>3</sup>, Michael Anderson<sup>4</sup>, <sup>1</sup>Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, <sup>2</sup>Oklahoma State University, OK, USA, <sup>3</sup>Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA, <sup>4</sup>The University of Oklahoma Health Sciences Center, OK, USA*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 6: Paper Session 27**

**SMOKING AND PSYCHIATRIC CO-MORBIDITIES**

*Session Chair: Rachel Grana, PhD, MPH*

*Audience: C, T, PH/E*

10:00 a.m.-10:15 a.m.

**SMOKING TRENDS AMONG ADULTS WITH BEHAVIORAL HEALTH CONDITIONS IN INTEGRATED HEALTHCARE: A RETROSPECTIVE COHORT STUDY**

*Kelly Young-Wolff, PhD, MPH<sup>\*1</sup>, Andrea Kline-Simon, MS<sup>1</sup>, Smita Das, PhD, MPH<sup>2</sup>, Donald Mordecai, MD<sup>3</sup>, Chris Miller-Rosales, MSPH<sup>1</sup>, Constance Weisner, DrPh, MSW<sup>1,4</sup>, <sup>1</sup>Kaiser Permanente, <sup>2</sup>Stanford University School of Medicine, <sup>3</sup>The Permanente Medical Group, Kaiser Permanente Northern California, <sup>4</sup>University of California, San Francisco*

10:15 a.m.-10:30 a.m.

**SYSTEM CHANGES TO SUPPORT ADOPTION OF TOBACCO USE TREATMENT GUIDELINES IN HEALTH CARE SETTINGS SERVING DISPARATE POPULATIONS: A COMPARISON OF BEHAVIORAL VS MEDICAL HEALTH CARE DELIVERY SYSTEMS**

*Donna Shelley, MD, MPH<sup>\*</sup>, Deepa Prasad, MPH, Marcy Hager, MA, Allison Pastel, MPH, Christina Kyriakos, MPH, Matt Mikaelian, MSW, New York University School of Medicine*

10:30 a.m.-10:45 a.m.

**THE IMPACT OF NEW CMS PSYCHIATRIC FACILITY TOBACCO MEASURES ON INPATIENT CARE**

*Kimber Richter, PhD, MPH<sup>\*</sup>, Shane Carrillo, BA, Henrique Gomide, MA, Taneisha Scheuermann, PhD, University of Kansas Medical Center*



10:45 a.m.-11:00 a.m.

**SMOKING CESSATION OUTCOMES AMONG SMOKERS WITH CO-MORBID MENTAL HEALTH AND CHRONIC CONDITIONS ENROLLED IN A TOBACCO QUITLINE**

*Uma Nair\*, Dustin Holloway, Benjamin Brady, Nicole Yuan, University of Arizona, AZ, USA*

11:00 a.m.-11:15 a.m.

**INVESTIGATING CAUSALITY IN ASSOCIATIONS BETWEEN SMOKING AND SCHIZOPHRENIA**

*Suzi Gage\*, Hannah Jones, Stanley Zammit, Amy Taylor, Marcus Munafo, University of Bristol, United Kingdom*

11:15 a.m.-11:30 a.m.

**DEPRESSIVE SYMPTOM DOMAINS, AVOIDANCE MOTIVES FOR SMOKING, AND CESSATION OUTCOMES**

*Jaimee Heffner<sup>\*1</sup>, Kristin Mull<sup>1</sup>, Wade Copeland<sup>1</sup>, Jennifer McClure<sup>2</sup>, Jonathan Bricker<sup>3</sup>, <sup>1</sup>Fred Hutchinson Cancer Research Center, WA, USA, <sup>2</sup>Group Health Research Institute, WA, USA, <sup>3</sup>Fred Hutchinson Cancer Research Center University of Washington, WA, USA*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 6: Paper Session 28**

**OTHER TOBACCO PRODUCTS**

*Session Chair: Andrea Villanti, PhD*

*Audience: P, PH/E, I, LMIC*

10:00 a.m.-10:15 a.m.

**PHYSICAL DESIGN CHARACTERISTICS OF LITTLE FILTERED CIGARS AND CIGARILLOS**

*Jessica Kulak<sup>\*1,2</sup>, Anthony Carerro<sup>2</sup>, Mark Travers<sup>2</sup>, <sup>2</sup>Roswell Park Cancer Institute, NY, USA, <sup>1</sup>University at Buffalo, NY, USA*

10:15 a.m.-10:30 a.m.

**SUBTYPES OF LITTLE CIGAR/CIGARILLO SMOKING: UNDERSTANDING PATTERNS OF USE AND PERCEPTIONS OF RISKS AMONG YOUNG ADULT CIGARETTE SMOKERS**

*Kymberle Sterling, DrPH, MPH<sup>\*1</sup>, Craig Fryer, DrPH, MPH<sup>2</sup>, <sup>1</sup>Georgia State University, <sup>2</sup>University of Maryland, College Park*

10:30 a.m.-10:45 a.m.

**CHARACTERISTICS AND CONCURRENT SUBSTANCE USE BEHAVIORS OF HIGH SCHOOL YOUTH WHO "FREAK" CIGARS, CIGARILLOS, AND LITTLE CIGARS**

*Erika Trapl, PhD\*, Sarah Koopman Gonzalez, MA, Jean Frank, MPH, Case Western Reserve University*

10:45 a.m.-11:00 a.m.

**TRENDS IN PAST 30-DAY CIGAR USE PREVALENCE: WHAT IF BLUNT USE WAS CLASSIFIED AS CIGAR USE?**

*Sara Kennedy<sup>\*1</sup>, Caraballo Ralph<sup>2</sup>, James Tsai<sup>2</sup>, Italia Rolle<sup>2</sup>, <sup>1</sup>RTI International, GA, USA, <sup>2</sup>Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA*

11:00 a.m.-11:15 a.m.

**EXAMINING THE IMPLEMENTATION AND UNINTENDED CONSEQUENCES OF A BAN ON SMOKELESS TOBACCO IN EIGHT STATES IN INDIA**

*Lisa Lagasse\*, Harkirat Singh, Ryan Kennedy, Joanna Cohen, Johns Hopkins Bloomberg School of Public Health, MD, USA*

Saturday, March 5, 2016

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment



11:15 a.m.-11:30 a.m.

**THE SHIFTING RELATIVE UPTAKE AND USE OF SNUS BY  
SMOKERS AND NON-SMOKERS IN NORWAY: WHAT WILL  
BE THE IMPACT ON PUBLIC HEALTH?**

*Karl Lund\*, Tord Vedoy, Norwegian Institute for Alcohol and  
Drug Research, Norway*

10:00 a.m.-11:30 a.m. . . . . Sheraton 4 (Level 4)

**Podium Presentation 6: Paper Session 29  
HOT TOPICS RAPID FIRE SESSION**

*Session Chair: Richard Edwards, PhD  
Audience: T*

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (Exhibition Level 1)

**Poster Session 5: Rapid Response**

[illegible]

[illegible]

[illegible]

[illegible]





**POSTER SESSION  
1  
THURSDAY  
MARCH 3, 2016  
11:30 A.M.-1:00 P.M.**

Poster Session 1 • Thursday, March 3, 2016 • 11:30 a.m.-1:00 p.m.

[illegible]



## POSTER SESSION 1

9:30 a.m.-10:00 a.m. . . . . Presenters set up posters

11:30 a.m.-1:00 p.m. . . . . Poster Session 1  
**Presenters available at their poster**

1:00 p.m.-2:00 p.m. . . . . Presenters remove posters

**POS1-1**

**ASSOCIATION OF MAJOR DEPRESSIVE DISORDER AND  
 SUBSTANCE USE DISORDERS WITH HEALTH RELATED  
 QUALITY OF LIFE AMONG DAILY SMOKERS IN RESIDEN-  
 TIAL SUBSTANCE USE TREATMENT**

*Elana Hoffman\*, Allison Borges, Andrew Ninnemann, Laura  
 MacPherson, University of Maryland- College Park, MD, USA*

**POS1-2**

**NEURAL AND BEHAVIORAL CORRELATES OF INHIBITORY  
 CONTROL AND CIGARETTE SMOKING**

*Spencer Bell\*<sup>1</sup>, Christie Eichberg<sup>1</sup>, Patrick McConnell<sup>1</sup>, F.  
 McClellon<sup>2</sup>, Brett Froeliger<sup>1</sup>, <sup>1</sup>Medical University of South  
 Carolina, SC, USA, <sup>2</sup>Duke University, NC, USA*

**POS1-3**

**MARIJUANA AND TOBACCO CO-USE VIA BLUNTS AMONG  
 AFRICAN AMERICANS**

*LaTrice Montgomery\*<sup>1</sup>, Kara Bagot<sup>2</sup>, <sup>1</sup>University of Cincinnati,  
 OH, USA, <sup>2</sup>Yale University, CT, USA*

**POS1-4**

**DIFFERENCES IN THE RELATIONSHIP OF MARIJUANA  
 AND TOBACCO BY FREQUENCY OF USE: A QUALITATIVE  
 STUDY**

*Gillian Schauer\*<sup>1</sup>, Casey Hall<sup>1</sup>, Carla Berg<sup>1</sup>, Michelle Kegler<sup>1</sup>,  
 Dennis Donovan<sup>2</sup>, Michael Windle<sup>1</sup>, <sup>1</sup>Rollins School of Public  
 Health, Emory University, GA, USA, <sup>2</sup>Alcohol and Drug Abuse  
 Institute, University of Washington, WA, USA*

**POS1-5**

**FURTHER EVIDENCE OF ELEVATED BEHAVIORAL ECO-  
 NOMIC DEMAND FOR ALCOHOL IN HEAVY DRINKING  
 SMOKERS**

*Amlung Michael\*<sup>1</sup>, James MacKillop<sup>1</sup>, Peter Monti<sup>2</sup>, Robert Mi-  
 randa<sup>2</sup>, <sup>1</sup>McMaster University, ON, Canada, <sup>2</sup>Brown University,  
 RI, USA*

**POS1-6**

**IMPLEMENTING EVIDENCE-BASED SMOKING CESSATION  
 TREATMENT IN ADDICTION/MENTAL HEALTHCARE UNITS  
 IN BRAZIL**

*Marta Campos<sup>1</sup>, Nilson Silva<sup>1,2</sup>, <sup>1</sup>ABC Center for Mental Health  
 Studies, Santo André, SP, Brazil, <sup>2</sup>Department of Neurosci-  
 ence, Medical School, Fundação do ABC, Santo André, SP,  
 Brazil*

**POS1-7**

**QUIT INTENTIONS, ATTEMPTS, AND BEHAVIOR OF  
 ADOLESCENT CIGARETTE SMOKERS: RESULTS FROM A  
 NATIONAL TRIAL**

*Julie Gorzkowski\*, Kristen Kaseeska, Regina Whitmore,  
 Donna Harris, Laura Shone, Jonathan Klein, American Acad-  
 emy of Pediatrics, IL, USA*

Poster Session 1 • Thursday, March 3, 2016 • 11:30 a.m.-1:00 p.m.

**POS1-8****THE EFFECTS OF CIGARETTE REDUCTION IN SMOKERS AND E-CIGARETTE USERS WHO ALSO SMOKE CIGARETTES (DUAL USERS)**

*Stevens Smith\*, Douglas Jorenby, Michael Fiore, Timothy Baker, University of Wisconsin School of Medicine and Public Health, WI, USA*

**POS1-9****CYTISINE VERSUS NICOTINE REPLACEMENT TREATMENT EFFECTIVENESS IN REAL LIFE**

*João Castaldelli-Maia, ABC Center for Mental Health Studies, Santo André, SP, Brazil, Department of Neuroscience, Medical School, Fundação do, ABC, Santo André, SP, Brazil, Department of Psychiatry, Medical School, Universidade de São Paulo, São Paulo, SP, Brazil*

**POS1-10****NICOTINE PATCH FOR MARIJUANA WITHDRAWAL: A RANDOMIZED INCENTIVIZED TRIAL**

*David Gilbert\*, Norka Rabinovich, Southern Illinois University-Carbondale, IL, USA*

**POS1-11****EVALUATION OF PHYSICIAN USE OF THE 5 A'S TO ADDRESS PREGNANCY SMOKING: WHAT DO PATIENTS PERCEIVE AND DESIRE?**

*Beth Bailey\*, Torrey Klee<sup>2</sup>, <sup>1</sup>East Tennessee State University, TN, USA, <sup>2</sup>Tusculum College, TN, USA*

**POS1-12****DIFFERENTIAL PREDICTORS OF RELAPSE AS A FUNCTION OF TIME QUIT: DATA FROM THE ITC 4-COUNTRY SURVEY**

*Ron Borland\*, Hua-Hie Yong<sup>1</sup>, Timea Partos<sup>1,3</sup>, Richard O'Connor<sup>2</sup>, Ann McNeill<sup>3</sup>, K Cummings<sup>4</sup>, <sup>1</sup>Cancer Council Victoria, Australia, <sup>2</sup>Roswell Park Cancer Institute, NY, USA, <sup>3</sup>Kings College London, United Kingdom, <sup>4</sup>Medical University of South Carolina, SC, USA*

**POS1-13****MOTIVATING AND PREPARING SMOKERS WHO HAVE SEVERE AND PERSISTENT MENTAL ILLNESS TO QUIT SMOKING**

*Bruce Christiansen\*, Julianne Carbin<sup>2</sup>, Erin TerBeek<sup>1</sup>, Timothy Baker<sup>1</sup>, Michael Fiore<sup>1</sup>, <sup>1</sup>University of Wisconsin School of Medicine and Public Health, WI, USA, <sup>2</sup>National Alliance on Mental Illness - Wisconsin Chapter, WI, USA*

**POS1-14****DISSEMINATION OF AN EVIDENCE BASED TOBACCO TREATMENT CURRICULUM TO PSYCHIATRY RESIDENCY PROGRAMS**

*Smita Das\*, Sebastien Fromont<sup>1</sup>, Karen Hudmon<sup>2</sup>, Alan Louie<sup>3</sup>, Judith Prochaska<sup>3</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Purdue University, IN, USA, <sup>3</sup>Stanford University, CA, USA*

**POS1-15****RACIAL AND ETHNIC DISPARITIES IN DENTAL CARE PROVIDERS' DELIVERY OF TOBACCO USE TREATMENT**

*Mirelis Gonzalez\*, Alena Campo<sup>1</sup>, Danielle Khalife<sup>2</sup>, Sarah Borderud<sup>2</sup>, Jamie Ostroff<sup>2</sup>, Donna Shelley<sup>1</sup>, <sup>1</sup>New York University School of Medicine, NY, USA, <sup>2</sup>Memorial Sloan Kettering Cancer Center, NY, USA*

**POS1-16****CHRONIC PAIN, ECONOMIC STRAIN, AND ATTEMPTS TO QUIT SMOKING AMONG SMOKERS WITH MOBILITY IMPAIRMENTS**

*Brett Armstrong<sup>\*1</sup>, Belinda Borrelli<sup>2</sup>, <sup>1</sup>Boston University School of Public Health, MA, USA, <sup>2</sup>Henry M. Goldman School of Dental Medicine, Boston University, MA, USA*

**POS1-17****DEVELOPMENT AND PSYCHOMETRIC PROPERTIES OF THE SMOKING RESTRAINT QUESTIONNAIRE**

*Grant Blake<sup>1</sup>, Stuart Ferguson<sup>\*1</sup>, Matthew Palmer<sup>1</sup>, Saul Shiffman<sup>2</sup>, <sup>1</sup>University of Tasmania, Australia, <sup>2</sup>University of Pittsburgh, PA, USA*

**POS1-18****PERCEIVED ABILITY TO HANDLE DAY-TO-DAY AND UNEXPECTED STRESS ARE POSITIVELY ASSOCIATED WITH SMOKING ABSTINENCE AT 6-MONTHS**

*Anna Ivanova<sup>\*1</sup>, Laurie Zawertailo<sup>2</sup>, Sabrina Voci<sup>1</sup>, Dolly Baliunas<sup>1</sup>, Peter Selby<sup>2</sup>, <sup>1</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada*

**POS1-19****METHODS FOR ASSESSING DISCRIMINATION OF NICOTINE IN HUMANS VIA CIGARETTE SMOKING**

*Kenneth Perkins, Department of Psychiatry, University of Pittsburgh, Pittsburgh PA*

**POS1-20****LATENT TRANSITION ANALYSIS OF WEEKLY MEDIAN CIGARETTE COUNTS IN THE FIRST MONTH OF QUITTING**

*Danielle McCarthy<sup>\*1</sup>, Lemma Ebssa<sup>1</sup>, Katie Witkiewitz<sup>2</sup>, Saul Shiffman<sup>3</sup>, <sup>1</sup>Rutgers, The State University of New Jersey, NJ, USA, <sup>2</sup>University of New Mexico, NM, USA, <sup>3</sup>University of Pittsburgh, PA, USA*

**POS1-21****ARE TOP-RATED QUIT SMOKING MOBILE APPS USABLE BY PEOPLE WITH SCHIZOPHRENIA?**

*Mary Brunette, Pamela Geiger, Lisa Marsch, Gregory McHugo, Anna Adachi-Mejia, Stephen Bartels, Geisel School of Medicine at Dartmouth College, NH, USA*

**POS1-22****36 MONTH FOLLOW-UP OF A SMOKING AND HEALTH LIFESTYLES INTERVENTION AMONG PEOPLE WITH A PSYCHOTIC DISORDER**

*Amanda Baker<sup>\*1</sup>, Robyn Richmond<sup>2</sup>, Frances Kay-Lambkin<sup>1,2</sup>, Sacha Fila<sup>3</sup>, David Castle<sup>4</sup>, Robin Callister<sup>1</sup>, Jill Williams<sup>5</sup>, Vanessa Clark<sup>1</sup>, Terry Lewin<sup>6</sup>, Kerrin Palazzi<sup>7</sup>, <sup>1</sup>University of Newcastle, Australia, <sup>2</sup>University of NSW, Australia, <sup>3</sup>Monash University, The Alfred Hospital, Australia, <sup>4</sup>University of Melbourne, Australia, <sup>5</sup>St Vincent's Hospital, Australia, <sup>6</sup>UMDNJ-Robert Wood Johnson Medical School, NJ, USA, <sup>7</sup>Hunter New England Mental Health, Australia, <sup>7</sup>Hunter Medical Research Institute, Australia,*

**POS1-23****EFFECT OF CYP2A6, UGT2B10, UGT2B17, FMO3, AND OCT2 GENETIC VARIATION ON NICOTINE AND COTININE DISPOSITION KINETICS AMONG AFRICAN AMERICAN SMOKERS**

*Taraneh Taghavi<sup>\*1</sup>, Gideon St. Helen<sup>2</sup>, Neal Benowitz<sup>2</sup>, Rachel Tyndale<sup>1</sup>, <sup>1</sup>University of Toronto - Toronto, ON, Canada, <sup>2</sup>University of California San Francisco - San Francisco, CA, USA*

**POS1-24****DEVELOPING AN INTERVENTION TO IMPROVE NICOTINE PATCH ADHERENCE IN HIV-POSITIVE LATINO SMOKERS**

*William Shadel<sup>\*1</sup>, Frank Galvan<sup>2</sup>, Diana Naranjo<sup>3</sup>, Christian Lopez<sup>3</sup>, Joan Tucker<sup>3</sup>, <sup>1</sup>RAND Corporation, PA, USA, <sup>2</sup>Bienestar Human Services, CA, USA, <sup>3</sup>RAND Corporation, CA, USA*

**POS1-25****ADVERSE CHILDHOOD EXPERIENCES AS A PREDICTOR OF ADULT NICOTINE DEPENDENCE**

*Nicole Tosun<sup>\*</sup>, Imani Holmes, Greg Grandits, Lynn Eberly, Alicia Allen, Sharon Allen, University of Minnesota, MN, USA*

**POS1-26****CESSATION OF ALCOHOL CONSUMPTION DECREASES RATE OF NICOTINE METABOLISM IN ALCOHOL DEPENDENT SMOKERS**

*Noah Gubner, Ph.D.<sup>\*1</sup>, Ewa Slodczyk<sup>2</sup>, Aleksandra Kozar-Konieczna, M.D.<sup>3</sup>, Jerzy Goniewicz, M.D.<sup>3</sup>, Andrzej Sobczak, Ph.D.<sup>2</sup>, Payton Jacob, III, Ph.D.<sup>1</sup>, Neal Benowitz, M.D.<sup>1</sup>, Maciej Goniewicz, PhD, PharmD<sup>4</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Medical University of Silesia, Poland, <sup>3</sup>Center of Addiction Treatment, Parzymiechy, Poland, <sup>4</sup>Roswell Park Cancer Institute, CA, USA*

**POS1-27****DOES MOUTHPIECE-BASED MEASUREMENT OF ELECTRONIC CIGARETTE USER TOPOGRAPHY INFLUENCE NICOTINE DELIVERY DURING AD LIB USE?**

*Tory Spindle<sup>\*1</sup>, Marzena Hiler<sup>1</sup>, Alison Breland<sup>1</sup>, Thokozeni Lipato<sup>1</sup>, Nareg Karaoghlanian<sup>2</sup>, Alan Shihadeh<sup>2</sup>, Tom Eisenberg<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, VA, USA, <sup>2</sup>American University of Beirut, Lebanon*

**POS1-28****VALIDITY OF THE SELF-REPORT SMOKING STATUS IN OUTPATIENTS ASSISTED IN A SMOKING CESSATION UNIT AT BUENOS AIRES CITY: CROSS-SECTIONAL STUDY**

*Diego Sánchez Gelos, Adriana Angel, Karina Agolino, Smoking Cessation Unit, Hospital de Clínicas, University of Buenos Aires, Argentina*

**POS1-29****SMOKING-RELATED COGNITIONS AND BEHAVIORS BY CANCER PATIENTS: DOES IT MATTER IF THEIR CANCER WAS "SMOKING-RELATED"?**

*Diana Díaz, Moffitt Cancer Center*

**POS1-30****THE EFFECTS OF ALCOHOL-CONTAINING E-CIGARETTES ON YOUNG ADULT SMOKERS**

*Gerald Valentine<sup>\*1,2</sup>, Peter Jatlow<sup>2</sup>, Mercedes Coffman<sup>2</sup>, Haleh Nadim<sup>2</sup>, Ralitza Gueorguieva<sup>2</sup>, Mehmet Sofuoglu<sup>1,2</sup>, <sup>2</sup>Yale University, CT, USA, <sup>1</sup>VA Connecticut Healthcare System, CT, USA*

**POS1-31****ASSOCIATION BETWEEN ELECTRONIC CIGARETTE USE AND 12-MONTH TOBACCO ABSTINENCE AMONG ADULT APPALACHIAN SMOKERS ENROLLED IN A TOBACCO CESSATION TRIAL**

*Elana Curry<sup>\*1</sup>, Julianna Nemeth<sup>1</sup>, Amy Wermert<sup>1</sup>, Nancy Hood<sup>2</sup>, Sara Conroy<sup>1</sup>, Abigail Shoben<sup>1</sup>, Mary Wewers<sup>1</sup>, <sup>1</sup>Ohio State University-Columbus, OH, USA, <sup>2</sup>Community Partners of Ohio, OH, USA*

**POS1-32****SMOKING OUTCOMES FOLLOWING ALCOHOL BRIEF INTERVENTION IN YOUNG ADULT HEAVY DRINKER-SMOKERS: A PILOT STUDY**

*Daniel Fridberg\*, Andrea King, The University of Chicago, IL, USA*

**POS1-33****PERSISTENCE AND AMPLITUDE OF CIGARETTE DEMAND IN RELATION TO QUIT INTENTIONS AND ATTEMPTS**

*Richard O'Connor\*<sup>1</sup>, Sarah Adkison<sup>1</sup>, Vaughan Rees<sup>2</sup>, Dorothy Hatsukami<sup>3</sup>, Warren Bickel<sup>4</sup>, K. Michael Cummings<sup>5</sup>, Bryan Heckman<sup>5</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Harvard School of Public Health, MA, USA, <sup>3</sup>University of Minnesota, MN, USA, <sup>4</sup>Virginia Tech Carilion Research Institute, VA, USA, <sup>5</sup>Medical University of South Carolina, SC, USA*

**POS1-34****A PROSPECTIVE STUDY OF PRENATAL TOBACCO EXPOSURE, SECONDHAND SMOKE EXPOSURE, AND CONDITIONAL WEIGHT-FOR-LENGTH-GAIN OVER THE FIRST 2 YEARS OF LIFE**

*Danielle Molnar\*<sup>1</sup>, Diana Rancourt<sup>2</sup>, Robert Schlauch<sup>2</sup>, Xiaozhong Wen<sup>3</sup>, Nicole Maiorana<sup>4</sup>, Marilyn Huestis<sup>5</sup>, Rina Eiden<sup>4</sup>, <sup>1</sup>Research Institute on Addictions, University at Buffalo, NY, USA, <sup>2</sup>University of South Florida, FL, USA, <sup>3</sup>University at Buffalo, The State University of New York, NY, USA, <sup>4</sup>Research Institute on Addictions, University at Buffalo, The State University of New York, NY, USA, <sup>5</sup>National Institute on Drug Abuse, National Institutes of Health, MD, USA*

**POS1-35****THE ACUTE EFFECTS OF EXERCISE ON AD LIBITUM SMOKING, SMOKING TOPOGRAPHY, AFFECT, AND WITHDRAWAL SYMPTOMS**

*Stefanie De Jesus\*, Erin Murray, Harry Prapavessis, School of Kinesiology, University of Western Ontario, ON, Canada*

**POS1-36****PEDIATRIC-BASED PARENTAL TOBACCO TREATMENT AND REFERRAL CLINICAL DECISION SUPPORT TOOL**

*Brian Jenssen\*<sup>1</sup>, Alexander Fiks<sup>2</sup>, Frank Leone<sup>3</sup>, Tyra Bryant-Stephens<sup>2</sup>, <sup>1</sup>Robert Wood Johnson Foundation Clinical Scholars Program, University of Pennsylvania, Philadelphia, Pennsylvania, PA, USA, <sup>2</sup>Department of Pediatrics, University of Pennsylvania School of Medicine and Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, PA, USA, <sup>3</sup>Pulmonary, Allergy, & Critical Care Division, University of Pennsylvania, Presbyterian Medical Center, Philadelphia, PA, PA, USA*

**POS1-37****HEALTHCARE PROVIDER COUNSELING TO QUIT SMOKING AND DESIRE TO QUIT: THE MEDIATING ROLE OF SMOKING OUTCOME EXPECTANCIES**

*Joan Tucker\*, Brian Stucky, Maria Edelen, William Shadel, RAND Corporation, CA, USA*

**POS1-38****ELECTRONIC NICOTINE DELIVERY DEVICES FOR PERI-OPERATIVE HARM REDUCTION**

*Margaret Nolan\*, David Warner, Mayo Clinic, Rochester, MN, USA*

**POS1-39****ASSOCIATION OF LEISURE TIME EXERCISE AND CIGARETTE CRAVING AND WITHDRAWAL BY SEX AND AGE**

*Katherine Harrison\*, Ann Fieberg, Alicia Allen, Sharon Allen, University of Minnesota, MN, USA*

**POS1-40****EYE-TRACKING AS AN INDEX OF ATTENTIONAL BIAS TO SMOKING AND FOOD CUES IN YOUNG FEMALE SMOKERS**

*John Correa\*, Thomas Brandon, University of South Florida and H. Lee Moffitt Cancer Center, FL, USA*

**POS1-41****SHORT-TERM EFFECTIVENESS OF ONE SMOKING CESSATION UNIT IN BUENOS AIRES CITY SINCE 2014 TO 2013: PROSPECTIVE COHORT STUDY**

*Adriana Angel, Karina Agolino, Diego Sánchez Gelos, Smoking Cessation Unit, Hospital de Clínicas, University of Buenos Aires, Argentina*

**POS1-42****SYNERGISTIC EFFECT OF DYSPHORIA AND ANXIETY SENSITIVITY IN RELATION TO SOCIAL COGNITIVE DETERMINANTS OF SMOKING AMONG TREATMENT-SEEKING SMOKERS**

*Jafar Bakhshaie<sup>1</sup>, Charles Brandt<sup>1</sup>, Kirsten Langdon<sup>2</sup>, Norman Schmidt<sup>3</sup>, Adam Leventhal<sup>4</sup>, Michael Zvolensky<sup>1</sup>, <sup>1</sup>University of Houston, TX, USA, <sup>2</sup>Boston University School of Medicine, MA, USA, <sup>3</sup>Florida State University, FL, USA, <sup>4</sup>University of Southern California, CA, USA*

**POS1-43****UPTAKE OF SMOKING CESSATION STRATEGIES BY SMOKERS WITH A MENTAL ILLNESS**

*John Wiggers<sup>1</sup>, Paula Wye<sup>2</sup>, Richard Clancy<sup>3</sup>, Lyndell Moore<sup>3</sup>, Maree Adams<sup>3</sup>, Maryanne Robinson<sup>3</sup>, Jenny Bowman<sup>\*3</sup>, <sup>1</sup>Hunter Medical Research Institute, Lot 1 Kookaburra Circuit, New Lambton Heights, NSW 2305, Australia, <sup>2</sup>Hunter New England Population Health, Longworth Ave, Wallsend, NSW 2287, Australia, <sup>3</sup>University of Newcastle, University Drive, Callaghan, NSW 2308, Australia*

**POS1-44****SEE ME SMOKE-FREE: AN MHEALTH APP FOR WOMEN TO ADDRESS SMOKING, DIET, AND PHYSICAL ACTIVITY**

*Judith Gordon<sup>\*1</sup>, Julie Armin<sup>1</sup>, James Cunningham<sup>1</sup>, Peter Giacobbi<sup>2</sup>, Melanie Hingle<sup>1</sup>, Thienne Johnson<sup>1</sup>, <sup>1</sup>University of Arizona, AZ, USA, <sup>2</sup>West Virginia University, WV, USA*

**POS1-45****SHAPES AND DETERMINANTS OF TREATMENT VISIT TRAJECTORIES IN A FLEXIBLE SMOKING CESSATION TREATMENT PROGRAM**

*Dolly Baliunas<sup>\*1</sup>, Laurie Zawertailo<sup>2</sup>, Peter Selby<sup>2</sup>, <sup>1</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada*

**POS1-46****CIGARETTE SMOKING IN PREGNANT SUBSTANCE USERS: ASSOCIATION WITH SUBSTANCE USE AND DESIRE TO QUIT**

*Theresa Winhusen\*, Daniel Lewis, University of Cincinnati College of Medicine, OH, USA*

**POS1-47****RELATIONSHIP OF TOBACCO CESSATION PHARMACOTHERAPY OPTIONS AND STANDARDS FOR NURSING PRACTICE**

*Karen Butler<sup>\*1</sup>, Janie Heath<sup>1</sup>, Joel Anderson<sup>2</sup>, Claudia Barone<sup>3</sup>, Jeannette Andrews<sup>4</sup>, <sup>1</sup>University of Kentucky, KY, USA, <sup>2</sup>University of Virginia, VA, USA, <sup>3</sup>University of Arkansas, AR, USA, <sup>4</sup>University of South Carolina, SC, USA*



**POS1-48****PERCEPTIONS OF SNUS AMONG U.S. ADULT SMOKERS GIVEN FREE PRODUCT**

Ellen Meier Meier<sup>\*1</sup>, Matthew Carpenter<sup>2</sup>, Jessica Burris<sup>3</sup>,  
<sup>1</sup>University of Minnesota, MN, USA, <sup>2</sup>Medical University of  
 South Carolina, SC, USA, <sup>3</sup>University of Kentucky, KY, USA

**POS1-49****EFFECTIVENESS OF A LAY-LED TOBACCO CESSATION TRIAL AMONG ADULT APPALACHIAN SMOKERS: DOSE MATTERS**

Mary Wewers<sup>\*1</sup>, Abigail Shoben<sup>1</sup>, Julianna Nemeth<sup>1</sup>, Amy Ferketich<sup>1</sup>, Amy Wermert<sup>1</sup>, Sara Conroy<sup>1</sup>, Elana Curry<sup>1</sup>, Nancy Hood<sup>2</sup>, <sup>1</sup>Ohio State University-Columbus, OH, USA, <sup>2</sup>Community Partners of Ohio, OH, USA

**POS1-50****VALIDITY OF THE CIGARETTE EVALUATION QUESTIONNAIRE IN PREDICTING THE REINFORCING EFFECTS OF CIGARETTES THAT VARY IN NICOTINE YIELD UNDER DOUBLE-BLIND CONDITIONS**

Christopher Arger<sup>\*1</sup>, Sarah Heil<sup>1</sup>, Stacey Sigmon<sup>1</sup>, Jennifer Tidey<sup>2</sup>, Maxine Stitzer<sup>3</sup>, Diann Gaalema<sup>1</sup>, Michael DeSarno<sup>1</sup>, Hanna Durand<sup>1</sup>, Elizabeth Ruggieri<sup>1</sup>, Stephen Higgins<sup>1</sup>,  
<sup>1</sup>University of Vermont, VT, USA, <sup>2</sup>Brown University, RI, USA,  
<sup>3</sup>Johns Hopkins University, MD, USA

**POS1-51****PAIN-RELATED ANXIETY AS A PREDICTOR OF EARLY LAPSE AND RELAPSE TO SMOKING**

Lisa LaRowe<sup>\*1</sup>, Kirsten Langdon<sup>2</sup>, Michael Zvolensky<sup>3</sup>, Emily Zale<sup>1</sup>, Jesse Kosiba<sup>1</sup>, Martin De Vita<sup>1</sup>, Joseph Ditre<sup>1</sup>,  
<sup>1</sup>Syracuse University, NY, USA, <sup>2</sup>National Center for PTSD, Women's Health Sciences Division, VA Boston Healthcare System, and Boston University School of Medicine, MA, USA,  
<sup>3</sup>University of Houston, TX, USA

**POS1-52****ABSTINENCE-INDUCED EFFECTS OF CIGARETTE SMOKING ON EMOTION DYSREGULATION IN SMOKERS WITH AND WITHOUT ADHD**

John Mitchell<sup>\*1</sup>, Rebecca Pratt<sup>1</sup>, Carl Lejuez<sup>2</sup>, F. Joseph McClernon<sup>1</sup>, Jean Beckham<sup>1,3</sup>, Richard Brown<sup>4</sup>, Scott Kollins<sup>1</sup>,  
<sup>1</sup>Duke University Medical Center, NC, USA, <sup>2</sup>University of Maryland, College Park, MD, USA, <sup>4</sup>University of Texas at Austin, NC, USA, <sup>3</sup>Durham Veterans Affairs Medical Center, Mid-Atlantic Mental Illness Research Education and Clinical Center, VA Center for Health Services Research in Primary Care, NC, USA

**POS1-53****E-CIGARETTE EXPECTANCY PROFILES ASSOCIATED WITH HIGHER RISK OF CONTINUED CIGARETTE SMOKING**

Paul Harrell<sup>\*1</sup>, Vani Simmons<sup>2</sup>, John Correa<sup>3</sup>, Nicole Menzie<sup>3</sup>, Lauren Meltzer<sup>3</sup>, Marina Unrod<sup>3</sup>, Thomas Brandon<sup>3</sup>, <sup>1</sup>Eastern Virginia Medical School, VA, USA, <sup>2</sup>Moffitt Cancer Center, VA, USA, <sup>3</sup>Moffitt Cancer Center, FL, USA

**POS1-54****SEX DIFFERENCES IN INTRAVENOUS NICOTINE DOSE SENSITIVITY AND DISCRIMINATION IN CIGARETTE SMOKERS**

Kevin Jensen<sup>\*1,2</sup>, Elise DeVito<sup>1,2</sup>, Gerald Valentine<sup>1,2</sup>, Ralitzia Gueorguieva<sup>1</sup>, Mehmet Sofuoglu<sup>1,2</sup>, <sup>1</sup>Yale University School of Medicine, New Haven, CT, USA, <sup>2</sup>VA Connecticut Healthcare System, West Haven, CT, USA

**POS1-55****PREDICTORS OF RESPONSE TO INTERACTIVE-VOICE-RESPONSE FOLLOW-UP CALLS FOLLOWING HOSPITALIZATION**

*Georges Nahhas<sup>\*1</sup>, Vince Talbot<sup>2</sup>, Graham Warren<sup>1</sup>, K. Michael Cummings<sup>1</sup>, <sup>1</sup>Medical University of South Carolina, SC, USA, <sup>2</sup>TelASK Technologies, ON, Canada*

**POS1-56****ATTENTIONAL BIAS MODIFICATION FOR POSTPARTUM SMOKING**

*Ariadna Forray<sup>\*1</sup>, Dawn Foster<sup>1</sup>, Andrew Waters<sup>2</sup>, <sup>1</sup>Yale School of Medicine, CT, USA, <sup>2</sup>Uniformed Services University of the Health Sciences, MD, USA*

**POS1-57****MULTIPLE HEALTH RISK BEHAVIORS AMONG YOUNG ADULTS PARTICIPATING IN A RANDOMIZED CONTROLLED SMOKING CESSATION TRIAL ON FACEBOOK**

*Johannes Thrul<sup>\*1</sup>, Danielle Ramo<sup>1</sup>, Judith Prochaska<sup>2</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Stanford University, CA, USA*

**POS1-58****HELPING SMOKING FATHERS WITH AN INFANT TO QUIT: THE FAMILY-BASED INTERVENTION IMPACT ON MARITAL SATISFACTION AND PARTNER SUPPORT TO QUIT**

*Man Ping Wang, Sophia Siu Chee Chan, Tai-hing Lam, The University of Hong Kong, Hong Kong*

**POS1-59****REDUCED EXPOSURE TO HARMFUL AND POTENTIALLY HARMFUL CONSTITUENTS AFTER 90 DAYS OF USE OF TOBACCO HEATING SYSTEM 2.2 IN JAPAN: A COMPARISON WITH CONTINUED COMBUSTIBLE CIGARETTE USE OR SMOKING ABSTINENCE**

*Christelle Haziza<sup>\*1</sup>, Nicola Lama<sup>1</sup>, Andrea Donelli<sup>1</sup>, Patrick Picavet<sup>1</sup>, Gizelle Baker<sup>1</sup>, Jacek Ancerewicz<sup>1</sup>, Muriel Benzimra<sup>1</sup>, Michael Franzon<sup>1</sup>, Masahiro Endo<sup>2</sup>, Frank Lüdicke<sup>1</sup>, <sup>1</sup>Philip Morris International R&D, Switzerland, <sup>2</sup>Osaki Hospital Tokyo Heart Center, Japan*

**POS1-60****PROGESTERONE & POSTPARTUM DEPRESSION ON SMOKING RELAPSE**

*Nicole Tosun<sup>\*</sup>, Alicia Allen, Scott Lunos, Sharon Allen, University of Minnesota, MN, USA*

**POS1-61****WHAT DO SMOKERS WANT IN A SMARTPHONE-BASED CESSATION APPLICATION?**

*Jason Oliver<sup>\*</sup>, Lauren Pacek, Matthew Hallyburton, John Mitchell, Bernard Fuemmeler, Francis McClernon, Duke University School of Medicine, NC, USA*

**POS1-62****BARRIERS TO SMOKING CESSATION EFFORTS IN PRIMARY CARE: MENTAL HEALTH PROBLEMS, OTHER SUBSTANCE USE, CHRONIC PAIN, AND DISABILITY**

*Beth Bailey<sup>\*</sup>, Thomas Bishop, Lana McGrady, East Tennessee State University, TN, USA*

**POS1-63****SMOKING BEHAVIOUR AND SENSATIONS DURING THE PRE-QUIT PERIOD OF AN EXERCISE-AIDED SMOKING CESSATION INTERVENTION**

*Stefanie De Jesus<sup>\*</sup>, Harry Prapavessis, School of Kinesiology, University of Western Ontario, ON, Canada*

**POS1-64****THE EFFECT OF SEVERITY OF SELF-REPORTED ANHEDONIA ON SMOKING CESSATION SUCCESS AT 6-MONTHS**

Andra Ragusa<sup>\*1</sup>, Dolly Baliunas<sup>1</sup>, Peter Selby<sup>2</sup>, Laurie Zawertailo<sup>1</sup>, <sup>1</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada

**POS1-66****EXTENDED TREATMENT WITH TRANSDERMAL NICOTINE PATCH DOES NOT APPEAR TO SELECTIVELY BENEFIT SMOKERS WITH LIFETIME PSYCHIATRIC DISORDER**

Allison Carroll<sup>\*1</sup>, Anna Veluz-Wilkins<sup>1</sup>, Sonja Blazekovic<sup>2</sup>, Robert Schnoll<sup>2</sup>, Brian Hitsman<sup>1</sup>, <sup>1</sup>Northwestern University Feinberg School of Medicine, IL, USA, <sup>2</sup>University of Pennsylvania Perelman School of Medicine, PA, USA

**POS1-67****THE ROLE OF SOCIAL ANXIETY IN THE ACCEPTANCE OF INTERNAL SMOKING CUES**

Noreen Watson<sup>\*1</sup>, Jaimee Heffner<sup>1</sup>, Jennifer McClure<sup>2</sup>, Jonathan Bricker<sup>1,3</sup>, <sup>1</sup>Fred Hutchinson Cancer Research Center, WA, USA, <sup>2</sup>Group Health Research Institute, WA, USA, <sup>3</sup>University of Washington, WA, USA

**POS1-68****MENTHOL CIGARETTE SMOKING DOES NOT MODERATE THE EFFECT OF FAST NICOTINE METABOLISM ON SHORT-TERM SMOKING CESSATION DURING NICOTINE REPLACEMENT THERAPY**

Nancy Jao<sup>\*1</sup>, Anna Veluz-Wilkins<sup>1</sup>, Sonja Blazekovic<sup>2</sup>, Allison Carroll<sup>1</sup>, Robert Schnoll<sup>2</sup>, Brian Hitsman<sup>1</sup>, <sup>1</sup>Northwestern University Feinberg School of Medicine, IL, USA, <sup>2</sup>University of Pennsylvania Perelman School of Medicine, PA, USA

**POS1-69****EVIDENCE OF GENDER DIFFERENCES IN HOW BRIEF ALCOHOL SCREENING AND INTERVENTION FOR COLLEGE STUDENTS (BASICS) INFLUENCES SMOKING**

Amy Copeland<sup>\*1</sup>, Magdalena Kulesza<sup>2</sup>, Steven Proctor<sup>3</sup>, MacKenzie Peltier<sup>1</sup>, Aaron Waters<sup>1</sup>, <sup>1</sup>Louisiana State University, LA, USA, <sup>2</sup>RAND Corporation - Los Angeles, CA, USA, <sup>3</sup>Albizu University - Miami Campus, FL, USA

**POS1-70****PHYSICAL AND SOCIAL ENVIRONMENTAL FACTORS AND THEIR ASSOCIATION WITH QUITTING BEHAVIOURS AMONG SMOKERS WITH A MENTAL ILLNESS**

John Wiggers<sup>1</sup>, Paula Wye<sup>2</sup>, Lyndell Moore<sup>3</sup>, Richard Clancy<sup>3</sup>, Luke Wolfenden<sup>2</sup>, Megan Freund<sup>2</sup>, Tara Van Zeist<sup>3</sup>, Emily Stockings<sup>4</sup>, Jenny Bowman<sup>\*3</sup>, <sup>1</sup>Hunter Medical Research Institute, Lot 1 Kookaburra Circuit, New Lambton Heights, NSW 2305, Australia, <sup>2</sup>Hunter New England Population Health, Longworth Ave, Wallsend, NSW 2287, Australia, <sup>3</sup>University of Newcastle, University Drive, Callaghan, NSW 2308, Australia, <sup>4</sup>National Drug and Alcohol Research Centre, University of New South Wales, 22-32 King Street, Randwick, NSW 2031, Australia

**POS1-71****MAINSTREAM SMOKE COMPOSITION OF CIGARILLOS AND LITTLE CIGARS FROM REPLICATED HUMAN SMOKING**

Wallace Pickworth<sup>\*</sup>, Bartosz Koszowski, Zachary Rosenberry, Battelle Public Health Center for Tobacco Research, MD, USA

**POS1-72****DOES USER ELECTRONIC CIGARETTE EXPERIENCE INFLUENCE THE NICOTINE DELIVERY PROFILE OF ELECTRONIC CIGARETTES?**

Marzena Hiler<sup>\*1</sup>, Alison Breland<sup>1</sup>, Tory Spindle<sup>1</sup>, Barbara Kilgallen<sup>1</sup>, Nareg Karaoghlanian<sup>2</sup>, Alan Shihadeh<sup>2</sup>, Thomas Eisenberg<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, Center for the Study of Tobacco Products, VA, USA, <sup>2</sup>American University of Beirut, Lebanon

**POS1-73****VARENICLINE-INDUCED ELEVATION OF DOPAMINE IN SMOKERS: A PRELIMINARY [<sup>11</sup>C]-(+)-PHNO PET STUDY**

Patricia Di Ciano, Mihail Guranda, Dina Lagzdins, Rachel Tyndale, Islam Gamaledin, Peter Selby, Isabelle Boileau, Bernard Le Foll<sup>\*</sup>, Centre for Addiction and Mental Health, ON, Canada

**POS1-74****CHARACTERIZING SMOKING TOPOGRAPHY IN RESPONSE TO SMOKING REDUCED NICOTINE CONTENT RESEARCH CIGARETTES**

Andrew Strasser<sup>\*1</sup>, Jennifer Tidey<sup>2</sup>, Francis McClernon<sup>3</sup>, Neal Benowitz<sup>4</sup>, Dorothy Hatsukami<sup>5</sup>, Eric Donny<sup>6</sup>, <sup>1</sup>University of Pennsylvania, PA, USA, <sup>2</sup>Brown University, RI, USA, <sup>3</sup>Duke University, PA, USA, <sup>4</sup>University of California -- San Francisco, CA, USA, <sup>5</sup>University of Minnesota, MN, USA, <sup>6</sup>University of Pittsburgh, PA, USA

**POS1-75****ELECTRONIC CIGARETTE VAPING TOPOGRAPHY AND NICOTINE INTAKE DURING AD LIBITUM ACCESS**

Kathryn Ross<sup>\*</sup>, Gideon St.Helen, Christopher Havel, Delia Dempsey, Peyton Jacob III, Neal Benowitz, University of California, San Francisco, CA, USA

**POS1-76****HETEROGENEITY IN ACUTE NICOTINE ABSORPTION FROM ELECTRONIC AND TRADITIONAL CIGARETTES**

Jonathan Foulds<sup>\*1</sup>, Jessica Yingst<sup>1</sup>, Susan Veldheer<sup>1</sup>, Shari Hrabovsky<sup>1</sup>, Neil Trushin<sup>1</sup>, Thomas Eissenberg<sup>2</sup>, Jill Williams<sup>3</sup>, John Richie<sup>1</sup>, Stephen Wilson<sup>4</sup>, <sup>1</sup>Penn State University College of Medicine, PA, USA, <sup>2</sup>Virginia Commonwealth University, VA, USA, <sup>3</sup>Rutgers University, NJ, USA, <sup>4</sup>Penn State University, PA, USA

**POS1-77****STRIATAL DOPAMINE D2/D3 RECEPTORS MEDIATE ASSOCIATION OF TOBACCO EXPOSURE WITH NICOTINE DEPENDENCE**

Mark Mandelkern<sup>1</sup>, Edythe London<sup>2</sup>, <sup>1</sup>University California Irvine, CA, USA, <sup>2</sup>University California, Los Angeles, CA, USA

**POS1-78****BEHAVIOURAL INTERVENTIONS AS ADJUNCTS TO PHARMACOTHERAPY FOR SMOKING CESSATION**

Lindsay Stead<sup>\*1</sup>, Priya Koilpillai<sup>2</sup>, Tim Lancaster<sup>1</sup>, <sup>1</sup>Nuffield Department of Primary Care Health Sciences, University of Oxford, Oxford, UK, United Kingdom, <sup>2</sup>Faculty of Medicine, Dalhousie University, Halifax, Canada, NS, Canada

**POS1-79****ASSOCIATION OF WEIGHT CONCERNS WITH MOTIVATION TO QUIT & NICOTINE DEPENDENCY AMONG PREGNANT WOMEN SMOKERS**

Nicole Pothien<sup>\*</sup>, Scott Lunos, Alicia Allen, Sharon Allen, Katherine Harrison, University of Minnesota-Twin Cities, MN, USA

**POS1-80****ADHD, SMOKING WITHDRAWAL AND INHIBITORY CONTROL: RESULTS OF A FMRI STUDY WITH METHYLPHENIDATE CHALLENGE**

*Francis McClernon\*, Scott Kollins, Rachel Kozink, Matt Hal-lyburton, Maggie Sweitzer, Merideth Addicott, Jason Oliver, Duke University School of Medicine, NC, USA*

**POS1-81****CIGARETTE PURCHASE TASK: IDENTIFYING QUIT SUCCESS IN PREGNANT CIGARETTE SMOKERS**

*Ivori Zvorsky\*, Ryan Redner<sup>2</sup>, Allison Kurti<sup>1</sup>, Michael De-Sarno<sup>1</sup>, Stephen Higgins<sup>1</sup>, <sup>1</sup>University of Vermont, VT, USA, <sup>2</sup>Southern Illinois University-Carbondale, IL, USA*

**POS1-82****PRIMARY CARE PHYSICIANS' BELIEFS AND PRACTICES REGARDING E-CIGARETTE USE BY PATIENTS WHO SMOKE: A QUALITATIVE ASSESSMENT**

*Omar El-Shahawy\*, Jennifer Elston Lafata<sup>2</sup>, <sup>1</sup>School of Medicine, New York University, NY, USA, <sup>2</sup>Virginia Commonwealth University - Richmond, VA, USA*

**POS1-83****PREDICTING CIGARETTE USE IN ADOLESCENCE USING MACHINE LEARNING TECHNIQUES ON MULTIMODAL BRAIN AND PSYCHOMETRIC DATA**

*Emily Jollans<sup>1</sup>, Bader Chaarani<sup>2</sup>, Stephen Higgins<sup>2</sup>, Hugh Garavan<sup>2</sup>, Robert Whelan<sup>1</sup>, <sup>1</sup>University College Dublin, Ireland, <sup>2</sup>University of Vermont, VT, USA*

**POS1-84****BIOLOGICAL AND AFFECTIVE MECHANISMS THROUGH WHICH ACUTE EXERCISE ATTENUATES CIGARETTE CRAVINGS**

*Stefanie De Jesus\*, Harry Prapavessis, School of Kinesiology, University of Western Ontario, ON, Canada*

**POS1-85****GET WITH THE PROGRAM: ADHERENCE TO A SMART-PHONE APP FOR SMOKING CESSATION AS A PREDICTOR OF QUITTING**

*Emily Zeng\*, Jaimee Heffner, Wade Copeland, Jonathan Bricker, Fred Hutchinson Cancer Research Center, WA, USA*

**POS1-86****SMOKING CESSATION, COGNITIVE CONTROL, AND REWARD PROCESSING: AN FMRI PILOT STUDY**

*Andrew Fox\*, Delwyn Catley<sup>2</sup>, Vlad Papa<sup>1</sup>, Morgan Brucks<sup>1</sup>, Laura Martin<sup>1</sup>, <sup>1</sup>University of Kansas Medical Center, KS, USA, <sup>2</sup>University of Missouri - Kansas City, MO, USA*

**POS1-87****REAL WORLD USAGE PATTERNS FOR VARENICLINE**

*Lindsey Sangaralingham<sup>1</sup>, Nilay Shah<sup>1</sup>, Scott Leischow<sup>2</sup>, <sup>1</sup>Mayo Clinic, MN, USA, <sup>2</sup>Mayo Clinic, AZ, USA*

**POS1-88****SUBSTANCE USE TREATMENT OUTCOMES IN SPANISH SPEAKING SMOKERS ENROLLED IN A MULTISITE RANDOMIZED TRIAL OF MOTIVATIONAL ENHANCEMENT THERAPY**

*Sarah Childress\*, Marcel de Dios<sup>1</sup>, Miguel Cano<sup>2</sup>, Ellen Vaughan<sup>3</sup>, Raymond Niaura<sup>4</sup>, <sup>1</sup>University of Texas MD Anderson Cancer Center, TX, USA, <sup>2</sup>Florida International University, FL, USA, <sup>3</sup>Indiana University, IN, USA, <sup>4</sup>Schroeder Institute for Tobacco Research and Policy Studies, American Legacy Foundation, John Hopkins Bloomberg School of Public Health, and Georgetown University Medical Center, DC, USA*

**POS1-89****IS THE EFFECT OF ANHEDONIA ON SMOKING CESSATION GREATER FOR WOMEN VERSUS MEN?**

Jessica Powers<sup>\*1</sup>, Allison Carroll<sup>2</sup>, Anna Veluz-Wilkins<sup>2</sup>, Sonja Blazekovic<sup>3</sup>, Robert Schnoll<sup>3</sup>, Brian Hitsman<sup>2</sup>, <sup>1</sup>Massachusetts General Hospital, MA, USA, <sup>2</sup>Northwestern University Feinberg School of Medicine, IL, USA, <sup>3</sup>University of Pennsylvania Perelman School of Medicine, PA, USA

**POS1-90****CYTISINE AS AN EFFECTIVE TREATMENT FOR NICOTINE ADDICTION IN POLAND: 50 YEARS OF EXPERIENCE**

Piotr Tutka<sup>\*1</sup>, Hanna Wahl<sup>2</sup>, Marek Dąbrowa<sup>2</sup>, Jakub Błazej<sup>1</sup>, <sup>1</sup>University of Rzeszow, Rzeszow, Poland, <sup>2</sup>Afloom Farmacja Polska, Pabianice, Poland

**POS1-91****REWARD PROBABILITY AS A MODERATOR BETWEEN ANHEDONIA AND POSITIVE REINFORCEMENT MOTIVES IN TREATMENT-SEEKING SMOKERS**

Allison Borges<sup>\*1</sup>, Elana Hoffman<sup>1</sup>, Aaron Lim<sup>2</sup>, Andrew Ninnemann<sup>1</sup>, Laura MacPherson<sup>1</sup>, <sup>1</sup>University of Maryland, College Park, MD, USA, <sup>2</sup>University of California, Los Angeles, MD, USA

**POS1-92****HEALTH, STIGMA, AND THE BURDEN OF SMOKING: A THEMATIC ANALYSIS OF COLLEGE SMOKERS' VIDEO TESTIMONIALS**

Amanda Palmer<sup>\*1</sup>, John Correa<sup>1</sup>, Bryan Heckman<sup>2</sup>, Thomas Brandon<sup>1</sup>, Vani Simmons<sup>1</sup>, <sup>1</sup>Moffitt Cancer Center and University of South Florida, FL, USA, <sup>2</sup>Medical University of South Carolina, SC, USA

**POS1-93****CORRELATES OF DISTRESS TOLERANCE AMONG HEAVY DRINKING SMOKERS**

Dr. Adam Leventhal<sup>1</sup>, Dr. Lara Ray<sup>2</sup>, <sup>1</sup>University of Southern California, CA, USA, <sup>2</sup>University of California, Los Angeles, CA, USA

**POS1-94****CAN ATTITUDES ABOUT SMOKING IMPACT CIGARETTE CRAVING?**

Lauren Bertin<sup>\*1</sup>, Joel Erblich<sup>1,2</sup>, <sup>1</sup>Hunter College, City University of New York, NY, USA, <sup>2</sup>The Graduate Center, City University of New York, NY, USA

**POS1-95****REDUCED EXPOSURE TO HARMFUL AND POTENTIALLY HARMFUL CONSTITUENTS AFTER 90 DAYS OF USE OF TOBACCO HEATING SYSTEM 2.2 IN THE U.S.: A COMPARISON WITH CONTINUED COMBUSTIBLE CIGARETTE USE OR SMOKING ABSTINENCE**

Christelle Haziza<sup>\*1</sup>, Guillaume de La Bourdonnaye<sup>1</sup>, Patrick Picavet<sup>1</sup>, Gizelle Baker<sup>1</sup>, Dimitra Skiada<sup>1</sup>, Sarah Merlet<sup>1</sup>, Michael Franzon<sup>1</sup>, Frank Framer<sup>2</sup>, William Lewis<sup>3</sup>, Frank Lüdicke<sup>1</sup>, <sup>1</sup>Philip Morris International R&D, Switzerland, <sup>2</sup>Daytona Beach, FL, USA, <sup>3</sup>Covance Dallas Site, TX, USA

**POS1-96****ALLOPREGNANOLONE AND PSYCHIATRIC DISORDERS IN MALE AND FEMALE SMOKERS**

Alicia Allen<sup>\*</sup>, Justin Anker, Samantha Carlson, Lynn Eberly, Sharon Allen, University of Minnesota, MN, USA

**POS1-97****TOXICANT EXPOSURE AND PHYSIOLOGICAL EFFECTS OF DUAL CIGARETTE AND ELECTRONIC CIGARETTE USE**

Megan Scott<sup>\*1</sup>, Makeda Austin<sup>1</sup>, Amanda Graham<sup>2</sup>, Thomas Eissenberg<sup>1</sup>, Thokozeni Lipato<sup>3</sup>, Alison Montpetit<sup>1</sup>, Caroline Cobb<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, VA, USA, <sup>2</sup>Schroeder Institute for Tobacco Research and Policy Studies, Truth Initiative, Georgetown University Medical Center, DC, USA, <sup>3</sup>Virginia Commonwealth University Health System, VA, USA

**POS1-98****HOUSEHOLD SMOKING RULES AMONG PREGNANT AND NEWLY POSTPARTUM SMOKERS RECEIVING TREATMENT**

Diana Keith<sup>\*</sup>, Allison Kurti, Joan Skelly, Stephen Higgins, University of Vermont, VT, USA

**POS1-99****A NOVEL TRAINING APPROACH TO ACTIVATE ALTERNATIVE BEHAVIORS FOR SMOKING AS PART OF A QUIT ATTEMPT**

Laura MacPherson<sup>\*1</sup>, Catalina Kopetz<sup>2</sup>, Avery Mitchell<sup>1</sup>, Alexandra Houston-Ludlam<sup>3</sup>, Reinout Wiers<sup>4</sup>, <sup>1</sup>University of Maryland, College Park, MD, USA, <sup>2</sup>Wayne State University, MI, USA, <sup>3</sup>Washington University in St. Louis, MO, USA, <sup>4</sup>University of Amsterdam, Netherlands

**POS1-100****EFFECTS OF VARENICLINE ON FIXED-DOSE ALCOHOL ADMINISTRATION IN SMOKERS MEETING CRITERIA FOR ALCOHOL USE DISORDERS**

Terril Verplaetse<sup>\*</sup>, Sherry McKee, Yale University School of Medicine, CT, USA

**POS1-101****ASSESSING THE IMPACT OF VAPING ON CURRENT E-CIGARETTE USERS' BLOOD PRESSURE, HEART RATE, AND CARBON MONOXIDE LEVELS IN COMPARISON TO THE IMPACT OF CIGARETTE SMOKING IN CURRENT SMOKERS**

Shavonne Washington-Krauth<sup>\*1</sup>, Tammy Burns<sup>2</sup>, Ryan Walters<sup>1</sup>, Amy Arouni<sup>1</sup>, <sup>1</sup>Creighton University, NE, USA, <sup>2</sup>Mary Lanning Hospital, NE, USA

**POS1-102****NICOTINE AND TOXICANT EXPOSURE AMONG SMOKERS OF LEADING U.S. CIGARETTE BRANDS: NHANES 2007-2012**

Liane Schneller<sup>\*</sup>, Richard O'Connor, Roswell Park Cancer Institute, NY, USA

**POS1-103****INTERACTIVE EFFECTS OF ESTRADIOL OR SEX WITH COMT GENOTYPE ON RESPONSE TO NICOTINE ABSTINENCE AND NICOTINE DELIVERY**

Elise DeVito<sup>\*1</sup>, Aryeh Herman<sup>1,2</sup>, Kevin Jensen<sup>1,2</sup>, Noah Konkus<sup>3</sup>, Joel Gelernter<sup>1,2</sup>, Mehmet Sofuoglu<sup>1,2</sup>, <sup>1</sup>Yale University School of Medicine, CT, USA, <sup>3</sup>Yale University, CT, USA, <sup>2</sup>VA Connecticut Healthcare System, CT, USA

**POS1-104****INVESTIGATING CHANGES IN SMOKING TOPOGRAPHY UPON INITIAL EXPOSURE TO VERY LOW NICOTINE CONTENT CIGARETTES**

Danielle Davis<sup>\*1</sup>, Sarah Heil<sup>1</sup>, Stacey Sigmon<sup>1</sup>, Jennifer Tidey<sup>2</sup>, Maxine Stitzer<sup>3</sup>, Diann Gaalema<sup>1</sup>, Mike Desarno<sup>1</sup>, Hanna Durand<sup>1</sup>, Morgan Tromblee<sup>1</sup>, Stephen Higgins<sup>1</sup>, <sup>1</sup>University of Vermont, VT, USA, <sup>2</sup>Brown University, RI, USA, <sup>3</sup>John Hopkins University, MD, USA

**POS1-105****DIFFERENTIAL OUTCOME OF TOBACCO-DEPENDENCE TREATMENT FOR SMOKERS WITH AND WITHOUT A HISTORY OF SUBSTANCE USE DISORDERS**

Jie Feng<sup>\*1</sup>, Jami Pittman<sup>1</sup>, Christine Sheffer<sup>1</sup>, Luana Panissidi<sup>1</sup>, Warren Bickel<sup>2</sup>, Christopher Franck<sup>2</sup>, <sup>1</sup>Sophie Davis School of Biomedical Education, City College of New York, New York, USA, NY, USA, <sup>2</sup>Center for Addiction Research, Virginia Tech Carilion Research Institute, Virginia, USA, VA, USA

**POS1-106****DOES TRACKING DAILY CIGARETTE CONSUMPTION BY AN INTEGRATED VOICE RESPONSE SYSTEM (IVRS) ALTER SMOKING BEHAVIOR? CHANGES IN BIOMARKERS OF EXPOSURE AND NUMBER OF CIGARETTES SMOKED PER DAY IN ADULT SMOKERS OVER 8 DAYS**

Jeff Edmiston<sup>\*</sup>, Qiwei Liang, Jianmin Liu, Cheryl Duhon, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

**POS1-107****THE IMPACT OF CIGARETTE NICOTINE CONTENT ON NEUROCOGNITIVE OUTCOMES: RESULTS OF A 6-WEEK, RANDOMIZED TRIAL**

Colin Cunningham<sup>\*1</sup>, Ryan Vandrey<sup>1</sup>, Lauren Pacek<sup>2</sup>, F. Joseph McClernon<sup>2</sup>, David Drobos<sup>3</sup>, Rachel Denlinger<sup>4</sup>, Joe Koopmeiners<sup>5</sup>, Eric Donny<sup>6</sup>, <sup>1</sup>Johns Hopkins University, MD, USA, <sup>2</sup>Duke University, NC, USA, <sup>3</sup>University of South Florida, FL, USA, <sup>4</sup>Brown University, RI, USA, <sup>5</sup>University of Minnesota, MN, USA, <sup>6</sup>University of Pittsburgh, PA, USA

**POS1-108****LONGITUDINAL EXAMINATION OF THE ASSOCIATION BETWEEN INTERNALIZING SYMPTOMATOLOGY AND DELINQUENT BEHAVIORS IN ADOLESCENT TOBACCO USE**

Rubin Khoddam<sup>\*</sup>, Nicholas Jackson, Adam Leventhal, University of Southern California, CA, USA

**POS1-109****LENGTH OF RECOVERY FROM SUBSTANCE USE DISORDERS AND TOBACCO DEPENDENCE TREATMENT OUTCOMES**

Jami Pittman<sup>\*1</sup>, Christine Sheffer<sup>1</sup>, Luana Panissidi<sup>1</sup>, Jie Feng<sup>1</sup>, Warren Bickel<sup>2</sup>, Christopher Franck<sup>2</sup>, <sup>1</sup>Sophie Davis School of Biomedical Education, City College of New York, New York, USA, NY, USA, <sup>2</sup>Center for Addiction Research, Virginia Tech Carilion Research Institute, Virginia, USA, VA, USA

**POS1-110****ATTITUDES AND BELIEFS ABOUT ELECTRONIC CIGARETTES AMONG SMOKERS LIVING WITH HIV AND THEIR HEALTHCARE PROVIDERS**

Maggie Sweitzer<sup>\*</sup>, Christina Meade, Andrea Hobkirk, Lauren Pacek, F McClernon, Duke University Medical Center, NC, USA

**POS1-111****THE ANATOMY OF RISK BETWEEN SMOKERS AND NON-SMOKERS: NICOTINE PRODUCT RISK PERCEPTIONS**

Lara Moody<sup>\*1</sup>, Nicole Seymour<sup>1</sup>, Celia Eddy<sup>2</sup>, Warren Bickel<sup>1</sup>, <sup>1</sup>Virginia Tech Carilion Research Institute, VA, USA, <sup>2</sup>Virginia Tech, VA, USA



**POS1-112****MECHANISTIC EVALUATION OF THE IMPACT OF SMOKING AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE ON BIOLOGICAL PROCESSES IN THE NASAL EPITHELIUM**

*Marja Talikka\*, Florian Martin, Alain Sewer, Gregory Vuillaume, Patrice Leroy, Manuel Peitsch, Julia Hoeng, Philip Morris International R&D, Switzerland*

**POS1-113****OFFERING CONSUMERS CHOICES: PATTERNS OF SERVICE SELECTION IN A MULTI-SERVICE CESSATION PROGRAM**

*Barbara Schillo\*, Paula Keller<sup>1</sup>, Rebecca Lien<sup>2</sup>, Randi Lachter<sup>1</sup>, Amy Kerr<sup>2</sup>, Emily Subialka Nowariak<sup>2</sup>, <sup>1</sup>ClearWay Minnesota, MN, USA, <sup>2</sup>Professional Data Analysts, Inc., MN, USA*

**POS1-114****EVALUATION OF TWO APPROACHES CONNECTING UNDERSERVED TEENS TO TOBACCO PREVENTION AND CESSATION PROGRAM**

*Karen Calabro\*, Irene Tami-Maury, Salma Marani, Lauren McCoy, Thuan Le, Debbie Torres, Alexander Prokhorov\*, MD Anderson Cancer Center, TX, USA*

**POS1-115****DEPRESSIVE SYMPTOMS MODERATE THE ASSOCIATION BETWEEN TOBACCO USE AND MEDICATION ADHERENCE AMONG HIV-POSITIVE MEN WHO HAVE SEX WITH MEN**

*Luke Mitzel, Jesse Kosiba\*, Peter Vanable, Syracuse University, NY, USA*

**POS1-116****WEEKLY ENERGY DRINK USE IS POSITIVELY ASSOCIATED WITH CIGARETTE SMOKING IN A NATIONWIDE SAMPLE OF YOUNG ADULTS**

*Steven Meredith\*, Mary Sweeney<sup>2</sup>, Patrick Johnson<sup>3</sup>, Matthew Johnson<sup>2</sup>, Roland Griffiths<sup>2</sup>, <sup>1</sup>University of Connecticut School of Medicine, CT, USA, <sup>2</sup>Johns Hopkins University School of Medicine, MD, USA, <sup>3</sup>California State University, Chico, CA, USA*

**POS1-117****CHARACTERIZING E-CIGARETTE AND OTHER ALTERNATIVE TOBACCO PRODUCT USE AMONG SMOKERS WITH ANXIETY AND CONTROLS**

*Mollie Miller\*, Jennifer Tidey<sup>1</sup>, Stephen Higgins<sup>2</sup>, <sup>1</sup>Brown University, RI, USA, <sup>2</sup>University of Vermont, VT, USA*

**POS1-118****A CURRICULAR ASSESSMENT OF TOBACCO DEPENDENCE EDUCATION IN ORAL HEALTH PROFESSIONAL EDUCATION**

*Joan Davis, PhD, RDH\*, Marjorie Arnett, MS<sup>2</sup>, Laura Romito, DDS<sup>3</sup>, Jill Loewen, RDA, BS, MS<sup>4</sup>, Sara Gordon, DDS, MS, FRCD<sup>5</sup>, <sup>1</sup>Southern Illinois University, IL, USA, <sup>2</sup>Loma Linda University School of Dentistry, CA, USA, <sup>3</sup>Indiana University School of Dentistry, IN, USA, <sup>4</sup>University of Detroit Mercy School of Dentistry, MI, USA, <sup>5</sup>School of Dentistry, University of Washington, WA, USA*

**POS1-119****EXERCISE AND CRAVING DURING PREGNANCY: DOES MORE MAKE A DIFFERENCE?**

*Brittany Niesen, BA, Katherine Harrison, MPH, Scott Lunos, MS, Sharon Allen, MD, PhD\*, University of Minnesota, Twin Cities*

**POS1-120****SMOKING CESSATION IN PATIENTS WITH A PRIOR OR CURRENT PSYCHIATRIC DISORDER: A DOUBLE-BLIND COMPARATIVE ANALYSIS OF THE NEUROPSYCHIATRIC SAFETY AND EFFICACY OF VARENICLINE, BUPROPION, NICOTINE REPLACEMENT THERAPY [NRT], AND PLACEBO**

Nader Oskooilar<sup>1</sup>, Judy Morrissey<sup>2</sup>, Don De Francisco<sup>3</sup>, Kimberly Guevarra<sup>3</sup>, Daniel Grosz<sup>2</sup>, Melissa Henry<sup>1</sup>, Jeffrey Litzinger<sup>1</sup>, My-Linh Tong<sup>3</sup>, <sup>1</sup>Pharmacology Research Institute, Los Alamitos, CA, USA, <sup>2</sup>Pharmacology Research Institute, Encino, CA, USA, <sup>3</sup>Pharmacology Research Institute, Newport Beach, CA, USA

**POS1-121****SUBJECTIVE EFFECTS OF DUAL USE OF CIGARETTES AND E-CIGARETTES AMONG CURRENT DUAL USERS**

Makeda Austin<sup>\*1</sup>, Megan Scott<sup>1</sup>, Amanda Graham<sup>2</sup>, Thomas Eissenberg<sup>1</sup>, Thokozeni Lipato<sup>3</sup>, Alison Montpetit<sup>1</sup>, Caroline Cobb<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, VA, USA, <sup>2</sup>Schroeder Institute for Tobacco Research and Policy Studies, Truth Initiative, Georgetown University Medical Center, DC, USA, <sup>3</sup>Virginia Commonwealth University Health System, VA, USA

**POS1-122****DIFFERENCES IN SMOKING CUE REACTIVITY FOLLOWING TREATMENT WITH PERSONALIZED DOSES OF NICOTINE PATCHES VERSUS STANDARD NICOTINE REPLACEMENT THERAPY**

Temtiope Olanbiwonnu<sup>\*1</sup>, Paul Wannas<sup>1</sup>, Doris Payer<sup>2</sup>, Peter Selby<sup>3</sup>, Laurie Zawertailo<sup>3</sup>, <sup>1</sup>University of Toronto, Centre for Addiction and Mental Health, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>3</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada

**POS1-123****VALIDATING THE MEASUREMENT MODEL FOR A SMOKING CESSATION TEACHABLE MOMENT IN THE SURGICAL SETTING**

Ryan Seltzer<sup>\*1</sup>, Terrance Trentman<sup>2</sup>, Susan Hagstrom<sup>2</sup>, Darrell Schroeder<sup>2</sup>, David Warner<sup>2</sup>, <sup>1</sup>Mayo Clinic, AZ, USA, <sup>2</sup>Mayo Clinic, MN, USA

**POS1-124****ELDERLY PROFILE WITH MULTIPLE CHRONIC CONDITIONS TREATED IN THE INTERVENTION GROUP FOR SMOKING CESSATION**

Eliane Banhato<sup>\*1</sup>, Arise Galil<sup>2</sup>, Bárbara Any Andrade<sup>2</sup>, Kelly Fabiane Miranda<sup>2</sup>, Marilda Aparecida Ferreira<sup>2</sup>, Roberta Valente<sup>2</sup>, Marinéia Cruz<sup>1</sup>, Marcus Bastos<sup>1</sup>, <sup>1</sup>IMEPEN Foundation - Federal University of Juiz de Fora / Juiz de Fora - Brazil, Brazil, <sup>2</sup>Presenting Author, Brazil

**POS1-125****PILOT STUDY OF CIGARETTE SMOKERS USING A NEW ORAL TOBACCO PROTOTYPE (VBM-FG2)**

Jeff Edmiston<sup>\*</sup>, Qiwei Liang, Jianmin Liu, Cheryl Duhon, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

**POS1-126****A CASE FOR AN FDA COMPLIANT ENZYMATIC METHOD FOR CREATININE TO SUPPORT TOBACCO RESEARCH**

Rafiqul Islam, Celerion Inc.

**POS1-127****POSTPARTUM DEPRESSION AND SMOKING ABSTINENCE SELF-EFFICACY**

Rachel Lee<sup>1</sup>, Nicole Tosun<sup>\*2</sup>, Scott Lunos<sup>3</sup>, Alicia Allen<sup>2</sup>, Sharon Allen<sup>2</sup>, <sup>1</sup>University of Minnesota Medical School, MN,



USA, <sup>2</sup>Tobacco Research Programs, University of Minnesota, MN, USA, <sup>3</sup>University of Minnesota, Clinical and Translational Science Institute, MN, USA

**POS1-128****SENSATION SEEKING AND REBELLIOUSNESS ASSOCIATED WITH E-CIGARETTE USE AMONG COLLEGE STUDENTS**

Alexa Mileva<sup>1,2</sup>, Vani Simmons<sup>1</sup>, Thomas Brandon<sup>1</sup>, David Drobos<sup>1</sup>, <sup>1</sup>Moffitt Cancer Center, FL, USA, <sup>2</sup>The University of South Florida, FL, USA

**POS1-129****ATTRITION DURING STEPDOWN AND NON-STEPDOWN USE OF REDUCED NICOTINE CIGARETTES: AN APPROACH TO DETERMINING PRODUCT ACCEPTANCE**

Melissa Mercincavage\*, Valentina Souproutchouk, Kathy Tang, Andrew Strasser, University of Pennsylvania, PA, USA

**POS1-130****UNDERSTANDING FOR WHOM TREATMENTS WORK: MODERATOR RESULTS FROM A FACTORIAL EXPERIMENT**

Megan Piper\*, Tanya Schlam<sup>1</sup>, Jessica Cook<sup>1</sup>, Stevens Smith<sup>1</sup>, Daniel Bolt<sup>1</sup>, Robin Mermelstein<sup>2</sup>, Linda Collins<sup>3</sup>, Michael Fiore<sup>1</sup>, Timothy Baker<sup>1</sup>, <sup>1</sup>University of Wisconsin - Madison, WI, USA, <sup>2</sup>University of Illinois - Chicago, IL, USA, <sup>3</sup>Pennsylvania State University, PA, USA

**POS1-131****CONSISTENT PATTERNS OF DAILY SMOKING BEHAVIOR IN THE FIRST MONTH OF QUITTING EMERGE IN FOUR SMOKING CESSATION TRIALS**

Lemma Ebssa<sup>1</sup>, Danielle McCarthy\*, Katie Witkiewitz<sup>2</sup>, Saul Shiffman<sup>3</sup>, <sup>1</sup>Rutgers, The State University of New Jersey, NJ, USA, <sup>2</sup>University of New Mexico, NM, USA, <sup>3</sup>University of Pittsburgh, PA, USA

**POS1-132****NON-DAILY AND DAILY SMOKERS' HEDONIC RESPONSES TO SMOKING**

Saul Shiffman\*, Lauren Terhorst, University of Pittsburgh, PA, USA

**POS1-133****PERFORMANCE AND UTILITY OF WHOLE BLOOD AND ORAL FLUID POINT-OF-CARE COTININE TESTING WHEN COMPARED TO LC/MS-MS**

Lee Springer, PhD\*, Christopher Dailey, PhD, Kristin Westfield, MBA, Keith Moskowitz, PhD, James Anderson, Jr. MD, FFPM, FACE, PTS Diagnostics, IN, USA

**POS1-134****IS A QUIT ATTEMPT IN THE PAST 12-MONTHS A NECESSARY COMPONENT OF THE PREPARATION STAGE OF CHANGE?**

Laurie Zawertailo\*, Anna Ivanova<sup>2</sup>, Sarwar Hussain<sup>2</sup>, Peter Selby<sup>1</sup>, <sup>1</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, ON, Canada

**POS1-135****CONSTRUCTING AND EVALUATING A UNIVERSAL E-CIGARETTE VAPING BEHAVIOR RECORDER (VBR) PROTOTYPE**

Bartosz Koszowski\*, Wallace Pickworth<sup>1</sup>, Donald McGonigle<sup>2</sup>, Vladimir Mikheev<sup>1</sup>, Marielle Brinkman<sup>1</sup>, Alieu Kanu<sup>1</sup>, Jennifer Tobe<sup>3</sup>, Raymond Zaborski<sup>3</sup>, Meridith Thanner<sup>1</sup>, Carson Smith<sup>4</sup>, <sup>1</sup>Battelle Memorial Institute, Battelle Public Health Center for Tobacco Research, MD, USA, <sup>2</sup>Battelle Memorial Institute, Advanced Analytics & Health Research, MD, USA, <sup>3</sup>Battelle



Memorial Institute, Medical Product Development., OH, USA,  
\*Battelle Memorial Institute, Survey Research, MD, USA

**POS1-136****REACTIVITY TO SIMULATED SOCIAL REJECTION PREDICTS URGE TO SMOKE DURING ABSTINENCE IN A LABORATORY SETTING**

Matthew Kirkpatrick\*, Claudia Aguirre, Jimi Huh, Adam Leventhal, University of Southern California, CA, USA

**POS1-137****SUBJECTIVE EFFECTS OF SMOKING AMONG OPIOID-MAINTAINED INDIVIDUALS: RESULTS FROM A PILOT STUDY EXAMINING REDUCED NICOTINE CONTENT CIGARETTES**

Joanna Streck\*, Stacey Sigmon<sup>1</sup>, Sarah Heil<sup>1</sup>, Maxine Stitzer<sup>2</sup>, Jennifer Tidey<sup>3</sup>, Diann Gaalema<sup>1</sup>, Michael DeSarno<sup>1</sup>, Katherine Balas<sup>1</sup>, Hanna Durand<sup>1</sup>, Stephen Higgins<sup>1</sup>, <sup>1</sup>University of Vermont, VT, USA, <sup>2</sup>Johns Hopkins University, MD, USA, <sup>3</sup>Brown University, RI, USA

**POS1-138****PSYCHOLOGICAL WELL-BEING AND SMOKING DEPENDENCE: CROSS-SECTIONAL CORRELATIONS**

Christopher Thorne\*, Peter Hendricks, University of Alabama-Birmingham, AL, USA

**POS1-139****PUFF TOPOGRAPHY AND CARBON MONOXIDE EXPOSURE COMPARISONS IN CIGARETTE AND LITTLE CIGAR SMOKING**

Chad Reissig<sup>1</sup>, Wallace Pickworth<sup>2</sup>, Jennifer Potts<sup>2</sup>, Lauren Viray<sup>2</sup>, Zachary Rosenberry<sup>2</sup>, <sup>1</sup>Food and Drug Administration, MD, USA, <sup>2</sup>Battelle, MD, USA

**POS1-140****IT'S NOT JUST FORGETTING: ASSESSING HISTORY OF MEDICATION ADHERENCE TO TAILOR STRATEGIES TO PROMOTE ADHERENCE**

Stephanie O'Malley\*, Lisa Fucito<sup>1</sup>, Allen Zweben<sup>2</sup>, <sup>1</sup>Yale School of Medicine, CT, USA, <sup>2</sup>Columbia University School of Social Work, NY, USA

**POS1-141****GUIDED SMOKING CESSATION TREATMENT PLAN USING EXHALED CARBON MONOXIDE LEVELS AT ONE WEEK POST TARGET QUIT DAY**

Shari Hrabovsky\*, Jennifer Maccani, Susan Veldheer, Jessica Yingst, Erin Hammett, Jonathan Foulds, Penn State College of Medicine - Hershey, Pennsylvania, PA, USA

**POS1-142****MALLEABILITY OF DISTRESS INTOLERANCE DURING SMOKING CESSATION TREATMENT**

Samantha Farris\*, Teresa Leyro<sup>2</sup>, Camilla Øverup<sup>3</sup>, Norman Schmidt<sup>4</sup>, Michael Zvolensky<sup>5</sup>, <sup>1</sup>Alpert Medical School of Brown University and University of Houston, RI, USA, <sup>2</sup>Rutgers, The State University of New Jersey, NJ, USA, <sup>3</sup>Fairleigh Dickinson University, NJ, USA, <sup>4</sup>Florida State University, FL, USA, <sup>5</sup>University of Houston and The University of Texas MD Anderson Cancer Center, TX, USA

**POS1-143****DESIGN AND IMPLEMENTATION OF DECISION SUPPORT FOR TOBACCO DEPENDENCE TREATMENT IN AN INPATIENT ELECTRONIC MEDICAL RECORD**

Steven Bernstein\*, June Rosner<sup>2</sup>, Michelle DeWitt<sup>3</sup>, Jeanette Tetrault<sup>2</sup>, Allen Hsiao<sup>4</sup>, James Dziura<sup>5</sup>, Scott Sussman<sup>3</sup>, Patrick O'Connor<sup>2</sup>, Benjamin Toll<sup>6</sup>, <sup>1</sup>Yale School of Medicine, Yale Cancer Center, CT, USA, <sup>2</sup>Yale School of Medicine, CT,



USA, <sup>3</sup>Yale-New Haven Hospital, CT, USA, <sup>4</sup>Yale School of Medicine, Yale-New Haven Hospital, CT, USA, <sup>5</sup>Yale School of Medicine, Yale School of Public Health, CT, USA, <sup>6</sup>Medical University of South Carolina, SC, USA

#### POS1-144

##### **BEHAVIORAL ECONOMIC SUBSTITUTION BETWEEN CIGARETTES AND E-CIGARETTES ASSOCIATED WITH FREQUENCY OF USE**

Sarah Snider<sup>\*1</sup>, Mikhail Koffarnus<sup>1</sup>, K. Michael Cummings<sup>2</sup>, Warren Bickel<sup>1</sup>, <sup>1</sup>Virginia Tech Carilion Research Institute, VA, USA, <sup>2</sup>Medical University of South Carolina, SC, USA

#### POS1-145

##### **SMOKING AS A CHRONIC HEALTH CONDITION: A RCT COMPARING FOUR EXTENDED SMOKING TREATMENT INTERVENTIONS IN A DEMOGRAPHICALLY DIVERSE SAMPLE**

Gary Humfleet<sup>\*1</sup>, Ricardo Munoz<sup>2</sup>, Pamela Ling<sup>1</sup>, Victor Reus<sup>1</sup>, Eliseo Perez-Stable<sup>1</sup>, Sharon Hall<sup>1</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Palo Alto University, CA, USA

#### POS1-146

##### **THRESHOLD DOSE FOR DISCRIMINATION OF CIGARETTE NICOTINE CONTENT**

Kenneth Perkins, Department of Psychiatry, University of Pittsburgh, Pittsburgh PA

#### POS1-147

##### **GENDER DIFFERENCES IN ALLOPREGNANOLONE AND SMOKING SEVERITY**

Alicia Allen<sup>\*</sup>, Justin Anker, Samantha Carlson, Lynn Eberly, Sharon Allen, University of Minnesota, MN, USA

#### POS1-148

##### **SMOKE EXPOSURE FROM SPECTRUM RESEARCH CIGARETTES WITH VARYING NICOTINE CONTENT**

Yantao Zuo, Aisha Golub, James Davis, Erin O'Reilly, Jed Rose, Alexey Mukhin<sup>\*</sup>, Duke University Medical Center, NC, USA

#### POS1-149

##### **UNDERSTANDING HOW CESSATION TREATMENTS WORK: EFFECTS ON PUTATIVE MECHANISMS IN A FACTORIAL EXPERIMENT**

Megan Piper<sup>\*1</sup>, Jessica Cook<sup>1</sup>, Tanya Schlam<sup>1</sup>, Stevens Smith<sup>1</sup>, Daniel Bolt<sup>1</sup>, Linda Collins<sup>2</sup>, Robin Mermelstein<sup>3</sup>, Michael Fiore<sup>1</sup>, Timothy Baker<sup>1</sup>, <sup>1</sup>University of Wisconsin - Madison, WI, USA, <sup>2</sup>Pennsylvania State University, PA, USA, <sup>3</sup>University of Illinois - Chicago, IL, USA

#### POS1-150

##### **EFFICACY OF EMERGENCY DEPARTMENT-INITIATED TOBACCO CONTROL – UPDATE OF A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**

Christina Lemhoefer<sup>1</sup>, Gwen Rabe<sup>2</sup>, Juergen Wellmann<sup>3</sup>, Steven Bernstein<sup>4</sup>, Ka Cheung<sup>5</sup>, Claudia Spies<sup>1</sup>, Bruno Neuner<sup>\*1</sup>, <sup>1</sup>Charité-Universitätsmedizin Berlin, Germany, <sup>2</sup>Krankenhaus der Augustinerinnen, Cologne, Germany, <sup>3</sup>University of Münster, Münster, Germany, <sup>4</sup>Yale University School of Medicine, New Haven, CT, USA, <sup>5</sup>University of British Columbia, Vancouver, BC, Canada

**POS1-151****NON-NICOTINE ELECTRONIC CIGARETTES REDUCE CUE- AND WITHDRAWAL-INDUCED CRAVING IN DAILY DEPENDENT SMOKERS**

Ginnie Ng<sup>\*1</sup>, Peter Selby<sup>2</sup>, Laurie Zawertailo<sup>2</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, University of Toronto, ON, Canada

**POS1-152****USER EXPERIENCE EVALUATION OF A SMOKING CESSATION APP IN PEOPLE WITH SERIOUS MENTAL ILLNESS**

Javier Rizo<sup>\*</sup>, Emily Zeng, Julie Kientz, Richard Ries, Roger Vilardaga, University of Washington - Seattle, WA, USA

**POS1-153****DEVELOPMENT AND INITIAL VALIDATION OF THE CESSATION FATIGUE SCALE**

Bryan Heckman<sup>1</sup>, Ellen Meier<sup>2</sup>, Matthew Carpenter<sup>1</sup>, <sup>1</sup>Medical University of South Carolina, SC, USA, <sup>2</sup>University of Minnesota, MN, USA

**POS1-154****NICOTINE WITHDRAWAL ALTERS NEURAL RESPONSES TO PSYCHOSOCIAL STRESS**

Rebecca Ashare<sup>\*1</sup>, Caryn Lerman<sup>1</sup>, Wen Cao<sup>1</sup>, Mary Falcone<sup>1</sup>, Leah Bernardo<sup>1</sup>, Kosha Ruparel<sup>1</sup>, Ryan Hopson<sup>1</sup>, Ruben Gur<sup>1</sup>, Jens Pruessner<sup>2</sup>, James Loughhead<sup>1</sup>, <sup>1</sup>University of Pennsylvania Perelman School of Medicine, PA, USA, <sup>2</sup>McGill University, PA, USA

**POS1-155****SMOKING CESSATION INTERVENTIONS FOR LOW-DOSE CT LUNG CANCER SCREENING PATIENTS: A SYSTEMATIC REVIEW**

Barbara Pineiro<sup>\*1</sup>, Vani Simmons<sup>2</sup>, Amanda Palmer<sup>2</sup>, John Correa<sup>2</sup>, Thomas Brandon<sup>2</sup>, <sup>1</sup>Moffitt Cancer Center and University of Santiago de Compostela, FL, USA, <sup>2</sup>Moffitt Cancer Center and University of South Florida, FL, USA

**POS1-156****PREVALENCE OF KNOWN RISK-FACTORS FOR POOR TREATMENT OUTCOMES AMONG TREATMENT SEEKING LGBT SMOKERS**

Alicia Matthews<sup>\*1</sup>, Natalie Ross<sup>2</sup>, Raymond Ruiz<sup>2</sup>, Frances Aranda<sup>2</sup>, Andrea King<sup>3</sup>, <sup>1</sup>University of Illinois at Chicago, IL, USA, <sup>2</sup>Howard Brown Health Center, IL, USA, <sup>3</sup>University of Chicago, IL, USA

**POS1-157****EXTENDED SMOKING CESSATION TREATMENT PLUS HOME VISITS FOR SMOKERS WITH SCHIZOPHRENIA**

Arthur Brody<sup>\*1,2</sup>, Todd Zorick<sup>2</sup>, Robert Hubert<sup>2</sup>, Shabnam Balal<sup>2</sup>, Paul Abraham<sup>2</sup>, Paulina Young<sup>2</sup>, Charles McCreary<sup>2</sup>, <sup>1</sup>University of California at Los Angeles, <sup>2</sup>VA Greater Los Angeles Healthcare System, CA, USA

**POS1-158****PARENTAL RESTRICTION OF MATURE-RATED MEDIA AND ITS ASSOCIATION WITH TOBACCO USE IN ARGENTINA**

Raul Mejia<sup>\*1</sup>, Adriana Perez<sup>1</sup>, Lorena Peña<sup>1</sup>, Paola Morello<sup>1</sup>, Christy Kollath-Cattano<sup>2</sup>, Sandra Braun<sup>1</sup>, Inti Barrientos Gutierrez<sup>3</sup>, James Hardin<sup>2</sup>, James Thrasher<sup>2</sup>, James Sargent<sup>4</sup>, <sup>1</sup>Centro de Estudios de Estado y Sociedad (CEDES), Argentina, <sup>2</sup>University of South Carolina, SC, USA, <sup>3</sup>National Institute of Public Health, Cuernavaca, Mexico, Mexico, <sup>4</sup>Geisel School of Medicine at Dartmouth, NH, USA

**POS1-159****THE TEMPORAL WINDOW OF VALUATION SPANNING THE FUTURE AND PAST IS CONSTRICTED AMONG ADOLESCENT SMOKERS**

*Amanda Quisenberry\*, Alexander Bianco, Warren Bickel, Virginia Tech Carilion Research Institute, VA, USA*

**POS1-160****UNDERSTANDING SMOKER RECRUITMENT AND RETENTION IN THE UK PHARMACY STOP SMOKING PROGRAMME: QUALITATIVE ANALYSIS OF ADVISOR INTERVIEWS**

*Ratna Sohanpal\*, Carol Rivas<sup>2</sup>, Liz Steed<sup>1</sup>, Virginia MacNeill<sup>3</sup>, Valerie Kuan<sup>1</sup>, Elizabeth Edwards<sup>1</sup>, Robert Walton<sup>1</sup>, <sup>1</sup>Queen Mary University of London, United Kingdom, <sup>2</sup>Southampton University, United Kingdom, <sup>3</sup>Oxford University, United Kingdom*

**POS1-161****INFORMATION EXPOSURE ABOUT E-CIGARETTES PREDICTS REDUCED HARM PERCEPTIONS AND E-CIGARETTE USE AMONG ADULT SMOKERS IN THE U.S.**

*Kelly Blake\*, Lila Rutten<sup>2</sup>, Rachel Grana<sup>1</sup>, Annette Kaufman<sup>1</sup>, Amenah Agunwamba<sup>2</sup>, Patrick Wilson<sup>2</sup>, Scott Leischow<sup>3</sup>, <sup>1</sup>National Cancer Institute, MD, USA, <sup>2</sup>Mayo Clinic, MN, USA, <sup>3</sup>Mayo Clinic, AZ, USA*

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**POSTER SESSION  
2  
THURSDAY  
MARCH 3, 2016  
4:30 P.M.-6:00 P.M.**

Poster Session 2 • Thursday, March 3, 2016 • 4:30 p.m.-6:00 p.m.

[illegible]



## POSTER SESSION 2

2:30 p.m.-3:00 p.m. . . . . Presenters set up posters

4:30 p.m.-6:00 p.m. . . . . Poster Session 2  
**Presenters available at their poster**

6:00 p.m.-7:00 p.m. . . . . Presenters remove posters

### POS2-1

#### CONSUMER RESPONSES TO MODIFIED RISK TOBACCO PRODUCT ADVERTISING

*Richard O'Connor, Roswell Park Cancer Institute*

### POS2-2

#### KNOWING FEMALE SMOKERS' PROFILE WITH MULTIPLE CHRONIC CONDITIONS IN THE SMOKING CESSATION PROCESS

*Arise Galil<sup>\*1,2</sup>, Eliane Banhato<sup>2,3</sup>, Marinéia Cruz<sup>2,3</sup>, Bárbara Any Andrade<sup>2,3</sup>, Kelly Fabiane Miranda<sup>2,3</sup>, Tatiane Campos<sup>2,3</sup>, Roberta Valente<sup>2,3</sup>, Ma'rcus Bastos<sup>2,3</sup>, <sup>1</sup>Federal University of Juiz de Fora, Brazil, <sup>2</sup>Juiz de Fora - Brazil, <sup>3</sup>IMEPEN Foundation, Brazil*

### POS2-3

#### TOBACCO SALES TO MINORS: STATE DIFFERENCES IN FDA COMPLIANCE CHECK INSPECTIONS, 2014

*Hannah Baker<sup>\*1</sup>, Clare Meernik<sup>\*1</sup>, Kristen Jarman<sup>1</sup>, Leah Ranney<sup>1</sup>, Joseph Lee<sup>2</sup>, Adam Goldstein<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>East Carolina University, NC, USA*

### POS2-4

#### THE EFFECTIVENESS OF NICOTINE-PATCH THERAPY FOR SMOKING CESSATION IN SAUDI SMOKERS IN CENTRAL SAUDI ARABIA

*Mohamed Al-Arifi, King Saud University, Saudi Arabia*

### POS2-5

#### IMPLEMENTATION AND OUTCOMES OF A NATIONAL POLICY TO REDUCE TOBACCO RETAIL DENSITY IN HUNGARY

*Jozsef Bodrogi<sup>1</sup>, Tamas Joo<sup>2</sup>, Todd Rogers<sup>3</sup>, Frank Chaloupka<sup>4</sup>, Kristie Foley<sup>\*5</sup>, <sup>1</sup>Health Solutions, Inc., Hungary, <sup>2</sup>Health Solutions, Inc., USA, <sup>3</sup>RTI International, NC, USA, <sup>4</sup>University of Illinois Chicago, IL, USA, <sup>5</sup>Wake Forest School of Medicine, NC, USA*

### POS2-6

#### AN EXPERIMENTAL MANIPULATION OF REDUCED NICOTINE CONTENT EXPECTANCIES ALTERS INITIAL SUBJECTIVE AND BEHAVIORAL RESPONSES TO SMOKING: A PILOT STUDY

*Melissa Mercincavage<sup>\*1</sup>, Joshua Smyth<sup>2</sup>, Steven Bransetter<sup>2</sup>, <sup>1</sup>University of Pennsylvania, PA, USA, <sup>2</sup>The Pennsylvania State University, PA, USA*

### POS2-7

#### STUDY TO QUANTITATIVELY ASSESS THE POTENTIAL MESSAGE (THS-PBA-03-US)

*Felix Beacher<sup>\*1</sup>, Thomas Alfieri<sup>2</sup>, Pierpaolo Magnani<sup>1</sup>, Gerd Kallischnigg<sup>3</sup>, Ramazzotti Antonio<sup>1</sup>, <sup>1</sup>Philip Morris International S.A., Market Research and Innovation, Switzerland, <sup>2</sup>Covance Market Access Services, Inc., CA, USA, <sup>3</sup>ARGUS – Statistics and Information Systems in Environment and Public Health, Germany*

Poster Session 2 • Thursday, March 3, 2016 • 4:30 p.m.-6:00 p.m.

**POS2-8****TOBACCO MARKETING, SMOKING SUSCEPTIBILITY, AND SMOKING BEHAVIOR AMONG EARLY ADOLESCENTS IN MEXICO**

*Rosaura Perez-Hernandez\*<sup>1</sup>, Erika Abad-Vivero<sup>1</sup>, Inti Barrientos-Gutierrez<sup>1</sup>, Christy Kollath-Cattano<sup>2</sup>, Raúl Mejía<sup>3</sup>, Edna Arillo-Santillan<sup>1</sup>, James Sargent<sup>4</sup>, James Thrasher<sup>5</sup>, <sup>1</sup>National Institute of Public Health, Mexico, <sup>2</sup>College of Charleston, NC, USA, <sup>3</sup>Centro de Estudios de Estado y Sociedad (CEDES), Argentina, <sup>4</sup>Dartmouth-Hitchcock Medical Center, NH, USA, <sup>5</sup>University of South Carolina, SC, USA*

**POS2-9****DATA FOR TOBACCO RESEARCH FROM THE NATIONAL ADDICTION & HIV DATA ARCHIVE PROGRAM**

*Kaye Marz, University of Michigan, MI, USA*

**POS2-11****A BASELINE ASSESSMENT OF KNOWLEDGE ABOUT HEALTH WARNING LABELS AMONG U.S. SMOKERS: RESULTS FROM THE 2014-2015 INTERNATIONAL TOBACCO CONTROL SURVEY**

*Brian Fix\*<sup>1</sup>, Maansi Travers<sup>1</sup>, Danielle Smith<sup>1</sup>, K. Michael Cummings<sup>2</sup>, Andrew Hyland<sup>1</sup>, Georges Nahhas<sup>2</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Medical University of South Carolina, SC, USA*

**POS2-12****NEW ZEALAND (NZ) SMOKERS' PERCEPTIONS OF THE EFFECTS OF FIVE THEORETICAL TOBACCO RETAIL REDUCTION POLICIES**

*Lindsay Robertson\*, Janet Hoek, Phil Gendall, Louise Marsh, Claire Cameron, Rob McGee, University of Otago, New Zealand*

**POS2-13****EXAMINING POLICY SUCCESSES IN REDUCING ADULT SMOKING RATES IN LOW-SOCIOECONOMIC POPULATIONS**

*Ilana Knopf\*<sup>1</sup>, Harlan Juster<sup>2</sup>, <sup>1</sup>Public Health and Tobacco Policy Center - Public Health Advocacy Institute., MA, USA, <sup>2</sup>New York State Department of Health, NY, USA*

**POS2-14****IMPACT OF A COMPREHENSIVE SMOKE-FREE LAW ON INDOOR AIR QUALITY AT HOSPITALITY VENUES IN SOUTH KOREA**

*Sol Yu\*, Soonchunhyang University, South Korea, Republic of Korea*

**POS2-15****MULTIDISCIPLINARY CARE UNIT FOR SMOKING USERS WITH MULTIPLE CHRONIC CONDITIONS: TOBACCO STATUS IN A FOLLOW-UP OF 12 MONTHS**

*Barbara Any Andrade\*, Arise Galil, Marineia Cruz, Tatiane Campos, Roberta Costa, Eliane Banhato, Fernando Colugnati, Universidade Federal de Juiz de Fora, Brazil*

**POS2-16****TOBACCO IMAGERY ON NEW ZEALAND TELEVISION: TEN YEARS ON**

*Louise Marsh\*, Rob McGee, Lindsay Robertson, Matthew Ward, Rebecca Llewellyn, University of Otago - Dunedin, New Zealand, New Zealand*

**POS2-17****EVALUATION OF RATIONALES FOR AND AGAINST REGULATING E-CIGARETTES**

*Ashley Sanders-Jackson\*<sup>1</sup>, Andy Tan<sup>2</sup>, Cabral Bigman<sup>3</sup>, Jeff Niederdeppe<sup>4</sup>, <sup>1</sup>Michigan State University, MI, USA, <sup>2</sup>Harvard*



University, MA, USA, <sup>3</sup>University of Illinois Urbana-Champaign, IL, USA, <sup>4</sup>Cornell University, NY, USA

#### POS2-18

##### PERCEPTIONS OF “NATURAL” AND “ADDITIVE-FREE” CIGARETTES AND INTENTIONS TO PURCHASE

Richard O'Connor<sup>\*1</sup>, M. Jane Lewis<sup>2</sup>, Sarah Adkison<sup>1</sup>, Maansi Bansal-Travers<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Rutgers School of Public Health, NJ, USA

#### POS2-19

##### A LONGITUDINAL STUDY OF THE EFFECT OF E-CIGARETTE ADVERTISEMENTS ON E-CIGARETTE USE AMONG U.S. ADULT SMOKERS AND NONSMOKERS

Israel Agaku<sup>\*1</sup>, Kevin Davis<sup>2</sup>, Deesha Patel<sup>1</sup>, Paul Shafer<sup>2</sup>, Shanna Cox<sup>1</sup>, William Ridgeway<sup>2</sup>, Brian King<sup>1</sup>, <sup>1</sup>Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA, <sup>2</sup>RTI International, Atlanta, GA, USA

#### POS2-20

##### NATIONAL AND STATE-SPECIFIC PREVALENCE OF ATTITUDES TOWARD SMOKE-FREE PARKS AMONG U.S. ADULTS

Judy Kruger<sup>\*1</sup>, Amal Jama<sup>2</sup>, Michelle Kegler<sup>3</sup>, Kristy Marynak<sup>1</sup>, Brian King<sup>1</sup>, <sup>1</sup>Centers for Disease Control and Prevention, GA, USA, <sup>2</sup>D.B. Consulting Group, GA, USA, <sup>3</sup>Emory University, GA, USA

#### POS2-21

##### TOBACCO USE PERSPECTIVES FROM ABORIGINAL PEOPLE WHO IDENTIFY AS TWO-SPIRIT, LESBIAN, GAY, TRANS, AND/OR QUEER – POLICY AND PRACTICE INSIGHTS FROM ONTARIO YOUTH AND YOUNG ADULTS

Ryan David Kennedy<sup>\*1</sup>, N Bruce Baskerville<sup>2</sup>, Sunday Azagba<sup>2</sup>, Michael Chaiton<sup>3</sup>, Alanna Shuh<sup>2</sup>, Aneta Abramowicz<sup>2</sup>, Katy Wong<sup>2</sup>, Aamer Esmail<sup>4</sup>, Jennifer Yessis<sup>2</sup>, <sup>1</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA, <sup>2</sup>Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, <sup>3</sup>Ontario Tobacco Research Unit, Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada, <sup>4</sup>Sherbourne Health Centre, Toronto, ON, Canada

#### POS2-22

##### NICOTINE CONTENT AND CHILD-RESISTANT PACKAGING OF ELECTRONIC CIGARETTE REFILL LIQUIDS AND VAPE STORE COMPLIANCE WITH STATE SMOKE-FREE LAWS

Kelly Buettner-Schmidt<sup>\*</sup>, Donald Miller, Narayanaganesh

#### POS2-23

##### TAKE IT OUTSIDE! THE EFFECTS OF SMOKE-FREE HOUSING POLICIES ON TOBACCO USE AND SECONDHAND SMOKE EXPOSURE AMONG AFFORDABLE HOUSING RESIDENTS

John Kingsbury<sup>\*</sup>, Dawn Reckinger, Minnesota Department of Health, MN, USA

#### POS2-24

##### IMPACT ASSESSMENT OF HUMAN RIGHTS BASED APPROACH TO TOBACCO CONTROL

Kirsten Henry<sup>\*</sup>, John Loftus, Carolyn Dresler, Harry Lando, Human Rights and Tobacco Control Network, MN, USA

**POS2-25****ADDRESSING TOBACCO PRODUCT REGULATION IN ETHNICALLY DIVERSE COMMUNITIES BY PARTNERING WITH COMMUNITY HEALTH WORKERS AND KEY OPINION LEADERS**

*Robert Garcia\*, Lourdes Baezconde-Garbanati, University of Southern California, CA, USA*

**POS2-26****CHARACTERIZATION OF THE BACTERIAL MICROBIOTA ASSOCIATED WITH LITTLE CIGARS**

*Emmanuel Mongodin<sup>\*1</sup>, Eoghan Smyth<sup>1</sup>, Suhana Chattopadhyay<sup>2</sup>, Lauren Hittle<sup>1</sup>, Emma Claye<sup>2</sup>, Prachi Kulkarni<sup>2</sup>, Amy Sapkota<sup>2</sup>, <sup>1</sup>Institute for Genome Sciences, University of Maryland, School of Medicine, Baltimore, MD, USA, <sup>2</sup>Maryland Institute for Applied Environmental Health, University of Maryland College Park School of Public Health, College Park, MD, USA*

**POS2-27****IS "ORGANIC" THE NEW "LIGHT"? PUBLIC BELIEFS AND EXPERIENCES WITH "ORGANIC," "ADDITIVE-FREE," AND "NATURAL" CIGARETTES**

*M. Justin Byron<sup>\*1,2</sup>, Sabeeh Baig<sup>1,2</sup>, Kathryn Moracco<sup>2</sup>, Noel Brewer<sup>1,2</sup>, <sup>2</sup>Gillings School of Global Public Health, University of North Carolina at Chapel Hill, NC, USA, <sup>1</sup>Lineberger Comprehensive Cancer Center, NC, USA*

**POS2-28****CONTENT ANALYSIS OF UNIQUE SELLING PROPOSITIONS IN TOBACCO ADS: CIGARETTES VS. NON-CIGARETTE TOBACCO PRODUCTS**

*Smita Banerjee<sup>\*1</sup>, Megan Shen<sup>2</sup>, Kathryn Greene<sup>3</sup>, Jamie Ostroff<sup>1</sup>, <sup>1</sup>Memorial Sloan Kettering Cancer Center, NY, USA, <sup>2</sup>Weill Cornell Medical College, NY, USA, <sup>3</sup>Rutgers University, NJ, USA*

**POS2-29****POINT-OF-SALE TOBACCO PROMOTION AND YOUTH SMOKING: A META-ANALYSIS**

*Lindsay Robertson\*, Claire Cameron, Rob McGee, Louise Marsh, Janet Hoek, University of Otago, New Zealand*

**POS2-30****HOW HEALTH RISKS ARE PINPOINTED (OR NOT) ON SOCIAL MEDIA: THE PORTRAYAL OF WATERPIPE SMOKING ON INSTAGRAM**

*Jeanine Guidry, Virginia Commonwealth University, Department of Social and Behavior Health, VA, USA*

**POS2-31****REACHING CONSUMERS: HOW THE TOBACCO INDUSTRY USES EMAIL MARKETING**

*Samantha Carlson<sup>1</sup>, Molly Moilanen<sup>2</sup>, Barbara Schillo<sup>2</sup>, <sup>1</sup>Association for Nonsmokers-Minnesota, MN, USA, <sup>2</sup>ClearWay Minnesota, MN, USA*

**POS2-32****FDA-PROPOSED WARNING LABEL ON ELECTRONIC CIGARETTES: PERCEPTIONS AMONG U.S. ADULTS, 2015**

*Kyle Gregory, Ban Majeed\*, Joy Burns, Georgia State University, GA, USA*

**POS2-33****AN ANALYSIS OF QUANTITY AND CONTENT OF THREE-YEAR ELECTRONIC CIGARETTE PROMOTION ON TWITTER**

*Steven Binns\*, Jidong Huang, Yaru Shi, Hy Tran, Violeta Carrion, Sherry Emery, University of Illinois at Chicago, IL, USA*



**POS2-34****PROVIDER PERSPECTIVES ON INTERNATIONAL TRAINING IN TOBACCO TREATMENT: ACCESS, QUALITY, AND PERSPECTIVES ON POLICY**

Henrique Gomide<sup>\*1</sup>, Leonardo Martins<sup>1</sup>, Kimber Richter<sup>2</sup>, Wael Elmeguid<sup>3</sup>, Mira Aghi<sup>4</sup>, Sidney Pratt<sup>5</sup>, Yael Bar Zeev<sup>6</sup>, ATTUD International Training Committee<sup>7</sup>, <sup>1</sup>Department of Psychology, Federal University of Juiz de Fora, Brazil, <sup>2</sup>Department of Preventive Medicine and Public Health, University of Kansas Medical Center, Kansas City, KS, USA, <sup>3</sup>Coordinator, Tobacco Treatment Unit, Wadi El Neel Hospital, Cairo, Egypt, <sup>4</sup>Behavioral Science, Healix Sekhsaria Institute of Public Health, Mumbai, India, <sup>5</sup>Smokefreeworld, San Jose, Costa Rica, <sup>6</sup>Advisers of the President of Costa Rica in Tobacco Control, Costa Rica, <sup>7</sup>Division of Community Health, Faculty of Health Science, Ben Gurion University of the Negev, Israel, <sup>7</sup>Association for the Treatment of Tobacco Use and Dependence International Training Committee (ATTUD-ITC), USA

**POS2-35****CORRELATES OF REACTIONS TO PUBLIC SMOKE-FREE POLICIES AND SMOKE-FREE HOME POLICY ADOPTION IN THE REPUBLIC OF GEORGIA**

Carla Berg<sup>\*1</sup>, Marina Topuridze<sup>2</sup>, Nino Maglakelidze<sup>2</sup>, Lela Sturua<sup>2</sup>, Maia Shishniashvili<sup>3</sup>, Michelle Kegler<sup>1</sup>, <sup>1</sup>Emory University, GA, USA, <sup>2</sup>National Center for Disease Control and Public Health, Georgia, <sup>3</sup>National Center for Disease Control and Public Health, USA

**POS2-36****ELECTRONIC CIGARETTES ON HOSPITAL CAMPUSES**

Clare Meernik<sup>\*</sup>, Hannah Baker<sup>\*</sup>, Karina Paci, Isaiah Fischer-Brown, Daniel Dunlap, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

**POS2-37****STANDARDIZED TOBACCO ASSESSMENT FOR RETAIL SETTINGS—TRIBAL COMMERCIAL TOBACCO (STARS-TCT) IN NAVAJO NATION**

Patricia Henderson<sup>\*1</sup>, Chantal Nez<sup>1</sup>, Priscilla Nez<sup>1</sup>, Scott Leischow<sup>2</sup>, <sup>1</sup>Black Hills Center for American Indian Health, SD, USA, <sup>2</sup>Mayo Clinic, AZ, USA

**POS2-38****DISTINCT TOBACCO INDUSTRY INFLUENCES IN A STATE LEGISLATURE**

James Matheny<sup>\*</sup>, Theodore Wagener, Michael Anderson, University of Oklahoma Health Sciences Center, OK, USA

**POS2-40****ATTITUDES TO OUTDOOR SMOKEFREE POLICIES IN THE USA AND CANADA**

Richard Edwards<sup>\*1</sup>, George Thomson<sup>1</sup>, Nick Wilson<sup>2</sup>, Damian Collins<sup>3</sup>, <sup>1</sup>University of Otago, Wellington, New Zealand, <sup>2</sup>Department of Otago, Wellington, New Zealand, <sup>3</sup>University of Alberta, Edmonton, Canada

**POS2-41****CHINA'S TOBACCO-FREE CAMPUS POLICY ON COLLEGE CAMPUSES – EVIDENCE FROM A SURVEY OF COLLEGE STUDENTS IN BEIJING**

Min Gong<sup>\*1</sup>, Zhu-yuan Liang<sup>2</sup>, Yangyang Zhang<sup>3</sup>, William Shadel<sup>2</sup>, Lei Zhou<sup>2</sup>, Jia-Ying Xiao<sup>4</sup>, <sup>1</sup>RAND Corporation, PA, USA, <sup>2</sup>Institute of Psychology, Chinese Academy of Sciences, China, <sup>3</sup>Institute of Psychology institution, Chinese Academy of Sciences, China, <sup>4</sup>Beijing Normal University, China

**POS2-42****GEORGIA RESTAURANT AND BAR OWNERS AND MANAGERS RECEPTIVENESS TO ALLOWING ELECTRONIC NICOTINE DELIVERY SYSTEM USE IN THEIR ESTABLISHMENTS**

*Rachna Chandora\*, Brandon Talley, Scott Weaver, Michael Eriksen, Georgia State University, School of Public Health, GA, USA*

**POS2-43****USING THE TRANSTHEORETICAL MODEL TO EVALUATE A STATEWIDE TOBACCO TAX INCREASE**

*Michael Parks<sup>1</sup>, John Kingsbury<sup>\*1</sup>, Michael Amato<sup>2</sup>, Raymond Boyle<sup>2</sup>, <sup>1</sup>Minnesota Department of Health, MN, USA, <sup>2</sup>Clear-Way Minnesota, MN, USA*

**POS2-44****THE WORLD'S FIRST REGULATED LEGAL MARKET FOR NEW PSYCHOACTIVE SUBSTANCES – RELEVANCE TO TOBACCO CONTROL?**

*Richard Edwards<sup>\*1</sup>, Janet Hoek<sup>2</sup>, George Thomson<sup>1</sup>, Richard Jaine<sup>1</sup>, Nick Wilson<sup>1</sup>, <sup>1</sup>University of Otago - Wellington, New Zealand, <sup>2</sup>University of Otago - Dunedin, New Zealand*

**POS2-45****GEOGRAPHIC REGION AND STATE TOBACCO EXCISE TAX AS PREDICTORS OF AIDED VERSUS UNAIDED CESSATION ATTEMPTS**

*Jennifer Dahne\*, Matthew Carpenter, Medical University of South Carolina, SC, USA*

**POS2-46****ATTITUDES TOWARD PROHIBITING THE USE OF ELECTRONIC NICOTINE DELIVERY SYSTEMS IN INDOOR PUBLIC PLACES AMONG U.S. ADULTS, 2015**

*Brian King\*, Kristy Marynak, Amal Jama, Gabbi Promoff, Centers for Disease Control and Prevention (CDC), GA, USA*

**POS2-47****REDUCED RELATIVE HARM PERCEPTION AND USE OF EMERGING TOBACCO PRODUCTS AMONG U.S. MIDDLE AND HIGH SCHOOL STUDENTS, 2013**

*Israel Agaku\*, Tushar Singh, Office on Smoking and Health, Epidemiology branch, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta GA, USA*

**POS2-48****NEW ZEALAND ADOLESCENTS' DISCOURAGEMENT OF SMOKING AMONG THEIR PEERS**

*Ella Iosua<sup>1</sup>, Rob McGee<sup>1</sup>, Joanna White<sup>2</sup>, <sup>1</sup>University of Otago, New Zealand, <sup>2</sup>Health Promotion Agency, New Zealand*

**POS2-49****THE IMPACT OF GOVERNMENTAL POLICIES AND MULTINATIONAL TOBACCO COMPANY PRACTICES ON TOBACCO FARMING IN ROMANIA**

*Arpad Szabo<sup>\*1</sup>, Todd Rogers<sup>2</sup>, Ede Lazar<sup>3</sup>, Frank Chaloupka<sup>4</sup>, Hunor Burian<sup>3</sup>, Zoltan Abram<sup>4</sup>, <sup>1</sup>MÜTF Educational Centre - Odorheiu Secuiesc, Romania, <sup>2</sup>RTI International, CA, USA, <sup>3</sup>Sapientia University - Miercurea Ciuc, Romania, <sup>4</sup>University of Illinois at Chicago, IL, USA*

**POS2-50****VAPE STORE OPERATORS' TAKE ON VAPING POLICIES — QUALITATIVE STUDY ACROSS SEVEN CITIES IN THE U.S.**

*Pratibha Nayak<sup>\*1</sup>, Dianne Barker<sup>2</sup>, JiDong Huang<sup>3</sup>, Christine Mineart<sup>2</sup>, Eleanor Leavens<sup>4</sup>, Farhia Omar<sup>6</sup>, Megan Diaz<sup>3</sup>, Frank Chaloupka<sup>3</sup>, <sup>1</sup>Georgia State University, GA, USA, <sup>2</sup>Barker Bi-Coastal Health Consultants, Inc., CA, USA, <sup>3</sup>University*



of Illinois Chicago, IL, USA, <sup>4</sup>Oklahoma State University, OK, USA, <sup>5</sup>Mayo Clinic, MN, USA

#### POS2-51

##### APPRAISAL OF RADICAL OPTIONS FOR ACHIEVING NEW ZEALAND'S SMOKEFREE 2025 GOAL: MAORI, PACIFIC, AND POLICY EXPERT PERSPECTIVES

Jude Ball<sup>1</sup>, Richard Edwards<sup>\*1</sup>, Andrew Waa<sup>1</sup>, El-Shadan Tautolo<sup>2</sup>, <sup>1</sup>University of Otago, Wellington, New Zealand, <sup>2</sup>Auckland University of Technology, New Zealand

#### POS2-52

##### LEVERAGING NATIONAL TOBACCO USE PHONE SURVEY DATA TO INFORM FDA POLICY

Marcella Boynton<sup>\*1</sup>, Robert Agans<sup>1</sup>, J. Michael Bowling<sup>1</sup>, Noel Brewer<sup>1</sup>, Erin Sutfin<sup>2</sup>, Adam Goldstein<sup>1</sup>, Seth Noar<sup>1</sup>, Kurt Ribisl<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>Wake Forest University, NC, USA

#### POS2-53

##### THE IMPACT OF TOBACCO RETAIL OUTLETS ON SMOKING CESSATION: THE EFFECTS OF PROXIMITY, THRESHOLD, AND DENSITY IN A LONGITUDINAL POPULATION REPRESENTATIVE COHORT

Michael Chaiton<sup>\*1</sup>, Joanna Cohen<sup>2</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA

#### POS2-54

##### THE RECENT TREND OF WARNINGS IN PRINT ELECTRONIC NICOTINE DELIVERY SYSTEM ADVERTISEMENTS

Ce Shang<sup>\*</sup>, Frank Chaloupka, University of Illinois at Chicago, IL, USA

#### POS2-55

##### ASSESSING THE ASSOCIATION OF SMOKE-FREE LEGISLATION AND TOBACCO TAXATION WITH GENDER EFFECT ON SMOKING PREVALENCE: A LONGITUDINAL COMMUNITY STUDY

Chih-Kuan Lai, Taipei Veterans General Hospital

#### POS2-56

##### NAVAJO SMOKING POLICY AND HEALTH SURVEY: OPINIONS AND BELIEFS ABOUT SMOKE-FREE POLICIES OF NAVAJO ELECTED OFFICIALS

Janet Okamoto<sup>\*1</sup>, Patricia Nez Henderson<sup>2</sup>, Scott Leischow<sup>1</sup>, <sup>1</sup>Mayo Clinic, AZ, USA, <sup>2</sup>Black Hills Center for American Indian Health, SD, USA

#### POS2-57

##### DOCTOR ADVICE ABOUT NICOTINE IN THE CONTEXT OF E-CIGARETTES – OBSERVATIONAL CONTENT ANALYSIS FROM AN ONLINE DIGITAL HEALTH SITE

Andrea Burbank, MD<sup>\*1</sup>, Cati Brown-Johnson, PhD<sup>2</sup>, Geoffrey Rutledge, MD, PhD<sup>3</sup>, Judith Prochaska, PhD, MPH<sup>2</sup>, <sup>1</sup>Center for Tobacco Control Research and Education, University of California, San Francisco, CA, USA, <sup>2</sup>Stanford Prevention Research Center, Department of Medicine, Stanford University, Stanford, CA, USA, <sup>3</sup>HealthTap, Palo Alto, CA, USA

#### POS2-58

##### HOW ARE THEY GETTING THEM?

Jacob Isaacson, Davis County Health Department

#### POS2-59

##### E-CIGARETTE SMOKING AMONG U.S. ADOLESCENTS: SYSTEMATIC REVIEW

Linda Haddad<sup>1</sup>, Roula Ghadban<sup>2</sup>, Anastasiya Ferrell<sup>\*1</sup>, <sup>1</sup>University of Florida, College of Nursing, FL, USA, <sup>2</sup>Virginia Commonwealth University, School of Nursing, VA, USA

Poster Session 2 • Thursday, March 3, 2016 • 4:30 p.m.-6:00 p.m.

**POS2-60****HOW DO CIGARETTE PRICES, MARKETING, AND TOBACCO PRODUCT AVAILABILITY IN PHARMACIES COMPARE TO OTHER TOBACCO RETAILER TYPES?**

*Andrew Seidenberg<sup>\*1</sup>, Shelley Golden<sup>1</sup>, Kurt Ribisl<sup>1,2</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>Lineberger Comprehensive Cancer Center, NC, USA*

**POS2-61****THE RELATIONSHIP BETWEEN USE OF FLAVORED TOBACCO PRODUCTS, PRODUCT APPEAL, AND QUIT ATTEMPTS: FINDINGS FROM A SURVEY OF U.S. ADULT TOBACCO USERS**

*Danielle Smith<sup>\*1</sup>, Maansi Bansal-Travers<sup>1</sup>, Jidong Huang<sup>2</sup>, Dianne Barker<sup>3</sup>, Andrew Hyland<sup>1</sup>, Frank Chaloupka<sup>2</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Institute for Health Research and Policy, University of Illinois at Chicago, IL, USA, <sup>3</sup>Barker Bi-Coastal Health Consultants, Inc., CA, USA*

**POS2-62****RECALL OF E-CIGARETTE ADVERTISING AND POLICY BELIEFS AMONG YOUTH AND YOUNG ADULTS**

*Allyson Volinsky<sup>\*</sup>, Elissa Kranzler, Annenberg School for Communication, University of Pennsylvania, PA, USA*

**POS2-63****ANALYSIS OF HEALTH WARNINGS ON ELECTRONIC NICOTINE DELIVERING SYSTEMS FROM THE U.S. MARKET**

*Iman Chaudhry<sup>\*</sup>, Noel Leigh, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA*

**POS2-64****TOBACCO GROWING AND THE UNITED NATIONS POST-2015 DEVELOPMENT AGENDA: THE EXAMPLE OF MALAWI**

*Margarete Kulik<sup>\*1</sup>, Stella Bialous<sup>1</sup>, Spy Munthali<sup>2</sup>, Wendy Max<sup>1</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Chancellor College, University of Malawi, Malawi*

**POS2-65****EFFECTIVENESS OF PICTORIAL HEALTH WARNINGS IN INDIA: FINDINGS FROM THE TCP INDIA SURVEY**

*Genevieve Sansone<sup>\*1</sup>, Geoffrey Fong<sup>1</sup>, Lorraine Craig<sup>1</sup>, Steve Xu<sup>1</sup>, Anne Quah<sup>1</sup>, Prakash Gupta<sup>2</sup>, Mangesh Pednekar<sup>2</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>Healis-Sekharia Institute for Public Health, India*

**POS2-66****DEBUNKING THE TAX - CONTRABAND MYTH**

*Robert Schwartz<sup>\*1</sup>, Bo Zhang<sup>2</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Ontario Tobacco Research Unit, University of Toronto, ON, Canada*

**POS2-67****CIGARETTE FLAVORS IN 13 LOW- AND MIDDLE-INCOME COUNTRIES: ARE TOBACCO COMPANIES EXPERIMENTING WITH HOW TO CIRCUMVENT BANS ON "CHARACTERIZING" FLAVORS?**

*Joanna Cohen<sup>\*</sup>, Carmen Washington, Jacqueline Ferguson, Jennifer Brown, Laura Kroart, Katherine Smith, Johns Hopkins Bloomberg School of Public Health, MD, USA*

**POS2-68****ESTIMATION OF DIFFERENT PRICE ELASTICITIES OF CIGARETTES IN ROMANIA**

*Ede Lazar<sup>\*1</sup>, Frank Chaloupka<sup>2</sup>, Todd Rogers<sup>3</sup>, Arpad Szabo<sup>4</sup>, Zoltan Abram<sup>5</sup>, <sup>1</sup>Sapientia Hungarian University of Transylvania, Romania, <sup>2</sup>University of Illinois at Chicago, IL, USA, <sup>3</sup>RTI International, NC, USA, <sup>4</sup>MÜTF Educational Centre - Odorheiu*



Secuiesc, Romania, <sup>5</sup>University of Medicine and Pharmacy of Tirgu Mures, Romania

#### POS2-69

#### FLIGHT ATTENDANTS' RECOMMENDATIONS FOR IMPROVING SMOKE-FREE POLICY 25 YEARS AFTER PASSAGE OF THE LANDMARK BAN ON IN-FLIGHT SMOKING

Lisa Lagasse\*, Andrea Soong, Ana Navas-Acien, Joanna Cohen, Frances Stillman, Johns Hopkins Bloomberg School of Public Health, MD, USA

#### POS2-70

#### 'NIL', 'PEANUTS', 'PENNIES', 'RUBBISH – WASTE OF TIME': SMALL RETAILERS' PROFITS FROM CIGARETTES IN ENGLAND

Sara Hitchman<sup>\*1,2</sup>, Robert Calder<sup>1</sup>, Ann McNeill<sup>1,2</sup>, <sup>1</sup>Department of Addictions, Institute of Psychiatry, Psychology, and Neuroscience, King's College London, London, England, United Kingdom, <sup>2</sup>UK Centre for Tobacco and Alcohol Studies, United Kingdom

#### POS2-71

#### DO YOUNG ADULTS EXERCISE INFORMED CHOICE ABOUT SMOKING AS THE TOBACCO INDUSTRY CLAIM?

Richard Edwards<sup>\*1</sup>, Rebecca Gray<sup>1</sup>, Janet Hoek<sup>2</sup>, <sup>1</sup>University of Otago - Wellington, New Zealand, <sup>2</sup>University of Otago - Dunedin, New Zealand

#### POS2-72

#### AN ASSESSMENT OF RELATIVE RISK PERCEPTIONS ACROSS NON-COMBUSTIBLE TOBACCO AND NICOTINE PRODUCTS: IMPLICATIONS FOR PUBLIC HEALTH POLICY

Christine Czoli<sup>\*1</sup>, Geoffrey Fong<sup>2</sup>, Darren Mays<sup>3</sup>, David Hammond<sup>1</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>University of Waterloo, Ontario Institute for Cancer Research, ON, Canada, <sup>3</sup>Lombardi Comprehensive Cancer Center, Georgetown University Medical Center, DC, USA

#### POS2-73

#### TOBACCO RETAIL OUTLET DENSITY AND RISK OF YOUTH SMOKING IN NEW ZEALAND

Louise Marsh<sup>\*1</sup>, Ali Ajmal<sup>2</sup>, Rob McGee<sup>1</sup>, Lindsay Robertson<sup>1</sup>, Crile Doscher<sup>3</sup>, Claire Cameron<sup>4</sup>, <sup>1</sup>University of Otago - Dunedin, New Zealand, <sup>2</sup>ASH New Zealand, New Zealand, <sup>3</sup>Lincoln University - Canterbury, New Zealand, <sup>4</sup>University of Otago, New Zealand

#### POS2-74

#### PREVALENCE OF SMOKING IN PUBLIC VENUES AND SUPPORT FOR SMOKE-FREE REGULATIONS AMONG SMOKERS AND NON-SMOKERS: FINDINGS FROM THE ITC AFRICAN COUNTRIES

Susan Kaai<sup>\*1</sup>, Geoffrey Fong<sup>1</sup>, Premduth Burhoo<sup>2</sup>, Fastone Goma<sup>3</sup>, Jane Ong'ang'o<sup>4</sup>, Lawrence Ikamari<sup>5</sup>, Gang Meng<sup>1</sup>, Anne Quah<sup>1</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>Mauritius Institute of Health, Mauritius, <sup>3</sup>University of Zambia, Zambia, <sup>4</sup>Kenya Medical Research Institute, Kenya, <sup>5</sup>University of Nairobi, Kenya

#### POS2-75

#### EVALUATION OF COMPLIANCE IN PUBLIC PLACES AND WORKPLACES AFTER SEVEN MONTHS OF IMPLEMENTATION OF THE SMOKE-FREE LAW IN BANGLADESH

Ernesto Sebrie<sup>\*1</sup>, Mena El-Turky<sup>1</sup>, Eva Naznin<sup>2</sup>, Taifur Rahman<sup>3</sup>, Deirdre Kittner<sup>1</sup>, <sup>1</sup>Campaign for Tobacco-Free Kids, DC, USA, <sup>2</sup>University of Newcastle, Australia, <sup>3</sup>Red Cross, Bangladesh

Poster Session 2 • Thursday, March 3, 2016 • 4:30 p.m.-6:00 p.m.

**POS2-76****COMMON PREDICTORS OF QUIT INTENTIONS AMONG KENYAN AND ZAMBIAN SMOKERS: FINDINGS FROM THE ITC PROJECT**

Susan Kaai<sup>\*1</sup>, Geoffrey Fong<sup>1</sup>, Fastone Goma<sup>2</sup>, Jane Ong'ang'o<sup>3</sup>, Lawrence Ikamari<sup>4</sup>, Gang Meng<sup>1</sup>, Anne Quah<sup>1</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>University of Zambia, Zambia, <sup>3</sup>Kenya Medical Research Institute, Kenya, <sup>4</sup>University of Nairobi, Kenya

**POS2-77****MONEY GONE UP IN SMOKE: TOBACCO USE AND MALNUTRITION NEXUS IN BANGLADESH**

Muhammad Husain<sup>\*1</sup>, Mandeep Virk-Baker<sup>2</sup>, Bazlul Khondker<sup>3</sup>, <sup>1</sup>Centers for Disease Control and Prevention (CDC), GA, USA, <sup>2</sup>National Institutes of Health, Rockville, MD, USA, MD, USA, <sup>3</sup>University of Dhaka, Bangladesh

**POS2-78****THE IMPACT OF THE WHO FCTC ON THE IMPLEMENTATION OF STRONG TOBACCO MEASURES AND THE REDUCTION OF GLOBAL TOBACCO SMOKING PREVALENCE**

Geoffrey Fong<sup>1</sup>, Gary Giovino<sup>2</sup>, Alison Commar<sup>3</sup>, Edouard Tursan d'Espaignet<sup>3</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>University at Buffalo, NY, USA, <sup>3</sup>World Health Organization, Geneva, Switzerland

**POS2-79****THE LOW LEVEL OF AWARENESS OF KENYAN TOBACCO USERS ABOUT THE HARMS OF TOBACCO USE: FINDINGS FROM THE ITC KENYA PROJECT**

Susan Kaai<sup>\*1</sup>, Geoffrey Fong<sup>1</sup>, Jane Ong'ang'o<sup>2</sup>, Lawrence Ikamari<sup>3</sup>, Vincent Kimosop<sup>4</sup>, Annika Green<sup>1</sup>, Gang Meng<sup>1</sup>, Anne Quah<sup>1</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>Kenya Medical Research Institute, Kenya, <sup>3</sup>University of Nairobi, Kenya, <sup>4</sup>International Institute for Legislative Affairs, Kenya

**POS2-80****CIGARETTE HEALTH WARNING LABEL RESPONSES AND DOWNSTREAM SMOKING CESSATION AMONGST ADULT SMOKERS IN AUSTRALIA, CANADA, MEXICO, AND THE UNITED STATES: DOES REACTANCE MATTER?**

Yoojin Cho<sup>\*1</sup>, James Thrasher<sup>1</sup>, Robert McKeever<sup>1</sup>, Kamala Swayampakala<sup>1</sup>, Dien Anshari<sup>1</sup>, Michael Cummings<sup>2</sup>, David Hammond<sup>3</sup>, Ron Borland<sup>4</sup>, Hua-Hie Yong<sup>4</sup>, <sup>1</sup>University of South Carolina, SC, USA, <sup>2</sup>Medical University of South Carolina, SC, USA, <sup>3</sup>University of Waterloo, Canada, <sup>4</sup>Cancer Council Victoria, Australia

**POS2-81****HARM PERCEPTIONS ABOUT CIGARETTES MARKETING AS "ORGANIC," "NATURAL," AND/OR "ADDITIVE-FREE" AMONG U.S. ADULTS, 2015.**

Kristy Marynak, Amal Jama, Brian King, Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion Centers for Disease Control and Prevention, Atlanta, GA, USA

**POS2-82****MOVING INSIDE THE PACK WITH BRANDING ON THE STICK: DATA FROM 13 LOW- AND MIDDLE-INCOME COUNTRIES**

Katherine Smith<sup>\*</sup>, Carmen Washington, Jacqueline Ferguson, Jennifer Brown, Laura Kroart, Joanna Cohen, Johns Hopkins Bloomberg School of Public Health, MD, USA

**POS2-83****USING EYE-TRACKING TO EXAMINE HOW EMBEDDING RISK CORRECTIVE STATEMENTS IMPROVES CIGARETTE RISK BELIEFS: IMPLICATIONS FOR TOBACCO REGULATORY POLICY**

*Kirsten Lochbuehler<sup>\*1</sup>, Joseph Cappella<sup>2</sup>, Andrew Strasser<sup>2</sup>,  
<sup>1</sup>UPenn Tobacco Center of Regulatory Science (TCORS), Annenberg School for Communication, University of Pennsylvania, PA, USA, <sup>2</sup>UPenn Tobacco Center of Regulatory Science (TCORS), Annenberg School for Communication, University of Pennsylvania, PA, USA*

**POS2-84****SMOKERS' AND E-CIGARETTE USERS' PERCEPTIONS ABOUT POTENTIAL E-CIGARETTE WARNING STATEMENTS**

*Olivia Wackowski<sup>\*1</sup>, David Hammond<sup>2</sup>, Richard O'Connor<sup>3</sup>, Andrew Strasser<sup>4</sup>, Cristine Delnevo<sup>1</sup>, <sup>1</sup>Rutgers University - School of Public Health, NJ, USA, <sup>2</sup>University of Waterloo - School of Public Health & Health Systems, ON, Canada, <sup>3</sup>Roswell Park Cancer Institute, NY, USA, <sup>4</sup>University of Pennsylvania - Perelman School of Medicine, PA, USA*

**POS2-85****MAPPING GLOBAL TOBACCO CONTROL ACTIVITIES: A PILOT STUDY OF 2015 WORLD CONFERENCE ON TOBACCO OR HEALTH (WCTOH) ATTENDEES**

*Janet Okamoto<sup>\*1</sup>, Harry Lando<sup>2</sup>, Scott McIntosh<sup>3</sup>, Deborah Ossip<sup>3</sup>, Scott Leischow<sup>1</sup>, <sup>1</sup>Mayo Clinic, AZ, USA, <sup>2</sup>University of Minnesota, MN, USA, <sup>3</sup>University of Rochester Medical Center, NY, USA*

**POS2-86****TOBACCO OUTLETS AND FAST FOOD RESTAURANTS NEAR SCHOOLS IN 97 U.S. COUNTIES: ASSOCIATIONS WITH SCHOOL SOCIO-DEMOGRAPHIC CHARACTERISTICS**

*Heather D'Angelo<sup>\*1</sup>, Alice Ammerman<sup>2</sup>, Penny Gordon-Larsen<sup>2</sup>, Leslie Lytle<sup>2</sup>, Laura Linnan<sup>2</sup>, Kurt Ribisl<sup>2</sup>, <sup>1</sup>National Cancer Institute, MD, USA, <sup>2</sup>University of North Carolina at Chapel Hill, NC, USA*

**POS2-87****ATTITUDES ABOUT REGULATION OF E-CIGARETTES**

*Regina Whitmore<sup>\*1</sup>, Mark Gottlieb<sup>2</sup>, Susanne Tanski<sup>3</sup>, Karen Wilson<sup>4</sup>, Jonathan Winickoff<sup>6</sup>, Robert McMillen<sup>6</sup>, Jonathan Klein<sup>1</sup>, <sup>1</sup>American Academy of Pediatrics, IL, USA, <sup>2</sup>Northeastern Univ. School of Law, MA, USA, <sup>3</sup>Geisel School of Medicine at Dartmouth, NH, USA, <sup>4</sup>Children's Hospital Colorado, University of Colorado, CO, USA, <sup>5</sup>MGH Center for Child and Adolescent Health Policy, MA, USA, <sup>6</sup>Mississippi State University, MS, USA*

**POS2-88****SMOKERS' BELIEFS, EXPERIENCES, AND PERCEPTIONS OF DIFFERENT CIGARETTE VARIANTS BEFORE AND AFTER THE BAN ON MISLEADING DESCRIPTORS SUCH AS 'LIGHT', 'MILD', AND 'LOW' IN THE UNITED STATES: FINDINGS FROM THE ITC US SURVEY**

*Hua-Hie Yong<sup>\*1</sup>, Ron Borland<sup>1</sup>, Lin Li<sup>1</sup>, K. Michael Cummings<sup>2</sup>, Maansi Bansal-Travers<sup>3</sup>, Richard O'Connor<sup>3</sup>, James Thrasher<sup>4</sup>, <sup>1</sup>Cancer Council Victoria, Melbourne, Australia, <sup>2</sup>Medical University of South Carolina, Charleston, SC, USA, <sup>3</sup>Roswell Park Cancer Institute, New York, NY, USA, <sup>4</sup>University of South Carolina, Columbia, SC, USA*

**POS2-89****IMPACT OF CANADIAN TOBACCO PACKAGING ON QUITLINE UTILIZATION: AN INTERRUPTED TIME SERIES ANALYSIS OF CALL VOLUME**

Neill Baskerville<sup>\*1</sup>, K. Stephen Brown<sup>1</sup>, Nghia Nguyen<sup>2</sup>, Lynda Hayward<sup>2</sup>, Ryan Kennedy<sup>3</sup>, David Hammond<sup>1</sup>, H. Sharon Campbell<sup>1</sup>, <sup>1</sup>University of Waterloo, ON, Canada, <sup>2</sup>Propel Centre for Population Health Impact, University of Waterloo, ON, Canada, <sup>3</sup>John Hopkins Bloomberg School of Public Health, MD, USA

**POS2-90****CHANGES IN NICOTINE CONCENTRATION AND CARBONYL COMPOUND YIELDS GENERATED FROM THE E-CIGARETTE SOLUTIONS SUBJECTED TO ACCELERATED AGEING**

Andrzej Sobczak<sup>\*1</sup>, Leon Kosmider<sup>1,2</sup>, Marzena Zaciera<sup>2</sup>, Jolanta Kurek<sup>2</sup>, Maciej Goniewicz<sup>3</sup>, <sup>1</sup>Medical University of Silesia, Katowice, Poland, <sup>2</sup>Institute of Occupational Medicine and Environmental Health, Sosnowiec, Poland, <sup>3</sup>Roswell Park Cancer Institute, Buffalo, NY, USA

**POS2-91****THE INFLUENCE OF THE HEATING SYSTEM RESISTANCE ON THE NICOTINE YIELDS RELEASED FROM ELECTRONIC CIGARETTES**

Leon Kosmider<sup>\*1</sup>, Andrzej Sobczak<sup>1</sup>, Maciej Goniewicz<sup>2</sup>, <sup>1</sup>Medical University of Silesia, Katowice, Poland, <sup>2</sup>Institute of Occupational Medicine and Environmental Health, Sosnowiec, Poland, <sup>3</sup>Roswell Park Cancer Institute, Buffalo, NY, USA

**POS2-92****TOXICOLOGICAL EFFECTS OF FLAVORED ELECTRONIC NICOTINE DELIVERY SYSTEMS ON BRONCHIAL EPITHELIAL CELLS**

Ralph Lawton<sup>\*</sup>, Erin McConnaghy, Noel Leigh, Pamela Hershberger, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA

**POS2-93****MENTHOL CONTRIBUTION TO NICOTINE-SEEKING BEHAVIOR: EVIDENCE FROM RAT MODELS OF DRUG RELAPSE**

Xiu Liu<sup>\*</sup>, Erin Harrison, Lisa Biswas, Jonathan Lee, Meiyu Zhang, University of Mississippi Medical Center, MS, USA

**POS2-94****RESPONSE DIFFERENCES IN THE PRESENCE OF CIGARETTE-RELATED STIMULI AMONG SMOKERS & EX-SMOKERS.**

Daniel Robles<sup>\*1</sup>, Alina Shevorykin<sup>2</sup>, Robert Melara<sup>1</sup>, Mughessa Bhatti<sup>1</sup>, Jonathan Cabrera<sup>1</sup>, <sup>1</sup>The City College of New York, NY, USA, <sup>2</sup>Pace University. The City College of New York, NY, USA

**POS2-95****ANIMAL MODELS TO ASSESS THE ABUSE LIABILITY OF ELECTRONIC CIGARETTES: EFFECTS OF ELECTRONIC CIGARETTE REFILL LIQUID ON INTRACRANIAL SELF-STIMULATION**

Andrew Harris<sup>\*1,2</sup>, Peter Muelken<sup>1,2</sup>, Laura Tally<sup>1</sup>, Clare Schmidt<sup>1,2</sup>, Andrew Banal<sup>1,2</sup>, John Smethells<sup>2</sup>, Rachel Isaksson Vogel<sup>2</sup>, Mark LeSage<sup>1,2</sup>, <sup>1</sup>Minneapolis Medical Research Foundation, MN, USA, <sup>2</sup>University of Minnesota, MN, USA

**POS2-96****NEW GENERATION OF ENDS DELIVER HIGHER NICOTINE**  
*Iman Chaudhry<sup>\*</sup>, Noel Leigh, Maciej Goniewicz, Roswell Park Cancer Institute, NY, USA*



**POS2-97****CHARACTERISTICS AND DESIGN FEATURES OF POPULAR E-CIGARETTE BRANDS AVAILABLE ONLINE**

*Rima Nakkash\*, Nathalie Malek, Soha Talih, Rola Salman, Nareg Karaoghlanian, Rachel El-Hage, Tamara Loutfi, Rima Baalbaki, Najat Saliba, Alan Shihadeh, American University of Beirut, Lebanon*

**POS2-98****ASSESSING THE EFFICACY OF ANTI-NICOTINE MONOCLONAL ANTIBODIES THROUGH ESTIMATION OF SERUM ANTIBODY SATURATION IN VIVO**

*Michael Raleigh\*, Catherine Earley<sup>1</sup>, Yung Chang<sup>2</sup>, Paul Pen-  
tel<sup>1</sup>, <sup>1</sup>Minneapolis Medical Research Foundation, MN, USA,  
<sup>2</sup>Arizona State University - Tempe, AZ, USA*

**POS2-99****REAL-TIME ANALYSIS OF ORGANIC GAS-PHASE AND AEROSOL COMPONENTS OF E-CIGARETTES**

*Stephanie Buehler\*, Vladimir Mikheev<sup>1</sup>, Kandice Cross<sup>1</sup>,  
Patrick Callahan<sup>1</sup>, Robyn Kroeger<sup>1</sup>, Pamela Clark<sup>2</sup>, Sydney  
Gordon<sup>1</sup>, <sup>1</sup>Battelle, Columbus, OH, USA, <sup>2</sup>University of Mary-  
land College Park, MD, USA*

**POS2-100****COMPARING THE ABUSE LIABILITY OF AN E-CIGARETTE REFILL LIQUID AND NICOTINE ALONE USING A RODENT SELF-ADMINISTRATION MODEL**

*Mark LeSage\*, Mylissa Staley, Andrew Harris, Minneapolis  
Medical Research Foundation, MN, USA*

**POS2-101****BAC-CHAT-CRE MICE EXHIBIT ALTERED INTRAVENOUS NICOTINE SELF-ADMINISTRATION**

*Annalee Loeffler, James Fowler, Si Wang, Christie Fowler\*,  
University of California, Irvine, CA, USA*

**POS2-102****ORGANS INJURY INDUCED BY EXPOSURE OF MICE TO WATERPIPE SMOKE**

*Omar Khabour\*, Karem Alzoubi<sup>1</sup>, Thomas Eissenberg<sup>2</sup>, Alan  
Shihadeh<sup>3</sup>, <sup>1</sup>Jordan University of Science and Technology, Jor-  
dan, <sup>2</sup>Virginia Commonwealth University, VA, USA, <sup>3</sup>American  
University of Beirut, Lebanon*

**POS2-103****ASSOCIATION BETWEEN SMOKING DURING PREGNANCY AND LOW BIRTH WEIGHT IN MURES COUNTY, ROMANIA**

*Ion Georgescu\*, Monica Tarcea<sup>2</sup>, Claudiu Marginean<sup>1</sup>, Sep-  
timiu Voidazan<sup>3</sup>, Florina Ruta<sup>2</sup>, Kristie Foley<sup>4</sup>, Zoltan Abram<sup>5</sup>,  
<sup>1</sup>Department of Obstetrics and Gynecology I, County Emer-  
gency Hospital Tirgu-Mures, Romania, <sup>2</sup>Department of Com-  
munity Nutrition, University of Medicine and Pharmacy Tirgu-  
Mures, Romania, <sup>3</sup>Department of Epidemiology, University of  
Medicine and Pharmacy Tirgu-Mures, Romania, <sup>4</sup>Department  
of Social Sciences and Health Policy, Wake Forest School of  
Medicine, Winston-Salem, NC, USA, <sup>5</sup>Department of Hygiene,  
University of Medicine and Pharmacy Tirgu-Mures, Romania*

**POS2-104****PROINFLAMMATORY POTENTIAL OF ELECTRONIC CIGARETTE VAPOR COMPARED WITH CONVENTIONAL CIGARETTE SMOKE ON VASCULAR AND IMMUNE CELLS**

*Anthony Hage\*, Will Krause, Seth Kasten, Angela Pechota,  
Abhijit Ghosh, Jonathan Eliason, Section of Vascular Surgery,  
Department of Surgery, Jobst Vascular Research Laborato-  
ries, University of Michigan Medical School, MI, USA*

**POS2-105****HIGH CONTENT SCREENING ASSESSMENT OF NICOTINE TOXICITY IN PRIMARY HUMAN BRONCHIAL EPITHELIAL CELLS**

*Diego Marescotti, Stefano Acali, Carole Mathis, Stefan Frentzel, Julia Hoeng, Manuel Peitsch, Philip Morris International Research and Development, Switzerland*

**POS2-106****FORMALDEHYDE FROM DIFFERENT FORMAT ELECTRONIC CIGARETTES COMPARED TO THE WHO AIR GUIDELINE**

*Sandra Costigan\*, Johan Sommarstrom, Nicoventures, United Kingdom*

**POS2-107****THE USE OF MOBILE TOPOGRAPHY DEVICES TO CAPTURE REAL-WORLD E-CIGARETTE VAPING BEHAVIORS**

*Stephanie Buehler\*<sup>1</sup>, Courtney Granville<sup>1</sup>, Vladimir Mikheev<sup>1</sup>, Kandice Cross<sup>1</sup>, Laura Wilson<sup>1</sup>, Alex Ivanov<sup>1</sup>, Robyn Kroeger<sup>1</sup>, Sydney G<sup>1</sup>, Pamela Clark<sup>2</sup>, <sup>1</sup>Battelle, Columbus, OH, USA, <sup>2</sup>University of Maryland College Park, MD, USA*

**POS2-108****STANDARDIZED ELECTRONIC-CIGARETTE AEROSOL ALTERS GENOMIC STABILITY OF ORAL EPITHELIAL CELLS**

*Nicole Sabatelli<sup>1</sup>, Wojtek Tutak<sup>2</sup>, John Ondov<sup>1</sup>, Joshua Wilhide<sup>3</sup>, Ian Shaffer<sup>3</sup>, Jeffrey J. Kim\*<sup>2</sup>, <sup>1</sup>University of Maryland, College Park, MD, USA, <sup>2</sup>American Dental Association Foundation, MD, USA, <sup>3</sup>University of Maryland, Baltimore County, MD, USA (*

**POS2-109****ENDOGENOUS PITUITARY ADENYLYL CYCLASE ACTIVATING POLYPEPTIDE (PACAP) MAY REGULATE THE MOTIVATIONAL EFFECTS OF NICOTINE**

*Kabirullah Lutfy\*<sup>1</sup>, Andy Tseng<sup>2</sup>, Prableen Singh<sup>3</sup>, Paul Marquez<sup>3</sup>, Osman Farhad<sup>3</sup>, Abdul Hamid<sup>3</sup>, <sup>1</sup>Department of Pharmaceutical Sciences, College of Pharmacy, Western University of Health Sciences, Pomona, CA, USA, <sup>2</sup>UCRiverside, CA, USA, <sup>3</sup>WesternU, CA, USA*

**POS2-110****INTEROCEPTIVE PREDICTIONS AND POSITIVE ALLIES-THESIA IN NICOTINE ADDICTION**

*Jason Avery\*<sup>1</sup>, Kaiping Burrows<sup>1</sup>, Kara Kerr<sup>1,2</sup>, Sahib Khalsa<sup>1,2</sup>, Martin Paulus<sup>1</sup>, W. Kyle Simmons<sup>1,2</sup>, <sup>1</sup>Laureate Institute for Brain Research, OK, USA, <sup>2</sup>University of Tulsa, OK, USA*

**POS2-111****TOBACCO-SPECIFIC N-NITROSAMINES IN U.S. CIGARETTES: 'PER MG NICOTINE' YIELD VARIATIONS BY BRAND AND SMOKING MACHINE REGIMEN**

*Irina Stepanov\*, Katrina Yershova, Dorothy Hatsukami, University of Minnesota, MN, USA*

**POS2-112****SMOKING CARCINOGEN 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE (NNK), A NICOTINE DERIVATIVE, STIMULATES LUNG CANCER STEM CELLS TO INDUCE LUNG CANCER**

*George Chen, Department of Surgery, The Chinese University of Hong Kong, Prince of Wales Hospital, Shatin N.T., Hong Kong*

**POS2-113****ACTIVE AND PASSIVE SMOKING INCREASE EPITHELIAL NORMAL AND CANCER STEMNESS**

*Jimmy Manyanga\*, Vengatesh Ganapathy, The University of Oklahoma Health Sciences Center, OK, USA*

**POS2-114****GENOMIC BENCHMARK DOSE MODELING FOR TOBACCO PRODUCT TOXICITY THRESHOLDS**

Courtney Granville<sup>\*1</sup>, Kyle Fox<sup>1</sup>, David Friedenberg<sup>1</sup>, Jeremy Bellay<sup>1</sup>, Robyn Kroeger<sup>1</sup>, Nathaniel Johnson<sup>1</sup>, Seth Gibbs<sup>1</sup>, Sydney Gordon<sup>1</sup>, Pamela Clark<sup>2</sup>, <sup>1</sup>Battelle, OH, USA, <sup>2</sup>University of Maryland - College Park, OH, USA

**POS2-115****CHARACTERIZATION OF MOLECULAR CHANGES OCCURRING DURING LONG-TERM TREATMENT OF HUMAN BRONCHIAL EPITHELIAL CELLS WITH CIGARETTE SMOKE TOTAL PARTICULATE MATTER**

Marco van der Toorn, Diego Marescotti, Emmanuel Guedj, Alain Sewer, Manuel Peitsch, Julia Hoeng, Philip Morris International Research & Development, Philip Morris Products S.A., Neuchâtel, Switzerland

**POS2-116****CHEMICAL FINGERPRINTING OF TOBACCO AND RELATED PRODUCTS BY TD-GC-TOF MS**

Laura McGregor<sup>\*1</sup>, Chris Hall<sup>2</sup>, Bob Green<sup>1</sup>, Caroline Widdowson<sup>1</sup>, Nicola Watson<sup>3</sup>, <sup>1</sup>Markes International, United Kingdom, <sup>2</sup>Markes International Inc., OH, USA, <sup>3</sup>Markes International Inc., CA, USA

**POS2-117****NICOTINE ENHANCEMENT AND DEVALUATION: INTERACTION WITH OPIOID RECEPTORS**

Ari Kirshenbaum<sup>\*</sup>, Jesse Suhaka, Maiary Voltolini de Souza Pinto, Jessie Phillips, Saint Michael's College, VT, USA

**POS2-118****PREDICTING TOBACCO-USE BEHAVIORS MEASURED DURING A LABORATORY CHOICE PROCEDURE: THE EXTENSION AND REPLICATION OF CHOICE BEHAVIOR UNDER CUED CONDITIONS (CBUCC)**

Julie Gass<sup>\*</sup>, Stephen Tiffany, University at Buffalo, The State University of New York, NY, USA

**POS2-119****TIME TO GENERATE CRAVING ITEM RATINGS AS AN IMPLICIT MEASURE OF CRAVING PROCESSES: A REPLICATION STUDY AND EXPANDED VALIDATION**

Lisa Germeroth<sup>\*</sup>, Stephen Tiffany, University at Buffalo, The State University of New York, NY, USA

**POS2-120****NICOTINE ACTIVATES THE WNT/BETA CATENIN PATHWAY AND INCREASES THE STEMNESS OF HEAD AND NECK CANCER CELLS**

Basil Mathews<sup>\*</sup>, Jimmy Manyanga, Vengatesh Ganapathy, The University of Oklahoma Health Sciences Center, OK, USA

**POS2-121****ACUTE INTERACTING SEROTONERGIC-DOPAMINERGIC TREATMENTS FOR DECREASING NICOTINE SELF-ADMINISTRATION IN RAT**

Edward Levin<sup>\*</sup>, Brandon Hall, Susan Slade, Corinne Wells, Devon DiPalma, Janekia Evans, Sonum Tharwani, Blair Willette, Amir Rezvani, Duke University Medical Center, NC, USA

**POS2-122****THE IMPACT OF NICOTINE INHALERS AND STIMULUS EXPECTANCIES ON CIGARETTE CRAVING AND SELF-ADMINISTRATION IN SMOKERS THAT VARY IN THEIR QUIT INTENTIONS**

Hera Schlagintweit, Niamh Campbell, Sean Barrett<sup>\*</sup>, Dalhousie University, NS, Canada

**POS2-123****DEVELOPMENT AND FINDINGS FROM AN INSTRUMENT FOR RETAIL POINT OF SALE ASSESSMENT IN YOUTH-FREQUENTED LOCATIONS IN THAILAND**

*Pornpilai Siripachot<sup>1</sup>, Sirikanya Wongsuriyanan<sup>2</sup>, Stephen Hamann<sup>3</sup>, <sup>1</sup>Janokrong School, Pitsanulok, Thailand, <sup>2</sup>Sirikanya Community Clinic, Bangkok, Thailand, <sup>3</sup>Tobacco Control Research and Knowledge Management Center, Thailand*

**POS2-124****FACTORS RELATED TO MALE SMOKING BY MYNMAR MIGRANT FACTORY WORKERS IN THAILAND**

*Nan Khin Chaw<sup>1</sup>, Natkamol Chansatitporn, ScD<sup>2</sup>, Stephen Hamann, EdD<sup>3</sup>, <sup>1</sup>Mahidol University, Bangkok, Thailand, <sup>2</sup>Mahidol University Faculty of Public Health, Bangkok, Thailand, <sup>3</sup>Tobacco Control Research and Knowledge Management Center, Bangkok, Thailand*

**POS2-125****IMPROVING NICOTINE PATCH ADHERENCE AMONG LATINO HIV-POSITIVE SMOKERS: A PILOT RANDOMIZED CONTROLLED TRIAL**

*Joan Tucker<sup>\*1</sup>, William Shadel<sup>1</sup>, Frank Galvan<sup>2</sup>, Diana Naranjo<sup>1</sup>, Christian Lopez<sup>1</sup>, <sup>1</sup>RAND Corporation, CA, USA, <sup>2</sup>Bienestar Human Services, Inc., CA, USA*

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**POSTER SESSION  
3  
FRIDAY  
MARCH 4, 2016  
11:30 A.M.-1:00 P.M.**

Poster Session 3 • Friday, March 4, 2016 • 11:30 a.m.-1:00 p.m.

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### POSTER SESSION 3

9:30 a.m.-10:00 a.m. . . . . Presenters set up posters

11:30 a.m.-1:00 p.m. . . . . Poster Session 3  
**Presenters available at their poster**

1:00 p.m.-2:00 p.m. . . . . Presenters remove posters

#### POS3-1

#### INDICATORS OF DEPENDENCE FOR DIFFERENT TYPES OF TOBACCO PRODUCT USERS: DESCRIPTIVE FINDINGS FROM PATH

David Strong<sup>\*1</sup>, Ray Niaura<sup>\*2</sup>, Jennifer Pearson<sup>2</sup>, Sarah Ehleke<sup>2</sup>, Thomas Kirchner<sup>2</sup>, David Abrams<sup>2</sup>, Kristie Taylor<sup>3</sup>, Wilson Compton<sup>4</sup>, Kevin Conway<sup>4</sup>, Elizabeth Lambert<sup>4</sup>, <sup>1</sup>University of California, San Diego, CA, USA, <sup>2</sup>Legacy, Washington, DC, USA, <sup>3</sup>Westat, Rockville, MD, USA, <sup>4</sup>National Institute on Drug Abuse (NIDA/NIH), Bethesda, MD, USA

#### POS3-2

#### YOUTH ACCESS TO TOBACCO PRODUCTS IN THE UNITED STATES: FINDINGS FROM WAVE 1 (2013-2014) OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY

Susanne Tanski<sup>\*1,2</sup>, Jennifer Emond<sup>1</sup>, Cassandra Stanton<sup>3</sup>, Thomas Kirchner<sup>4</sup>, Tsz "Kelvin" Choi<sup>5</sup>, Ling Yang<sup>6</sup>, Chase Ryant<sup>6</sup>, Joelle Robinson<sup>6</sup>, Andrew Hyland<sup>7</sup>, <sup>1</sup>Geisel School of Medicine at Dartmouth, NH, USA, <sup>2</sup>Norris Cotton Cancer Center, NH, USA, <sup>3</sup>Westat and Georgetown University, MD, USA, <sup>4</sup>New York University, NY, USA, <sup>5</sup>National Institute on Minority Health and Health Disparities, MD, USA, <sup>6</sup>Food and Drug Administration, Center for Tobacco Products, MD, USA, <sup>7</sup>Roswell Park Cancer Center, NY, USA

#### POS3-3

#### YOUTH TOBACCO USE IN 2013/14: FINDINGS FROM THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, WAVE 1

Karin Kasza<sup>\*1</sup>, Kevin Conway<sup>2</sup>, Nicolette Borek<sup>3</sup>, Eva Sharma<sup>4</sup>, Maciej Goniewicz<sup>1</sup>, K. Michael Cummings<sup>5</sup>, Bridget Ambrose<sup>3</sup>, Wilson Compton<sup>2</sup>, Cathy Backinger<sup>3</sup>, Andrew Hyland<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>National Institute on Drug Abuse, MD, USA, <sup>3</sup>Office of Science, Center for Tobacco Products, Food and Drug Administration, MD, USA, <sup>4</sup>Westat, MD, USA, <sup>5</sup>Medical University of South Carolina, SC, USA

#### POS3-4

#### FREQUENCY OF E-CIGARETTE USE AND FACTORS ASSOCIATED WITH DAILY VS. NON-DAILY USE AMONG U.S. ADULTS: FINDINGS FROM WAVE 1 OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, 2013-2014

Blair Coleman<sup>\*1</sup>, Brian Rostron<sup>1</sup>, Bridget Ambrose<sup>1</sup>, Sarah Johnson<sup>1</sup>, Jennifer Pearson<sup>2</sup>, Baoguang Wang<sup>1</sup>, Kevin Conway<sup>3</sup>, Nicolette Borek<sup>1</sup>, Wilson Compton<sup>3</sup>, Andrew Hyland<sup>4</sup>, <sup>1</sup>US Food and Drug Administration, Center for Tobacco Products, MD, USA, <sup>2</sup>The Schroeder Institute for Tobacco Research and Policy Studies, Legacy, DC, USA, <sup>3</sup>National Institute on Drug Abuse, MD, USA, <sup>4</sup>Roswell Park Cancer Institute, NY, USA

Poster Session 3 • Friday, March 4, 2016 • 11:30 a.m.-1:00 p.m.

**POS3-5****AUDIENCE REACTIONS TO ANTISMOKING ADS AND ASSOCIATION WITH QUIT ATTEMPTS AMONG SMOKERS: EVIDENCE FROM THE TIPS FROM FORMER SMOKERS CAMPAIGN**

Kevin Davis<sup>\*1</sup>, Jennifer Duke<sup>1</sup>, Paul Shafer<sup>1</sup>, Deesha Patel<sup>2</sup>, Robert Rodes<sup>2</sup>, Diane Beistle<sup>2</sup>, <sup>1</sup>RTI International, NC, USA, <sup>2</sup>CDC, GA, USA

**POS3-6****PATTERNS IN AGE OF FIRST SMOKING AND DAILY SMOKING INITIATION AMONG YOUTH AND YOUNG ADULTS FROM 2002 TO 2013**

Jennifer Cantrell, DrPH, MPA<sup>\*1</sup>, Morgane Bennett, MPH<sup>1</sup>, Paul Mowery, MA<sup>2</sup>, James Xiao<sup>3</sup>, Jessica Rath, PhD<sup>1</sup>, Elizabeth Hair, PhD<sup>1</sup>, Donna Vallone, PhD, MPH<sup>4</sup>, <sup>1</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>2</sup>Biostatistics, Inc., GA, USA, <sup>3</sup>Truth Initiative, DC, USA, <sup>4</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University College of Global Public Health, DC, USA

**POS3-7****ARE WE MINDING THE GAP? AN EXAMINATION OF TRENDS IN TOBACCO DISPARITIES BY SOCIOECONOMIC STATUS IN MINNESOTA**

Raymond Boyle<sup>\*1</sup>, Joanne D'Silva<sup>1</sup>, Cassandra Stanton<sup>2,3</sup>, Charles Carusi<sup>2</sup>, Zhiquan Tang<sup>2</sup>, <sup>1</sup>ClearWay Minnesota, MN, USA, <sup>2</sup>Westat, MD, USA, <sup>3</sup>Georgetown University Medical Center, MD, USA

**POS3-8****GENDER DIFFERENCES IN SELF-REPORTED WITHDRAWAL AND ABSTINENCE FROM SMOKING THREE YEARS LATER: A PROSPECTIVE, LONGITUDINAL STUDY**

Christine Lee<sup>\*1</sup>, Jonathan Platt<sup>2</sup>, Jonathan Shuter<sup>3</sup>, Renee Goodwin<sup>4</sup>, Andrea Weinberger<sup>1</sup>, <sup>1</sup>Yeshiva University, NY, USA, <sup>2</sup>Columbia University, NY, USA, <sup>3</sup>Montefiore Medical Center and the Albert Einstein College of Medicine, NY, USA, <sup>4</sup>Columbia University and Queens College, NY, USA

**POS3-9****IMPACT OF ADVERTISING EXPOSURE FREQUENCY TO TRUTH AND ENGAGEMENT IN ANTISMOKING ACTIVITIES**

Jennifer Cantrell, DrPH, MPA<sup>\*1</sup>, Haijun Xiao, MS<sup>2</sup>, Valerie Williams, MA, MS<sup>2</sup>, Alexandria Smith, MSPH<sup>2</sup>, Jessica Rath, PhD, MPH<sup>1</sup>, Vinu Ilakkuvan, MSPH<sup>3</sup>, Elizabeth Hair, PhD<sup>1</sup>, Donna Vallone, PhD, MPH<sup>1</sup>, <sup>1</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>2</sup>Truth Initiative, DC, USA, <sup>3</sup>Truth Initiative, George Washington University Milken School of Public Health, DC, USA

**POS3-10****THE 2014 NATIONAL TIPS FROM FORMER SMOKERS CAMPAIGN: RESULTS FROM A LONGITUDINAL COHORT OF SMOKERS**

Deesha Patel<sup>\*1</sup>, Linda Neff<sup>1</sup>, Kevin Davis<sup>2</sup>, William Ridgeway<sup>2</sup>, Paul Shafer<sup>2</sup>, Shanna Cox<sup>1</sup>, <sup>1</sup>Centers for Disease Control and Prevention, GA, USA, <sup>2</sup>RTI International, NC, USA

**POS3-11****SYSTEMATIC REVIEW OF HEALTH COMMUNICATION FOR NON-CIGARETTE TOBACCO PRODUCTS: STATE OF THE LITERATURE**

Jennifer Cornacchione<sup>\*1</sup>, Seth Noar<sup>2</sup>, Erin Sutfin<sup>1</sup>, <sup>1</sup>Wake Forest School of Medicine, NC, USA, <sup>2</sup>University of North Carolina-Chapel Hill, NC, USA

**POS3-12****PERCEIVED EFFECTIVENESS OF CIGARETTE PACK CONSTITUENT DISCLOSURES: A RANDOMIZED EXPERIMENT**

Seth Noar\*, Dannielle Kelley, Marcella Boynton, Jennifer Morgan, Marissa Hall, Jennifer Mendel, Kurt Ribisl, Noel Brewer, University of North Carolina at Chapel Hill, NC, USA

**POS3-13****THE EFFECT OF ADVERSE CHILDHOOD EXPERIENCES ON ADULT SMOKING STATUS**

Alexandra Jones\*, Joseph Feinglass, Amanda Matthew, Northwestern University, Feinberg School of Medicine, IL, USA

**POS3-14****DIETARY INTAKES AMONG HEAVY VS. LIGHT SMOKERS FROM THE ALPHA-TOCOPHEROL, BETA-CAROTENE CANCER PREVENTION STUDY COHORT**

Mandeep Virk-Baker<sup>\*1</sup>, Stephanie Weinstein<sup>2</sup>, Mark Parascandola<sup>3</sup>, Demetrius Albanes<sup>2</sup>, <sup>1</sup>Cancer Prevention Fellow, Health Behaviors Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA, <sup>2</sup>Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, MD, USA, <sup>3</sup>Tobacco Control Research Branch, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, MD, USA

**POS3-15****TOBACCO-RELATED POISON EVENTS IN THE UNITED STATES, 2001-2013**

Baoguang Wang\*, Brian Rostron, Martha Engstrom, The United States Food and Drug Administration Center for Tobacco Products, MD, USA

**POS3-16****HEALTH RISKS ASSOCIATED WITH THE USE OF SMOKE-LESS TOBACCO PRODUCTS: ANALYSIS OF A NATIONALLY REPRESENTATIVE LINKED MORTALITY DATA SET**

Michael Fisher\*, Susan Tan-Torres, Mohamadi Sarkar, Altria Client Services, LLC, VA, USA

**POS3-17****DOES E-CIGARETTE USE INCREASE SHORT-TERM CIGARETTE SMOKING ABSTINENCE? RESULTS FROM A COHORT STUDY OF ADULT CIGARETTE SMOKERS IN THE UNITED STATES, 2014**

Ralph Caraballo<sup>\*1</sup>, Kevin Davis<sup>2</sup>, Paul Shafer<sup>3</sup>, Timothy McAfee<sup>4</sup>, Deesha Patel<sup>1</sup>, Shanna Cox<sup>1</sup>, <sup>1</sup>Centers for Disease Control & Prevention, GA, USA, <sup>2</sup>RTI International, NC, USA, <sup>3</sup>Contractor for RTI, NC, USA, <sup>4</sup>Centers for Disease Control & Prevention, WA, USA

**POS3-18****DEVELOPMENT OF THE FDA TOBACCO CREDIBILITY SCALE (FDA-TCS)**

Allison Schmidt<sup>\*1</sup>, Leah Ranney<sup>2</sup>, Seth Noar<sup>3</sup>, Adam Goldstein<sup>2</sup>, <sup>1</sup>University of North Carolina at Chapel Hill Gillings School of Global Public Health, NC, USA, <sup>2</sup>University of North Carolina at Chapel Hill School of Medicine, NC, USA, <sup>3</sup>University of North Carolina at Chapel Hill School of Media and Journalism, NC, USA

**POS3-19****WHAT IS BETTER FOR COMMUNICATION ABOUT CIGARETTE SMOKE CONSTITUENTS—HEALTH EFFECT OR “FOUND-IN” MESSAGE FRAMES?**

*Sabeeh Baig\*, M. Justin Byron, Marcella Boynton, Noel Brewer, Kurt Ribisl, Center for Regulatory Research on Tobacco Communication, UNC Lineberger Comprehensive Cancer Center, UNC Gillings School of Global Public Health, NC, USA*

**POS3-20****RECALL AND COGNITIVE AND AFFECTIVE REACTIONS TO FDA REAL COST ADS**

*Marcella Boynton\*, Kristen Jarman, Leah Ranney, Jewels Rhode, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA*

**POS3-21****POST-QUIT STRESS MEDIATES THE RELATION BETWEEN SOCIAL SUPPORT AND SMOKING CESSATION AMONG SOCIOECONOMICALLY DISADVANTAGED ADULTS**

*Frank Bandiera\*, Folefac Atem, Ping Ma, Michael Businelle, Darla Kendzor, University of Texas School of Public Health, TX, USA*

**POS3-22****E-CIGARETTE USERS' PERCEPTIONS OF E-CIGARETTE RISKS: A QUALITATIVE ANALYSIS**

*Meghan Nix\*, Kymberle Sterling, Georgia State University, GA, USA*

**POS3-23****MASS MEDIA CAMPAIGNS, QUIT ATTEMPTS, AND RISK OF RELAPSE: A LONGITUDINAL POPULATION BASED STUDY**

*Michael Chaiton\*<sup>1</sup>, Susan Bondy<sup>1</sup>, Joanna Cohen<sup>2</sup>, Robert Schwartz<sup>1</sup>, Peter Selby<sup>1</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA*

**POS3-24****POST-QUIT STRESS MEDIATES THE ASSOCIATION BETWEEN SUBJECTIVE SOCIAL STATUS AND SMOKING CESSATION AMONG SOCIOECONOMICALLY DISADVANTAGED SMOKERS MAKING A QUIT ATTEMPT**

*Ping Ma\*<sup>1</sup>, Darla Kendzor<sup>1</sup>, Lorraine Reitzel<sup>2</sup>, Michael Businelle<sup>1</sup>, <sup>1</sup>University of Texas School of Public Health, Dallas, TX, Department of Clinical Sciences, University of Texas Southwestern Medical Center, Dallas, TX, USA, <sup>2</sup>University of Houston, Houston, TX, USA*

**POS3-25****COMMUNITY CHARACTERISTICS MODERATE THE RELATIONSHIP BETWEEN PERSONAL READINESS TO QUIT AND SMOKING CESSATION AMONG TEENS**

*Kimberly Horn\*<sup>1</sup>, Steven Branstetter<sup>2</sup>, Tiffany Gray<sup>1</sup>, Mahlia Ali<sup>1</sup>, <sup>1</sup>Milken Institute School of Public Health at The George Washington University, DC, USA, <sup>2</sup>Pennsylvania State University, PA, USA*

**POS3-26****EVALUATING THE IMPACT OF SCHOOL-BASED TOBACCO INTERVENTIONS ON CHANGES TO SUSCEPTIBILITY TO FUTURE SMOKING AMONG NEVER-SMOKING YOUTH IN THE FIRST TWO WAVES OF THE COMPASS STUDY**

*Adam Cole\*, Wei Qian, Scott Leatherdale, University of Waterloo, ON, Canada*

**POS3-27****EXPANDING EVIDENCE-BASED TOBACCO CESSATION BRIEF INTERVENTION TRAINING INTO COMPLEMENTARY AND ALTERNATIVE SYSTEMS OF CARE: RESULTS OF A PRACTICE-BASED TRIAL**

*Myra Muramoto\*, Judith Gordon, Lysbeth Floden, Amy Howerter, Melanie Bell, Mark Nichter, Cheryl Ritenbaugh, University of Arizona, AZ, USA*

**POS3-28****STUDIES OF SMOKING AMONG U.S. VETERANS FROM 1994 TO 2014: NUMBER AND TYPES OF PUBLICATIONS**

*Kate Segal\*, Alyssa Burns<sup>1</sup>, Sandra Rodgin<sup>1</sup>, Hannah Esan<sup>1</sup>, Marcia Hunt<sup>2</sup>, Rani Hoff<sup>2</sup>, Andrea Weinberger<sup>1</sup>, <sup>1</sup>Yeshiva University, NY, USA, <sup>2</sup>Yale University School of Medicine, VISN 1 Mental Illness Research Education and Clinical Care Center, CT, USA*

**POS3-29****A BASELINE COMPARISON OF SURVEY MODE-PHONE VERSUS WEB: RESULTS FROM THE 2014-2015 INTERNATIONAL TOBACCO CONTROL SURVEY IN THE U.S.**

*Georges Nahhas\*, Brian Fix<sup>2</sup>, Mary Thompson<sup>3</sup>, Andrew Hyland<sup>2</sup>, Mike Cummings<sup>1</sup>, <sup>1</sup>Medical University of South Carolina, SC, USA, <sup>2</sup>Roswell Park Cancer Institute, NY, USA, <sup>3</sup>University of Waterloo, ON, Canada*

**POS3-30****PUBLIC HOUSING RESIDENCY REDUCES PROTECTIVE EFFECT OF COLLEGE EDUCATION AGAINST CURRENT SMOKING**

*Andrew Plunk\*, Paul Harrell, Eastern Virginia Medical School, VA, USA*

**POS3-31****RATES AND CORRELATES OF TOBACCO CESSATION SERVICE USE BY VETERANS WITH POSTTRAUMATIC STRESS DISORDER: A REVIEW OF NATIONAL VHA ADMINISTRATIVE DATA**

*Megan Kelly\*, Yves-Martine Dumas<sup>2</sup>, Robert Rosenheck<sup>3</sup>, <sup>1</sup>Edith Nourse Rogers Memorial Veterans Hospital, University of Massachusetts Medical School, MA, USA, <sup>2</sup>Edith Nourse Rogers Memorial Veterans Hospital, MA, USA, <sup>3</sup>VA Connecticut Healthcare System, Yale University School of Medicine, CT, USA*

**POS3-32****PSYCHOMETRIC EVALUATION AND CROSS-CULTURAL VALIDATION OF THE PERCEIVED RISK INSTRUMENT (PRI) TO MEASURE PERCEIVED RISKS ASSOCIATED WITH THE USE OF TOBACCO AND NICOTINE-CONTAINING PRODUCTS**

*Christelle Chrea\*, Gerard Emilien<sup>1</sup>, Thomas Salzberger<sup>2</sup>, Stefan Cano<sup>3</sup>, Tom Alfieri<sup>4</sup>, Nelly Mainy<sup>1</sup>, Antonio Ramazzotti<sup>5</sup>, Rolf Weitkunat<sup>6</sup>, Frank Ludicke<sup>6</sup>, <sup>1</sup>Philip Morris Products S.A., Switzerland, <sup>2</sup>University of Economics and Business, Vienna, Switzerland, <sup>3</sup>Scale Report, Switzerland, <sup>4</sup>Covance Market Access Inc, CA, USA, <sup>5</sup>Philip Morris S.A. Market Research & Innovation, Switzerland, <sup>6</sup>Philip Morris S.A., Switzerland*

**POS3-33****ESTABLISHING CROSSWALKS BETWEEN THREE LEGACY MEASURES OF NICOTINE DEPENDENCE AND THE RECENTLY DEVELOPED PROMIS NICOTINE DEPENDENCE ITEM BANK**

*Maria Edelen\*, Mark Hansen<sup>2</sup>, Li Cai<sup>2</sup>, Megan Kuhfeld<sup>2</sup>, Brian Stucky<sup>3</sup>, <sup>1</sup>RAND Corporation, MA, USA, <sup>2</sup>University of California, Los Angeles, CA, USA, <sup>3</sup>RAND Corporation, CA, USA*

**POS3-34****ARE THERE DIFFERENT TYPES OF SMOKERS WHO ARE NOT MOTIVATED TO QUIT? RESULTS FROM A LATENT CLASS ANALYSIS**

*Belinda Borrelli<sup>\*1</sup>, Sheila Gaynor<sup>2</sup>, Erin Tooley<sup>3</sup>, Kiera Bartlett<sup>4</sup>,  
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**POS3-35****SMOKERS HAVE A HARDER TIME FINDING WORK: RESULTS FROM A ONE-YEAR PROSPECTIVE STUDY**

*Judith Prochaska<sup>\*1</sup>, Anne Michalek<sup>1</sup>, Cati Brown-Johnson<sup>1</sup>, Amy Rogers<sup>2</sup>, Timothy McClain<sup>3</sup>, Mia Grigg<sup>4</sup>, Richard Johnson<sup>5</sup>,  
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**POS3-36****TRANSITIONS IN LATENT PATTERNS OF USE AND CO-USE OF FIVE TOBACCO PRODUCTS AMONG ADOLESCENTS**

*Jimi Huh<sup>\*</sup>, Adam Leventhal, University of Southern California, CA, USA*

**POS3-37****REGIONAL DIFFERENCES ON TOBACCO RELATED ATTITUDES AND TRUTH AWARENESS**

*Jessica Rath<sup>\*1</sup>, Elizabeth Hair<sup>1</sup>, Lindsay Pitzer<sup>2</sup>, Alexandria Smith<sup>2</sup>, Jennifer Cantrell<sup>1</sup>, Donna Vallone<sup>3</sup>,  
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**POS3-38****RETAIL MARKETING CLAIMS IN TOBACCO AND E-CIGARETTE SHOPS**

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<sup>1</sup>California State University, Fullerton, CA, USA, <sup>2</sup>University of California, Irvine, CA, USA*

**POS3-39****USING MARKERS OF NEIGHBORHOOD STABILITY TO EXPLAIN DISPARITIES IN TOBACCO RETAILER DENSITY: EVIDENCE FROM A U.S. STUDY**

*Joseph Lee<sup>\*1</sup>, Nina Schleicher<sup>2</sup>, Dennis Sun<sup>2</sup>, Kurt Ribis<sup>3</sup>, Douglas Luke<sup>4</sup>, Lisa Henriksen<sup>2</sup>,  
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**POS3-40****DO TARGETED OUTREACH METHODS INCREASE SMOKERS' RE-ENGAGEMENT IN QUITLINE SERVICES? RESULTS FROM A RANDOMIZED QUALITY IMPROVEMENT PROJECT**

*Katrina Vickerman<sup>\*1</sup>, Stacey Mahuna-Brantner<sup>1</sup>, Paula Keller<sup>2</sup>, Marietta Dreher<sup>2</sup>, Barbara Schillo<sup>2</sup>,  
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**POS3-41****LIGHT SMOKING AMONG COLLEGE STUDENTS: A POTENTIAL GATEWAY TO RISKY SOCIAL CONTEXTS AND ALTERNATIVE TOBACCO USE**

Xiaoyin Li<sup>\*1</sup>, Alexandra Loukas<sup>1</sup>, Cheryl Perry<sup>2</sup>, <sup>1</sup>The University of Texas at Austin, TX, USA, <sup>2</sup>The University of Texas Health Science Center at Houston, School of Public Health - Austin Regional Campus, TX, USA

**POS3-42****DO E-CIGARETTES SUBSTITUTE FOR CIGARETTES OR ADD TO THE PREVALENCE OF ADOLESCENT TOBACCO PRODUCT USE? INSIGHTS FROM TWO DECADES OF SOUTHERN CALIFORNIA STUDIES**

Jessica Barrington-Trimis<sup>\*</sup>, Robert Urman, Adam Leventhal, W. James Gauderman, Tess Boley Cruz, Tamika Gilreath, Jennifer Unger, Kiros Berhane, Jonathan Samet, Rob McConnell, University of Southern California, CA, USA

**POS3-43****ILLUSTRATING THE CHANGING TOBACCO LANDSCAPE: RISK CHARACTERIZATIONS OF YOUTH SINGLE, DUAL, AND POLY TOBACCO USERS**

Kimberly Horn<sup>\*</sup>, Maliha Ali, Laurel Curry, Tiffany Gray, Diane Martinez, Milken Institute School of Public Health at George Washington University, DC, USA

**POS3-44****IMPACT OF FLAVORS IN TOBACCO PRODUCTS ON PERCEPTION AND USE BEHAVIORS: A SYSTEMATIC REVIEW**

Li-Ling Huang<sup>\*</sup>, Clare Meernik, Hannah Baker, Leah Ranney, Amanda Richardson, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA

**POS3-45****A MODEL OF PARENTAL INFLUENCES ON ADOLESCENT SMOKING IN THE U.S. POPULATION**

Denise Kandel<sup>\*1,2,3</sup>, Mei-Chen Hu<sup>1</sup>, Pamela Griesler<sup>1,2</sup>, <sup>1</sup>Department of Psychiatry, Columbia University, NJ, USA, <sup>2</sup>New York State Psychiatric Institute, NJ, USA, <sup>3</sup>Mailman School of Public Health, Columbia University, NY, USA

**POS3-46****EXAMINING COMPLEXITY IN YOUTH USE OF E-CIGARETTES AND OTHER TOBACCO PRODUCTS**

Youn Ok Lee<sup>\*1</sup>, Anna MacMonegle<sup>1</sup>, Jennifer Duke<sup>1</sup>, Lauren Porter<sup>2</sup>, <sup>1</sup>RTI International, NC, USA, <sup>2</sup>The Bureau of Tobacco Free Florida, FL, USA

**POS3-47****PREDICTORS OF ADOLESCENTS' FIRST TOBACCO PRODUCT AND ASSOCIATIONS WITH CURRENT TOBACCO USE**

Jennifer Cornacchione<sup>\*1</sup>, Cynthia Suerken<sup>1</sup>, Kimberly Wiseman<sup>1</sup>, Seth Noar<sup>2</sup>, Kimberly Wagoner<sup>1</sup>, Erin Sutfin<sup>1</sup>, <sup>1</sup>Wake Forest School of Medicine, NC, USA, <sup>2</sup>University of North Carolina-Chapel Hill, NC, USA

**POS3-48****EMPIRICALLY-DRIVEN LATENT CLASSES OF "SOCIAL SMOKERS" IN U.S. YOUNG ADULTS**

Amanda Johnson, MHS<sup>1</sup>, Jessica Rath, PhD MPH<sup>2,3</sup>, Valerie Williams, MA, MS<sup>3</sup>, Donna Vallone, PhD MPH<sup>2,3,4</sup>, David Abrams, PhD<sup>1,2,5</sup>, Donald Hedeker, PhD<sup>6</sup>, Robin Mermelstein, PhD<sup>7</sup>, <sup>1</sup>The Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, <sup>2</sup>Johns Hopkins Bloomberg School of Public Health, <sup>3</sup>Truth Initiative, DC, USA, <sup>4</sup>Global Institute of Public Health, New York University, DC, USA, <sup>5</sup>Georgetown University Medical Center, Lombard Com-



*prehensive Medical Center, DC, USA, <sup>6</sup>University of Chicago, IL, USA, <sup>7</sup>University of Illinois at Chicago, IL, USA*

**POS3-49****ASSESSING REAL-WORLD EXPOSURE TO DIGITAL VIDEO ADVERTISING FROM A NATIONAL TOBACCO EDUCATION CAMPAIGN**

*Kevin Davis<sup>1</sup>, Deesha Patel<sup>\*2</sup>, Paul Shafer<sup>1</sup>, Robert Rodes<sup>2</sup>, Tim McAfee<sup>2</sup>, William Ridgeway<sup>1</sup>, Shanna Cox<sup>2</sup>, Diane Beistle<sup>2</sup>, Annice Kim<sup>1</sup>, Jamie Guillory<sup>1</sup>, <sup>1</sup>RTI International, NC, USA, <sup>2</sup>CDC, GA, USA*

**POS3-50****IMPACT OF STANDARDISED PACKAGING RELATIVE TO A TOBACCO PRICE INCREASE: RESULTS OF TWO EXPERIMENTS**

*Janet Hoek<sup>\*1</sup>, Philip Gendall<sup>1</sup>, Christine Eckert<sup>2</sup>, Tessa Farley<sup>1</sup>, Jordan Louviere<sup>3</sup>, Nick Wilson<sup>4</sup>, Richard Edwards<sup>4</sup>, <sup>1</sup>University of Otago - Dunedin, New Zealand, <sup>2</sup>University of Technology Sydney, Australia, <sup>3</sup>University of South Australia, Australia, <sup>4</sup>University of Otago - Wellington, New Zealand*

**POS3-51****UNDERSTANDING THE SPATIAL RELATIONSHIP BETWEEN TOBACCO RETAILERS AND SCHOOLS**

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**POS3-52****U.S. ADULT PERCEPTIONS OF THE HARMFULNESS OF TOBACCO PRODUCTS: DESCRIPTIVE FINDINGS FROM WAVE 1 OF THE PATH STUDY, 2013-14**

*Geoffrey Fong<sup>\*1,2</sup>, Tara Elton-Marshall<sup>3</sup>, Pete Driezen<sup>1</sup>, Annette Kaufman<sup>4</sup>, K Michael Cummings<sup>5</sup>, Kelvin Choi<sup>6</sup>, Jonathan Kwan<sup>7</sup>, Amber Koblit<sup>7</sup>, Andrew Hyland<sup>8</sup>, Maansi Bansal-Travers<sup>8</sup>, <sup>1</sup>University of Waterloo, Waterloo, Ontario, Canada, <sup>2</sup>Ontario Institute for Cancer Research, Toronto, Ontario, Canada, <sup>3</sup>Centre for Addiction and Mental Health, London, Ontario, Canada, <sup>4</sup>University of Toronto, Toronto, Ontario, Canada, <sup>5</sup>Western University, London, Ontario, Canada, <sup>6</sup>National Cancer Institute, National Institutes of Health, Rockville, MD, USA, <sup>7</sup>Medical University of South Carolina, Charleston, SC, USA, <sup>8</sup>National Institute on Minority Health and Health Disparities, Bethesda, MD, USA, <sup>9</sup>United States Food and Drug Administration, Center for Tobacco Products, Silver Spring, MD, USA, <sup>10</sup>Roswell Park Cancer Institute, Buffalo, NY, USA*

**POS3-53****CO-OCCURRENCE OF TOBACCO USE, SUBSTANCE USE, AND SYMPTOMS OF MENTAL HEALTH PROBLEMS AMONG YOUTH: FINDINGS FROM WAVE 1 OF THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY**

*Kevin Conway<sup>\*1</sup>, Victoria Green<sup>2</sup>, Karin Kasza<sup>3</sup>, Marushka Silveira<sup>2</sup>, Nicolette Borek<sup>4</sup>, James Sargent<sup>5</sup>, Cassandra Stanton<sup>6</sup>, Chad Reissig<sup>4</sup>, Andrew Hyland<sup>3</sup>, Wilson Compton<sup>1</sup>, <sup>1</sup>National Institute on Drug Abuse, MD, USA, <sup>2</sup>Kelly Government Solutions, DC, USA, <sup>3</sup>Roswell Park Cancer Institute, NY, USA, <sup>4</sup>Food and Drug Administration, MD, USA, <sup>5</sup>Dartmouth University, NH, USA, <sup>6</sup>Westat, MD, USA*

**POS3-54****A QUALITATIVE ANALYSIS OF SMOKEFREE MESSAGES TARGETTING LGBA SMOKERS**

*Catherine Hinder, University of Otago, Dunedin, New Zealand*

**POS3-55****CAN A SMARTPHONE GAME FOR TOBACCO ADDICTION BE USED FOR SMOKING CESSATION IN AN AMERICAN SETTING?**

*Elizabeth Edwards\*<sup>1</sup>, Carol Ripley-Moffitt<sup>2</sup>, Anna McCullough<sup>2</sup>, Carol Rivas<sup>3</sup>, Maia Szulik<sup>2</sup>, Liz Steed<sup>1</sup>, Ratna Sohanpal<sup>1</sup>, Hope Caton<sup>4</sup>, Adam Goldstein<sup>2</sup>, Robert Walton<sup>1</sup>, <sup>1</sup>Bart's and The London School of Medicine and Dentistry, United Kingdom, <sup>2</sup>University of North Carolina, School of Medicine, NC, USA, <sup>3</sup>University of Southampton, United Kingdom, <sup>4</sup>Kingston University, United Kingdom*

**POS3-56****ANALYSIS OF U.S. NEWSPAPER COVERAGE OF TOBACCO CONTROL POLICIES AFFECTING THE RETAIL ENVIRONMENT, 2007-2014**

*Kurt Ribisl<sup>1</sup>, Sarah Moreland-Russell<sup>2</sup>, Lytle Leslie<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>Washington University in St. Louis, MO, USA*

**POS3-57****COULD ANNOUNCING A BAN ON TOBACCO USE ON CAMPUS REDUCE STUDENTS' PERCEIVED ORGANIZATIONAL SUPPORT FROM THE UNIVERSITY?**

*Joseph Lee\*<sup>1</sup>, Beth Chaney<sup>1</sup>, Amanda Fallin<sup>2</sup>, <sup>1</sup>East Carolina University, NC, USA, <sup>2</sup>University of Kentucky, KY, USA*

**POS3-58****SEXUAL IDENTITY AND AWARENESS OF A NATIONAL ANTI-TOBACCO CAMPAIGN**

*Elizabeth Hair, PhD<sup>1</sup>, Donna Vallone, Ph.D., MPH<sup>2</sup>, Jessica Rath, Ph.D., MPH<sup>1</sup>, Jennifer Cantrell, Dr.PH, MPA<sup>1</sup>, Valerie Williams, MA, MS<sup>3</sup>, <sup>1</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>2</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University, DC, USA, <sup>3</sup>Truth Initiative, DC, USA*

**POS3-59****TESTING ANTI-TOBACCO MEDIA MESSAGES: HOW PREDICTIVE IS PRE-MARKET DATA FOR IN-MARKET EFFECTIVENESS?**

*Jessica Rath\*<sup>1</sup>, Ollie Ganz<sup>2</sup>, Elizabeth Hair<sup>1</sup>, Haijun Xiao<sup>3</sup>, Jennifer Cantrell<sup>1</sup>, Donna Vallone<sup>4</sup>, <sup>1</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>2</sup>Truth Initiative, George Washington University Milken School of Public Health, DC, USA, <sup>3</sup>Truth Initiative, DC, USA, <sup>4</sup>Truth Initiative, College of Global Public Health New York University, DC, USA*

**POS3-61****LESSONS LEARNED FROM A SPANISH SMOKING CESSATION WEBSITE**

*Emily Grenen<sup>1</sup>, Brian Keefe<sup>1</sup>, Kara Wiseman\*<sup>2</sup>, Kisha Coa<sup>1</sup>, Meredith Grady<sup>2</sup>, Erik Augustson<sup>2</sup>, <sup>1</sup>ICF International, MD, USA, <sup>2</sup>National Cancer Institute, MD, USA*

**POS3-62****PLAIN PACKAGING IMPLEMENTATION: PERCEPTIONS OF RISK AND PRESTIGE OF CIGARETTE BRANDS AMONG ABORIGINAL AND TORRES STRAIT ISLANDER PEOPLE**

*Raglan Maddox\*<sup>1</sup>, Sarah Durkin<sup>2</sup>, Raymond Lovett<sup>3</sup>, <sup>1</sup>St Michael's Hospital, Australia, <sup>2</sup>The Cancer Council Victoria, Australia, <sup>3</sup>Australian National University, Australia*

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**POS3-63****ELECTRONIC CIGARETTE ADVERTISING: DATA ON ADVERTISING EXPENDITURES OVER TIME**

*Brittany Emelle, BS, CHES\*<sup>1</sup>, Ollie Ganz, MSPH<sup>1</sup>, Jennifer Cantrell, DrPH, MPA<sup>2</sup>, Elizabeth Hair, PhD<sup>2</sup>, Donna Vallone, PhD, MPH<sup>3</sup>, <sup>1</sup>Truth Initiative, George Washington University Milken Institute of Public Health, DC, USA, <sup>2</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>3</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, New York University, DC, USA*

**POS3-64****OLDER YOUNG ADULTS AS A SECONDARY AUDIENCE FOR THE TRUTH CAMPAIGN**

*Jessica Rath\*<sup>1</sup>, Elizabeth Hair<sup>1</sup>, Amanda Johnson<sup>2</sup>, Andrea Villanti<sup>1</sup>, Valerie Williams<sup>2</sup>, Donna Vallone<sup>3</sup>, <sup>1</sup>Truth Initiative, Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>2</sup>Truth Initiative, DC, USA, <sup>3</sup>Truth Initiative, New York University College of Global Public Health, DC, USA*

**POS3-65****USING CELEBRITIES IN SOCIAL MEDIA MARKETING: EVALUATING RESPONSES TO TRUTH® 'LEFTSWIPEDAT' AND 'UNPAID SPOKESPERSON' ADS ON TWITTER**

*Kari Peterson\*<sup>1</sup>, Glen Sczycypka<sup>1</sup>, Vinu Ilakkuvan<sup>2</sup>, Elizabeth Hair<sup>2</sup>, Donna Vallone<sup>2</sup>, Sherry Emery<sup>1</sup>, <sup>1</sup>University of Illinois Institute for Health Research and Policy, IL, USA, <sup>2</sup>Legacy for Health, DC, USA*

**POS3-66****SMOKING SELFIES: USING INSTAGRAM TO EXAMINE SMOKING BEHAVIOR**

*Glen Sczycypka\*<sup>1</sup>, Daniel Cortese<sup>2</sup>, Shuai Wang<sup>1</sup>, Vinu Ilakkuvan<sup>3</sup>, Elizabeth Hair<sup>3</sup>, Donna Vallone<sup>3</sup>, Sherry Emery<sup>4</sup>, <sup>1</sup>University of Illinois at Chicago, IL, USA, <sup>2</sup>Governors State University, IL, USA, <sup>3</sup>Legacy for Health, DC, USA, <sup>4</sup>University of Illinois, IL, USA*

**POS3-67****THE ADDITIVE IMPACT OF TIPS AND FREE STATE-BASED NRT TO MAXIMIZE STATE QUITLINE CALL VOLUME**

*Anna McCullough\*<sup>1</sup>, Clare Meernik<sup>1</sup>, Joyce Swetlick<sup>2</sup>, Ann Staples<sup>2</sup>, Adam Goldstein<sup>1</sup>, Leah Ranney<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>North Carolina Department of Health and Human Services, NC, USA*

**POS3-68****IDENTIFYING WAYS TO BOLSTER SUPPORT FOR ANTI-SMOKING CAMPAIGNS FOR VULNERABLE POPULATIONS**

*Sabeeh Baig\*<sup>1</sup>, Jessica Pepper, Jennifer Morgan, Noel Brewer, Center for Regulatory Research on Tobacco Communication, UNC Lineberger Comprehensive Cancer Center, UNC Gillings School of Global Public Health, NC, USA*

**POS3-69****DELIVERING PERSONALIZED ON-DEMAND CESSATION CONTENT: THE MYSMOKEFREE DASHBOARD EXPERIENCE**

*Brian Keefe<sup>1</sup>, Josh Delung<sup>1</sup>, Jillian Pugatch<sup>1</sup>, Jessica Havlak\*<sup>1</sup>, Kisha Coa<sup>1</sup>, Meredith Grady<sup>2</sup>, Kara Wiseman<sup>2</sup>, Erik Augustson<sup>2</sup>, <sup>1</sup>ICF International, MD, USA, <sup>2</sup>National Cancer Institute, MD, USA*

**POS3-70****ENGAGING SMOKERS TO IMPROVE SMOKING CESSATION OUTCOMES: QUIT AND STAY QUIT MONDAY**

*Joanna Cohen\*<sup>1</sup>, Elaine De Leon<sup>1</sup>, Norah Crossnohere<sup>1</sup>, Laura Fuentes<sup>1</sup>, Morgan Johnson<sup>2</sup>, <sup>1</sup>Johns Hopkins Bloomberg*



*School of Public Health, MD, USA, <sup>2</sup>The Monday Campaigns, NY, USA*

**POS3-71**

**EXPOSURE TO “REAL COST” TV ADS IS SPECIFICALLY ASSOCIATED WITH CAMPAIGN-TARGETED BELIEFS**

*Elissa Kranzler\*, Robert Hornik, Laura Gibson, Annenberg School for Communication, University of Pennsylvania, PA, USA*

**POS3-72**

**E-CIGARETTE MARKETING AND YOUTH INTENTIONS TO USE E-CIGARETTES AMONG YOUTH LEAST SUSCEPTIBLE TO TOBACCO**

*Laura Gibson\*, Robert Hornik, University of Pennsylvania, PA, USA*

**POS3-73**

**TOBACCO 101: THE DEVELOPMENT AND PILOT OF AN ONLINE TOBACCO PREVENTION CURRICULUM FOR COLLEGE STUDENTS**

*Emily Hébert\*, José Medina, Cheryl Perry<sup>1</sup>, Melissa Harrell<sup>1</sup>, <sup>1</sup>University of Texas Health Science Center, School of Public Health, Austin Regional Campus, TX, USA,*

**POS3-74**

**IMPACT OF THE REAL COST CAMPAIGN ON ADOLESCENTS' RECALL, ATTITUDES, AND RISK PERCEPTIONS ABOUT TOBACCO USE: A NATIONAL STUDY**

*Li-Ling Huang\*, Jessica Pepper, Seth Noar, Leah Ranney, Thad Benefield, Adam Goldstein, University of North Carolina at Chapel Hill, NC, USA*

**POS3-75**

**DOES EMPHASIZING THE HARMFUL CHEMICALS IN CIGARETTE SMOKE INCREASE SMOKERS' INTEREST IN SWITCHING TO ORGANIC, NATURAL, AND ADDITIVE-FREE CIGARETTES?**

*M. Justin Byron\*, Sabeeh Baig, Jessica Pepper, Noel Brewer, Lineberger Comprehensive Cancer Center and Gillings School of Global Public Health, University of North Carolina at Chapel Hill, NC, USA*

**POS3-76**

**SOCIAL MEDIA ON E-CIGARETTE CESSATION AID EFFECTIVENESS**

*Robert Schwartz\*, Jan van der Tempel, Aliya Noormohamed, Cameron Norman, Muhannad Malas, University of Toronto, ON, Canada*

**POS3-77**

**EYE TRACKING THE REAL COST CAMPAIGN: ARE SUSCEPTIBLE YOUTH SEEING WHAT WE WANT THEM TO SEE?**

*Leah Ranney\*, Kristen Jarman<sup>2</sup>, Clare Meernik<sup>1</sup>, Liling Huang<sup>2</sup>, Jeanette Porter<sup>2</sup>, Laura Ruel<sup>3</sup>, Spencer Barnes<sup>3</sup>, Seth Noar<sup>3</sup>, Adam Goldstein<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, Department of Family Medicine, NC, USA, <sup>2</sup>University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, NC, USA, <sup>3</sup>University of North Carolina at Chapel Hill, School of Media and Journalism, NC, USA*

**POS3-78**

**YOUNG ADULTS' TOBACCO USE AND EXPOSURE TO TOBACCO MARKETING IN BARS**

*Keryn Pasch\*, Alexandra Loukas<sup>2</sup>, Cheryl Perry<sup>1</sup>, <sup>1</sup>University of Texas Health Science Center, TX, USA, <sup>2</sup>University of Texas at Austin, TX, USA*

Poster Session 3 • Friday, March 4, 2016 • 11:30 a.m.-1:00 p.m.

**POS3-79****MINNESOTA MEDICAL STUDENTS' ATTITUDES AND EXPERIENCES WITH E-CIGARETTES, 2015**

Sharon Allen<sup>1</sup>, Kola Okuyemi<sup>1</sup>, Ellen Parker<sup>2</sup>, David Power<sup>1</sup>,  
<sup>1</sup>University of Minnesota Medical School, MN, USA, <sup>2</sup>Twin Cities Medical Society, MN, USA

**POS3-80****SELF-EVALUATION OF TOBACCO EXPOSURE BY ALLIED HEALTH STUDENTS IN A COMMUNITY COLLEGE ENVIRONMENT**

Fiona Geiser\*, Meredith Much, Thomas Furmanak, Delaware County Community College, PA, USA

**POS3-81****"MAY I BUY A PACK OF MARLBOROS, PLEASE?" A SYSTEMATIC REVIEW OF EVIDENCE TO IMPROVE THE VALIDITY AND IMPACT OF YOUTH UNDERCOVER BUY INSPECTIONS**

Joseph Lee<sup>\*1</sup>, Kyle Gregory<sup>2</sup>, Hannah Baker<sup>3</sup>, Leah Ranney<sup>3</sup>, Adam Goldstein<sup>3</sup>, <sup>1</sup>East Carolina University, NC, USA, <sup>2</sup>Georgia State University, GA, USA, <sup>3</sup>University of North Carolina at Chapel Hill, NC, USA

**POS3-82****LEARNING FROM THE EVALUATION OF ONTARIO'S WORKPLACE-BASED CESSATION DEMONSTRATION PROJECTS**

Pamela Kaufman\*, Tracey Borland, Rita Luk, Emily Taylor, Robert Schwartz, University of Toronto, ON, Canada

**POS3-83****NO MENTHOL SUNDAY: ENGAGING FAITH LEADERS TO RAISE AWARENESS AND MOTIVATE ACTION ON MENTHOLATED TOBACCO**

Sterling Fulton<sup>\*1</sup>, Anna McCullough<sup>1</sup>, Hannah Baker<sup>1</sup>, Delmonte Jefferson<sup>2</sup>, Channnte Keith<sup>2</sup>, Leah Ranney<sup>1</sup>, Adam Goldstein<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>National African American Tobacco Prevention Network, NC, USA

**POS3-84****CAN A USER NEED BASED AND USER DRIVEN APPROACH OF EDUCATING RURAL POPULATIONS IN INDIA HELP THEM TO QUIT THE USE OF SMOKELESS TOBACCO (SLT)?**

Mira Agni\*, Healix Sekhsaria Institute of Public Health, India

**POS3-85****CREATING SMOKE-FREE HOMES FOR INFANTS AND INCREASING QUITTING AMONG FATHERS THROUGH EDUCATION AND MHEALTH INTERVENTIONS IN CHANGCHUN, CHINA: A PROSPECTIVE, RANDOMIZED, CONTROLLED COHORT STUDY**

Erik Augustson<sup>1</sup>, Pamela Redmon<sup>\*2</sup>, Yixin Duan<sup>2</sup>, Zongshuan Duan<sup>2</sup>, Jeffrey Koplan<sup>3</sup>, <sup>1</sup>National Cancer Institute, MD, USA, <sup>2</sup>Georgia State University, GA, USA, <sup>3</sup>Emory University, GA, USA

**POS3-86****THE NEED FOR ADOLESCENT TOBACCO CESSATION TOOLS AND TRAINING AMONG MISSOURI SCHOOL NURSES**

Kevin Everett, University of Missouri, MO, USA

**POS3-88****DOES E-CIGARETTE USE AT BASELINE INFLUENCE CESSATION RATES AMONGST COMMUNITY COLLEGE STUDENTS? PRELIMINARY FINDINGS FROM THE WATI STUDY**

*Erika Snow\*, Tye Johnson, Deborah Ossip, Scott McIntosh, University of Rochester Medical Center, NY, USA*

**POS3-89****PREDICTORS OF BIOCHEMICALLY-VERIFIED ABSTINENCE FROM SMOKING IN A NATIONAL SAMPLE OF COMMUNITY COLLEGE SMOKERS**

*George Asham<sup>1</sup>, Tye Johnson<sup>2</sup>, Erika Snow<sup>2</sup>, Janice Gerloff<sup>2</sup>, Chad Lerner<sup>2</sup>, Isaac Sundar<sup>2</sup>, Deborah Ossip<sup>2</sup>, Irfan Rahman<sup>2</sup>, Scott McIntosh<sup>\*2</sup>, <sup>1</sup>University of Rutgers, NJ, USA, <sup>2</sup>University of Rochester Medical Center, NY, USA*

**POS3-90****CONSULTATION WITH E-CIGARETTE RETAILERS REGARDING PRODUCT CHOICE FOR AN E-CIGARETTE SMOKING CESSATION TRIAL**

*Natalie Walker<sup>1</sup>, Oliver Knight-West<sup>\*1</sup>, Murray Laugesen<sup>2</sup>, George Laking<sup>3</sup>, Chris Bullen<sup>1</sup>, <sup>1</sup>University of Auckland, New Zealand, <sup>2</sup>Health New Zealand, New Zealand, <sup>3</sup>Auckland District Health Board, New Zealand*

**POS3-91****UNDERSTANDING CANCER-RELATED RISK BEHAVIORS AMONG AFRICAN AMERICAN COLLEGE STUDENTS ATTENDING HISTORICALLY BLACK COLLEGES AND UNIVERSITIES**

*Onyinye Nduaguba<sup>\*1</sup>, Kentya Ford<sup>1</sup>, Shan Jiang<sup>1</sup>, Angela Meshack<sup>2</sup>, Tolani Ogunsanya<sup>1</sup>, <sup>1</sup>The University of Texas at Austin College of Pharmacy, TX, USA, <sup>2</sup>Texas Southern University, TX, USA*

**POS3-92****CAN SMOKING BANS IN MULTI-UNIT HOUSING CREATE OPPORTUNITIES FOR SMOKING CESSATION?**

*Alan Geller\*, Jessica Davine, Christine Simon, Robyn Keske, Vaughan Rees, Harvard T.H. Chan School of Public Health, MA, USA*

**POS3-93****SUCCESSFUL TOBACCO REDUCTION IN ABORIGINAL COMMUNITIES: A SYSTEMATIC REVIEW**

*Robert Schwartz<sup>\*1</sup>, Alexa Minichiello<sup>2</sup>, Ayla Lefkowitz<sup>2</sup>, Michelle Firestone<sup>3</sup>, Janet Smylie<sup>3</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Ontario Tobacco Research Unit, University of Toronto, ON, Canada, <sup>3</sup>St Michael's Hospital, University of Toronto, ON, Canada*

**POS3-94****COMMUNITY COLLEGE STUDENTS AND ENGAGEMENT WITH WEB ASSISTED TOBACCO INTERVENTION**

*Scott McIntosh<sup>\*1</sup>, Tye Johnson<sup>1</sup>, Mark Campbell<sup>2</sup>, Kelly Carpenter<sup>2</sup>, Erika Snow<sup>1</sup>, Deborah Ossip<sup>1</sup>, <sup>1</sup>University of Rochester Medical Center, NY, USA, <sup>2</sup>Alere Wellbeing, WA, USA*

**POS3-95****IMPLEMENTING A SMOKING AWARENESS AND CESSATION PROGRAM AT A CANADIAN POST-SECONDARY INSTITUTION OVER THE SUMMER**

*Adam Cole\*, Darly Dash, University of Waterloo, ON, Canada*

**POS3-96****AUTHENTICITY AND BALANCE: THE USE AND CONSEQUENCES OF DIFFERENT CONVERSATIONAL STRATEGIES IN SEQUENTIAL SESSIONS OF THE NHS COMMUNITY PHARMACY SMOKING CESSATION SERVICE**

*Ratna Sohanpal, Liz Steed, S Taylor, Robert Walton, Bart's and The London School of Medicine and Dentistry, United Kingdom*

**POS3-98****EFFECTS OF A STATEWIDE TOBACCO CESSATION PROGRAM AMONG INDIVIDUALS INVOLVED WITH ARKANSAS DEPARTMENT OF CORRECTIONS**

*Christine Garver-Apgar<sup>\*1</sup>, Susan Young<sup>1</sup>, Brenda Howard<sup>2</sup>, Ben Udochi<sup>3</sup>, Chad Morris<sup>1</sup>, <sup>1</sup>University of Colorado, Anschutz Medical Campus, CO, USA, <sup>2</sup>Arkansas Department of Human Services, Division of Child Care and Early Childhood Education, AR, USA, <sup>3</sup>Arkansas Community Corrections, AR, USA*

**POS3-99****THE ASSOCIATION BETWEEN VARYING LEVELS OF TOBACCO USE AND PERCEIVED TOBACCO PRODUCT HARMFULNESS**

*Eleanor Leavens<sup>\*1</sup>, Ellen Meier<sup>1</sup>, Alayna Tackett<sup>1</sup>, Theodore Wagener<sup>2</sup>, <sup>1</sup>Oklahoma Tobacco Research Center Oklahoma State University, OK, USA, <sup>2</sup>Oklahoma Tobacco Research Center The University of Oklahoma Health Sciences Center, OK, USA*

**POS3-101****MICROBIOLOGY GROWTH FROM TEN HOOKAH BAR PIPES IN THE COMMUNITY**

*Eric Freundt, Alexandra Ferrer, Zachery Rivera<sup>\*</sup>, University of Tampa, FL, USA*

**POS3-102****THE ECOLOGICAL CONTEXT OF SMOKING BEHAVIOR FOR WOMEN WITH GENDER-BASED SEXUAL AND INTIMATE PARTNER VIOLENCE EXPOSURE HISTORIES**

*Julianna Nemeth<sup>\*1</sup>, Bo Lu<sup>1</sup>, Amy Bonomi<sup>2</sup>, Tiffany Thomson<sup>1</sup>, Juan Peng<sup>1</sup>, Mary Ellen Wewers<sup>1</sup>, <sup>1</sup>Ohio State University, OH, USA, <sup>2</sup>Michigan State University, MI, USA*

**POS3-103****WATERPIPE SMOKING AMONG ADOLESCENTS IN HONG KONG**

*Nan Jiang<sup>\*</sup>, Sai Yin Ho, Man Ping Wang, Lok Tung Leung, Tai Hing Lam, University of Hong Kong, Hong Kong*

**POS3-104****HISPANIC ETHNICITY INCREASES CHANCE OF QUITTING SMOKING IN OLDER ADULTS, A NATIONALLY REPRESENTATIVE STUDY**

*Frank Bandiera<sup>\*1</sup>, Shervin Assari<sup>2</sup>, <sup>1</sup>University of Texas School of Public Health, TX, USA, <sup>2</sup>University of Michigan, MI, USA*

**POS3-105****PROJECT DECOY: DOCUMENTING EXPERIENCES WITH CIGARETTES AND OTHER TOBACCO IN YOUTH**

*Carla Berg<sup>\*1</sup>, Regine Haardoerfer<sup>1</sup>, Michael Lewis<sup>1</sup>, Tala Fakhouri<sup>2</sup>, Betelihem Getachew<sup>1</sup>, Michael Windle<sup>1</sup>, <sup>1</sup>Emory University, GA, USA, <sup>2</sup>ICF International, GA, USA*

**POS3-106****PREMIUM BRANDS AND CONSUMER LOYALTY IN CIGARETTE SMOKERS' CONTINUED CONSUMPTION**

*Michael Lewis<sup>1</sup>, Yanwen Wang<sup>2</sup>, Zachary Cahn<sup>1</sup>, Carla Berg<sup>\*1</sup>, <sup>1</sup>Emory University, GA, USA, <sup>2</sup>University of Colorado, Boulder, CO, USA*



**POS3-107**

**SEXUAL ORIENTATION DISPARITIES IN SMOKING VARY BY SEX AND HOUSEHOLD SMOKING AMONG U.S. ADULTS: FINDINGS FROM THE 2003-2010 NATIONAL HEALTH AND NUTRITION SURVEYS**

*Kristi Gamarel<sup>\*1</sup>, Christopher Kahler<sup>1</sup>, Sari Reisner<sup>2</sup>, Ethan Mereish<sup>1</sup>, Alicia Matthews<sup>3</sup>, Don Operario<sup>1</sup>, <sup>1</sup>Brown University, RI, USA, <sup>2</sup>Harvard Medical School, MA, USA, <sup>3</sup>University of Illinois-Chicago, IL, USA*

**POS3-108**

**DO ADULT E-CIGARETTE USERS DIFFER BY GENDER?**

*Bo Zhang\*, Robert Schwartz, Aliya Noormohamed, Shawn O'Connor, University of Toronto, ON, Canada*

**POS3-109**

**DENIER VERSUS ADMITTER SMOKING STATUS IN A POPULATION-BASED STUDY**

*John Kingsbury<sup>\*1</sup>, Michael Parks<sup>1</sup>, Michael Amato<sup>2</sup>, Raymond Boyle<sup>2</sup>, <sup>1</sup>Minnesota Department of Health, MN, USA, <sup>2</sup>Clear-Way Minnesota, MN, USA*

**POS3-110**

**WHAT GATS, INDIA HAS TO SAY ON FEMALE TOBACCO USE INITIATION? WHAT INSIGHTS CAN WE DRAW TO DECREASE THIS TREND?**

*Mira Aghi<sup>\*1</sup>, Vishal Dogra<sup>2</sup>, Mira Aghi<sup>\*1</sup>, Mira Aghi<sup>\*1</sup>, <sup>1</sup>Healis Sekhsaria Institute of Public Health, India, <sup>2</sup>Department of Public Health, Health Promotion and NCDs-Health Intelligence & Information Section, Supreme Council of Health, Doha, Qatar*

**POS3-111**

**REASONS FOR ELECTRONIC NICOTINE DELIVERY SYSTEM USE AND SMOKING ABSTINENCE AT 6 MONTHS: A DESCRIPTIVE STUDY OF CALLERS TO EMPLOYER AND HEALTH PLAN-SPONSORED QUITLINES**

*Katrina Vickerman<sup>\*1</sup>, Gillian Schauer<sup>2</sup>, Ann Malarcher<sup>3</sup>, Lei Zhang<sup>3</sup>, Paul Mowery<sup>4</sup>, Chelsea Nash<sup>1</sup>, <sup>1</sup>Alere Wellbeing, Inc., WA, USA, <sup>2</sup>Carter Consulting, Inc. contractor to Office on Smoking and Health, Centers for Disease Control and Prevention, WA, USA, <sup>3</sup>Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA, <sup>4</sup>Biostatistics, Inc., FL, USA*

**POS3-112**

**E-CIGARETTE AND HOOKAH EXPECTANCIES AMONG YOUNG ADULT NON-DAILY CIGARETTE SMOKERS**

*Kristin Brikmanis, Neal Doran\*, University of California, San Diego, CA, USA*

**POS3-113**

**PREDICTORS OF E-CIGARETTE USE AMONG YOUNG ADULT NON-DAILY CIGARETTE SMOKERS**

*Neal Doran\*, Kristin Brikmanis, University of California, San Diego, CA, USA*

**POS3-114**

**USER PERCEIVED DIFFERENCES BETWEEN TRADITIONAL CIGARETTE AND E-CIGARETTE USE**

*Jessica Yingst\*, Susan Veldheer, Erin Hammett, Shari Hrabovsky, Jonathan Foulds, Penn State University College of Medicine, PA, USA*

**POS3-115****ELECTRONIC CIGARETTE USE AND ADVERTISEMENT EXPOSURE AMONG U.S. MIDDLE AND HIGH SCHOOL STUDENTS, 2014**

*Tushar Singh\*, Israel Agaku, Rene Arrazola, Kristy Marynak, Linda Neff, Italia Rolle, Brian King, Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA*

**POS3-116****POLICIES, PERCEPTIONS, AND POLYTOBACCO USE**

*Dana Mowls\*, Mary Williams, Nasir Mushtaq, Laura Beebe, University of Oklahoma Health Sciences Center, OK, USA*

**POS3-117****E-CIGARETTE DUAL USERS DIFFER FROM EXCLUSIVE USERS ON HARM PERCEPTIONS AND PERCEIVED PEER USE FOR VARIOUS TOBACCO PRODUCTS**

*Maria Cooper<sup>\*1</sup>, Kathleen Case<sup>1</sup>, Alexandra Loukas<sup>2</sup>, MeLisa Creamer<sup>1</sup>, Cheryl Perry<sup>1</sup>, <sup>1</sup>University of Texas Health Science Center, Austin Regional Campus, TX, USA, <sup>2</sup>University of Texas at Austin, TX, USA*

**POS3-118****TOBACCO PRODUCT USE AND ACCULTURATION AMONG MEXICAN AMERICANS ON THE TEXAS-MEXICO BORDER**

*Dianey Perez<sup>1</sup>, Belinda Reininger<sup>1,2</sup>, Susan Fisher-Hoch<sup>1</sup>, <sup>1</sup>University of Texas School of Public Health, Michael, TX, USA, <sup>2</sup>Susan Dell Center for Healthy Living, TX, USA*

**POS3-119****SECONDHAND SMOKE EMISSION LEVELS IN WATERPIPE CAFES IN DOHA, QATAR**

*Nadia Fanous<sup>\*1</sup>, Ahmad Al Mulla<sup>1</sup>, Andrew Seidenberg<sup>2</sup>, Vaughan Rees<sup>2</sup>, <sup>1</sup>Hamad Medical Corporation, Qatar, <sup>2</sup>Harvard School of Public Health, USA*

**POS3-120****DEVICE TYPES AND TERMINOLOGY AMONG CURRENT USERS OF ELECTRONIC NICOTINE DELIVERY SYSTEMS**

*Kimberly Wiseman\*, Jennifer Cornacchione, Cynthia Suerken, Kimberly Wagoner, Erin Sutfin, Wake Forest School of Medicine, NC, USA*

**POS3-121****PERCEIVED SATISFACTION FROM VAPE (E-CIGARETTES) IS EQUAL TO OR GREATER THAN THAT FROM CIGARETTES IN DAILY COMPARED TO NON-DAILY USERS OF E-CIGARETTES**

*Lynn Kozlowski\*, D. Lynn Homish, Gregory Homish, University at Buffalo, NY, USA*

**POS3-122****SMOKING IDENTITY AMONG AFRICAN AMERICAN YOUNG ADULTS**

*Sharon Lipperman-Kreda\*, Rachelle Annechino, Tamar Antin, Malisa Young, Prevention Research Center, Pacific Institute for Research and Evaluation, CA, USA*

**POS3-123****SMOKING CESSATION CHARACTERISTICS AND HEALTH PROFESSIONAL ADVICE TO QUIT AMONG A NATIONAL SAMPLE OF ADULTS WITH AND WITHOUT DIABETES**

*Gillian Schauer<sup>\*1</sup>, Ann Malarcher<sup>2</sup>, Stephen Babb<sup>3</sup>, <sup>1</sup>Carter Consulting contractor to: Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA, <sup>2</sup>Carter Consulting, GA, USA, <sup>3</sup>Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA*

**POS3-124****RACIAL/ETHNIC DIFFERENCES IN DURATION OF SMOKING AMONG FORMER SMOKERS IN THE 1999-2012 NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES)**

Miranda Jones\*, Corinne Joshu, Ana Navas-Acien, Elizabeth Platz, Johns Hopkins Bloomberg School of Public Health, MD, USA

**POS3-125****TOBACCO MARKETING RECEPTIVITY AND OTHER TOBACCO PRODUCT USE AMONG YOUNG ADULT BAR PATRONS**

Johannes Thrul\*, Nadra Lisha, Pamela Ling, University of California, San Francisco, CA, USA

**POS3-126****A NEW TOOL TO FACILITATE SMOKING CESSATION IN PRIMARY CARE CLINICS IN MEXICO.**

Guadalupe Ponciano-Rodriguez\*<sup>1</sup>, Luz Miriam Reynales-Shigematsu<sup>2</sup>, Rosibel Rodriguez-Bolaños<sup>2</sup>, Guadalupe Flores-Escartín<sup>2</sup>, Moises Ortiz-Vargas<sup>2</sup>, Mariana Ramirez -Mantilla<sup>3</sup>, Jaime Perales<sup>3</sup>, Edward Ellerbeck<sup>3</sup>, Ana Paula Cupertino<sup>3</sup>, <sup>1</sup>School of Medicine- National Autonomous University of Mexico, Mexico, <sup>2</sup>National Institute of Public Health, Mexico, <sup>3</sup>The University of Kansas-Medical Center, KS, USA

**POS3-127****SMOKEFREE LAWS AND HAZARDOUS DRINKING: A CROSS-SECTIONAL STUDY AMONG U.S. ADULTS**

Nan Jiang\*<sup>1</sup>, MariaElena Gonzalez<sup>2</sup>, Pamela Ling<sup>3</sup>, Kelly Young-Wolff<sup>4</sup>, Stanton Glantz<sup>3</sup>, <sup>1</sup>University of Hong Kong, Hong Kong, <sup>2</sup>University of California Merced, CA, USA, <sup>3</sup>University of California, San Francisco, CA, USA, <sup>4</sup>Kaiser Permanente Northern California, CA, USA

**POS3-128****RACIAL DIFFERENCES IN POLYTOBACCO USE**

Mary Williams\*, Nasir Mushtaq, Dana Mowls, Laura Beebe, University of Oklahoma Health Sciences Center College of Public Health, OK, USA

**POS3-129****TOBACCO USE, EXPOSURE TO SECONDHAND SMOKE, AND CESSATION COUNSELING AMONG HEALTH PROFESSIONAL STUDENTS IN TARGU MURES, ROMANIA IN 2014**

Pal Kikeli\*<sup>1</sup>, Mihaly Laszlo<sup>1</sup>, Zoltan Preg<sup>2</sup>, Eniko Nemes-Nagy<sup>2</sup>, Kristie Foley<sup>3</sup>, Peter Balazs<sup>4</sup>, <sup>1</sup>Procardia Medical Society Targu Mures Romania, <sup>2</sup>University of Medicine and Pharmacy Targu Mures Romania, <sup>3</sup>Wake Forest School of Medicine, NC, USA, <sup>4</sup>Semmelweis University Budapest, Hungary

**POS3-130****ESTABLISHING A VALID MODEL TO ESTIMATE THE IMPACT OF INTRODUCING A REDUCED RISK PRODUCT ON THE POPULATION AS A WHOLE**

Gizelle Baker\*<sup>1</sup>, Zheng Sponsiello-Wang<sup>1</sup>, Peter Lee<sup>2</sup>, John Fry<sup>2</sup>, Frank Lüdicke<sup>1</sup>, Rolf Weitkunat<sup>1</sup>, <sup>1</sup>Philip Morris Products S.A., Switzerland, <sup>2</sup>P. N. Lee Statistics and Computing Ltd, United Kingdom

**POS3-131****THE EFFECT OF POPULATION AGEING AND THE INCREASED SHARE OF HIGHER EDUCATED ON AGGREGATED SMOKING PREVALENCE: A COUNTERFACTUAL ANALYSIS OF DAILY SMOKING IN NORWAY, 1976 TO 2010**

Tord Vedoy\*, Norwegian Institute for Alcohol and Drug Research, Norway

**POS3-132****HIGH SCHOOL STUDENTS IN THE UNITED STATES, WHO USE MULTIPLE TOBACCO PRODUCTS, ARE AT INCREASED RISK FOR OTHER SUBSTANCE USE AND ALCOHOL RELATED BEHAVIORS**

*MeLisa Creamer\*, Gabriela Portillo, Stephanie Clendennen, Cheryl Perry, The University of Texas School of Public Health Austin Regional Campus, TX, USA*

**POS3-133****NICOTINE ADDICTION SEVERITY ASSOCIATED WITH REDUCED SLEEP QUANTITY, MEDIATED BY TRUNCATED SLEEP**

*Steven Branstetter\*, William Horton<sup>1</sup>, Melissa Mercincavage<sup>2</sup>, Orfeu Buxton<sup>1</sup>, <sup>1</sup>The Pennsylvania State University, PA, USA, <sup>2</sup>University of Pennsylvania, PA, USA*

**POS3-134****E-CIGARETTE USE FREQUENCY AND SMOKING CESSATION IN A PROSPECTIVE COHORT**

*Michael Amato\*, Raymond Boyle<sup>1</sup>, David Levy<sup>2</sup>, <sup>1</sup>ClearWay Minnesota, MN, USA, <sup>2</sup>Georgetown University, DC, USA*

**POS3-135****CHARACTERISTICS OF SMOKERS PURCHASING E-CIGARETTES AND THE ASSOCIATION WITH CESSATION: AN EXAMINATION USING A CONSUMER PANEL**

*Zachary Cahn\*, Michael Lewis<sup>2</sup>, Regine Haardörfer<sup>1</sup>, Yanwen Wang<sup>3</sup>, Carla Berg<sup>1</sup>, <sup>1</sup>Emory University Rollins School of Public Health, GA, USA, <sup>2</sup>Emory University Goizueta Business School, GA, USA, <sup>3</sup>University of Colorado - Boulder, CO, USA*

**POS3-136****MEDIAN AGE OF CIGARETTE SMOKING INITIATION AMONG FOUR RACIAL/ETHNIC GROUPS OF U.S. ADULTS, 2012-2014**

*Tushar Singh<sup>1</sup>, Amal Jama<sup>2</sup>, Erin O'Connor<sup>2</sup>, Saida Sharapova<sup>1</sup>, Sara Kennedy<sup>3</sup>, Israel Agaku<sup>1</sup>, <sup>1</sup>Centers for Disease Control and Prevention, GA, USA, <sup>2</sup>DB Consulting, GA, USA, <sup>3</sup>RTI International, GA, USA*

**POS3-137****TRAJECTORIES OF CIGARETTE SMOKING USING FIFTEEN YEARS OF DATA FROM THE NATIONAL LONGITUDINAL SURVEY OF YOUTH (1997)**

*Lauren Dutra\*, Stanton Glantz, Anna Song, University of California, San Francisco, CA, USA*

**POS3-138****HOW DO LATINA SMOKERS DIFFER FROM NON-SMOKERS? AN ANALYSIS OF A LOS ANGELES-BASED SAMPLE**

*Meghan Moran\*, Jennifer Unger<sup>2</sup>, Jazmyne Sutton<sup>3</sup>, Sandra Ball-Rokeach<sup>4</sup>, Sheila Murphy<sup>4</sup>, Lourdes Baezconde-Garbanati<sup>2</sup>, <sup>1</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA, <sup>2</sup>Keck School of Medicine, University of Southern California, CA, USA, <sup>3</sup>Annenberg School for Communication, University of Pennsylvania, PA, USA, <sup>4</sup>Annenberg School for Communication & Journalism, University of Southern California, CA, USA*

**POS3-139****A NEW LENS ON THE CHANGES IN YOUTH TOBACCO USE: ZOOMING IN ON SINGLE, DUAL, AND POLY TOBACCO USERS**

*Kimberly Horn\*, Laurel Curry, Tiffany Gray, Diane Martinez, Maliha Ali, Milken Institute School of Public Health at George Washington University, DC, USA*

**POS3-140****EFFECTS OF EXPOSURE TO GRAPHIC WARNING LABELS WITH GAIN AND LOSS MESSAGE FRAMING AND WITH AND WITHOUT A SELF-EFFICACY MESSAGE**

Jonathan Macy<sup>\*1</sup>, Laurie Chassin<sup>2</sup>, Clark Presson<sup>2</sup>, Joshua Brown<sup>1</sup>, <sup>1</sup>Indiana University, IN, USA, <sup>2</sup>Arizona State University, AZ, USA

**POS3-141****PATTERNS OF EXCLUSIVE AND COMBINED CIGAR AND BLUNT USE AMONG YOUTH AND YOUNG ADULTS BY RACE/ETHNICITY: TRENDS FROM 2004-2013**

Sara Kennedy<sup>\*1</sup>, Ralph Caraballo<sup>2</sup>, James Tsai<sup>2</sup>, Italia Rolle<sup>2</sup>, <sup>1</sup>RTI International, GA, USA, <sup>2</sup>Office on Smoking and Health, Centers for Disease Control and Prevention, GA, USA

**POS3-142****DABBLING WITH E-CIGARETTES: NATIONAL RATES AND PREDICTORS OF DISCONTINUED USE**

Robert McMillen<sup>\*1</sup>, Regina Whitmore<sup>2</sup>, Jonathan Winickoff<sup>3</sup>, Karen Wilson<sup>4</sup>, Jonathan Klein<sup>2</sup>, Susanne Tanski<sup>5</sup>, <sup>1</sup>Mississippi State University, MS, USA, <sup>2</sup>American Academy of Pediatrics, IL, USA, <sup>3</sup>MGH Division of General Academic Pediatrics, MA, USA, <sup>4</sup>Children's Hospital Colorado, University of Colorado, CO, USA, <sup>5</sup>Geisel School of Medicine at Dartmouth, NH, USA

**POS3-143****YOUNG ADULTS' MENTHOL CIGARETTE PERCEPTIONS, EXPERIENCES, AND USE INTENTIONS**

Olivia Wackowski<sup>\*1</sup>, Kiameesha Evans<sup>1</sup>, Melissa Harrell<sup>2</sup>, Alexandra Loukas<sup>2</sup>, M. Jane Lewis<sup>1</sup>, Cristine Delnevo<sup>1</sup>, <sup>1</sup>Rutgers University - School of Public Health, NJ, USA, <sup>2</sup>University of Texas - Austin, TX, USA

**POS3-144****EXPOSURE TO SECONDHAND SMOKE AMONG FOSTER CARE RESIDENTS IN ROMANIA**

Iozsef Lorand Ferencz<sup>\*1</sup>, Zoltan Abram<sup>1</sup>, Lorand Schmidt<sup>2</sup>, Peter Balazs<sup>3</sup>, Kristie Foley<sup>4</sup>, <sup>1</sup>University of Medicine and Pharmacy Targu Mures, Romania, <sup>2</sup>General Directorate of Social Assistance and Child Protection of Mures County, Targu Mures, Romania, <sup>3</sup>Semmelweis University, Budapest, Hungary, <sup>4</sup>Wake Forest University Medical School, NC, USA

**POS3-145****E-CIGARETTE FLAVORS AND SMOKING CESSATION: FINDINGS FROM A NATIONAL SURVEY**

Shu-Hong Zhu<sup>\*</sup>, Sharon Cummins, Yue-Lin Zhuang, Lesley Copeland, University of California, San Diego, CA, USA

**POS3-146****DOES HIGH TOBACCO CONSUMPTION CAUSE PSYCHOLOGICAL DISTRESS? A MENDELIAN RANDOMISATION STUDY**

Lise Skov-Ettrup<sup>\*1</sup>, Børge Nordestgaard<sup>2</sup>, Janne Tolstrup<sup>3</sup>, <sup>1</sup>University of Southern Denmark - Copenhagen, Denmark, <sup>2</sup>Copenhagen University Hospital - Herlev, Denmark, <sup>3</sup>University of Southern Denmark, Denmark

**POS3-147****REAL WORLD EVALUATION OF SECOND GENERATION ELECTRONIC CIGARETTE BATTERIES**

Subekchhya Aryal<sup>\*</sup>, David Johnson, University of Oklahoma Health Sciences, OK, USA

**POS3-148****POPULATION HEALTH IMPACT MODEL OF INTRODUCING A REDUCED RISK PRODUCT: INITIAL ESTIMATE OF THE EFFECTIVE DOSE REDUCTION FACTOR**

*Florian Martin\*, Gregory Vuillaume, Zheng Sponsiello-Wang, Gizelle Baker, Frank Lüdike, Rolf Weitkunat, Philip Morris Products S.A., Switzerland*

**POS3-149****HEALTH EFFECTS OR CONSTITUENTS? LEVERAGING TWO NATIONALLY REPRESENTATIVE SURVEYS TO INFORM A POINT-OF-SALE CAMPAIGN ABOUT NOVEL TOBACCO PRODUCTS**

*Jennifer Cornacchione\*<sup>1</sup>, David Reboussin<sup>1</sup>, Seth Noar<sup>2</sup>, Kimberly Wiseman<sup>1</sup>, Amanda Richardson<sup>2</sup>, Erin Sutfin<sup>1</sup>, <sup>1</sup>Wake Forest School of Medicine, NC, USA, <sup>2</sup>University of North Carolina-Chapel Hill, NC, USA*

**POS3-150****DISPARITIES IN YOUTH TOBACCO USE AND RELATED BELIEFS BY METROPOLITAN STATUS: FINDINGS FROM FLORIDA AND OHIO**

*Debra Bernat, PhD\*<sup>1</sup>, Megan Roberts, PhD<sup>2</sup>, Amy Ferketich, PhD<sup>2</sup>, Kelvin Choi, PhD, MPH<sup>3</sup>, <sup>1</sup>University of Maryland, <sup>2</sup>The Ohio State University, <sup>3</sup>National Institute on Minority Health and Health Disparities*

**POS3-151****USE OF TOBACCO AND TOBACCO CESSATION SERVICES IN URBAN AND RURAL MINNESOTA**

*Michael Amato, PhD\*<sup>1</sup>, Raymond Boyle, PhD<sup>1</sup>, Becky Lien, MPH<sup>2</sup>, <sup>1</sup>ClearWay Minnesota, <sup>2</sup>Professional Data Analysts*

**POS3-152****VARIATIONS IN TOBACCO RETAILER DENSITY AMONG URBAN AND RURAL PUBLIC SCHOOLS**

*Andrew Anesetti-Rothermel, PhD, MPH\*<sup>1</sup>, Jennifer Cantrell, DrPH<sup>2</sup>, James Xiao<sup>2</sup>, Morgane Bennett, PhD<sup>2,3</sup>, Tom Kirchner, PhD<sup>3,4</sup>, Jessica Rath, PhD, MPH<sup>2</sup>, Elizabeth Hair, PhD<sup>2</sup>, Donna Vallone, PhD<sup>2</sup>, <sup>1</sup>Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, <sup>2</sup>Evaluation Science and Research at Truth Initiative, <sup>3</sup>Johns Hopkins University, <sup>4</sup>New York University*

**POS3-153****EXPOSURE TO AND ENGAGEMENT WITH TOBACCO MARKETING AMONG YOUTH AND ADULT SMOKERS BY METROPOLITAN STATUS**

*Kelvin Choi, PhD, MPH\*<sup>1</sup>, Debra Bernat, PhD<sup>2</sup>, Raymond Boyle, PhD<sup>3</sup>, <sup>1</sup>National Institute on Minority Health and Health Disparities, <sup>2</sup>University of Maryland, <sup>3</sup>ClearWay Minnesota*

**POS3-154****LET'S BE BLUNT ABOUT IT: CHARACTERIZING DEMOGRAPHIC AND HEALTH-RISK PROFILES OF USERS OF CIGARS, BLUNTS, AND MARIJUANA FROM THE NATIONAL SURVEY OF DRUG USE AND HEALTH**

*Amy Cohn, PhD\*<sup>1,2</sup>, Amanda Johnson, MHS<sup>1</sup>, Sarah Ehlke, MA, MS<sup>1</sup>, Andrea Villanti, PhD, MPH<sup>1,3</sup>, <sup>1</sup>Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, <sup>2</sup>Georgetown University Medical Center, <sup>3</sup>Johns Hopkins Bloomberg School of Public Health*

**POS3-155****DOES CIGAR USE PREDICT MARIJUANA USE AMONG U.S. YOUNG ADULTS? EVIDENCE FROM ADD HEALTH**

*Craig Fryer, DrPH, MPH\*<sup>1</sup>, Elizabeth Seaman, MHS<sup>1</sup>, Kymberle Sterling, DrPH, MPH<sup>2</sup>, Michael Marshal, PhD<sup>3</sup>, <sup>1</sup>Uni-*



versity of Maryland, College Park, <sup>2</sup>Georgia State University,  
<sup>3</sup>University of Pittsburgh

**POS3-156**

**MEASURING RISK PERCEPTIONS OF ENDS FROM A BEHAVIORAL RISK PERCEPTION PERSPECTIVE: LESSONS LEARNED, CURRENT CHALLENGES, AND IMPLICATIONS FOR RESEARCH AND POLICY**

Scott Weaver, PhD<sup>\*1</sup>, Terry Pechacek, PhD, MA<sup>1</sup>, Bonnie Halpern-Felsher, PhD, FSAHM<sup>2</sup>, Ban Majeed, PhD, MPH, MSc<sup>1</sup>, Paul Slovic, PhD, MA<sup>3</sup>, <sup>1</sup>Georgia State University, <sup>2</sup>Stanford University, <sup>3</sup>Decision Research, Inc.

**POS3-157**

**ALTERNATIVE NICOTINE DELIVERY SYSTEMS (ANDS) SURVEILLANCE IN THE UK: THE INTERNATIONAL TOBACCO CONTROL UK PROJECT AND OTHER UK SURVEYS**

Sara Hitchman, MSc, PhD<sup>\*1</sup>, Geoffrey Fong, PhD<sup>2</sup>, Ann McNeill, PhD<sup>1</sup>, Leonie Brose, PhD<sup>1</sup>, Shannon Gravely, PhD<sup>2</sup>, Hazel Cheeseman<sup>3</sup>, Linda Bauld, PhD<sup>4</sup>, <sup>1</sup>King's College London, <sup>2</sup>University of Waterloo, <sup>3</sup>Action on Smoking and Health, <sup>4</sup>University of Stirling

**POS3-158**

**MEASURING EMERGING TOBACCO PRODUCT USAGE AMONG YOUNG PEOPLE**

Cristine Delnevo, PhD, MPH<sup>\*1</sup>, Daniel Gundersen, PhD<sup>1</sup>, Daniel Giovenco, MPH<sup>1</sup>, Michelle Bover-Manderski, MPH<sup>1</sup>, Gary Giovino, PhD, MS<sup>2</sup>, <sup>1</sup>Rutgers School of Public Health, <sup>2</sup>University of Buffalo

**POS3-159**

**PROGRESS, CHALLENGES, AND FUTURE DIRECTIONS FOR ENDS SURVEILLANCE IN THE UNITED STATES AND GLOBALLY**

Brian King, PhD, MPH<sup>\*</sup>, Office on Smoking and Health at the Centers for Disease Control and Prevention

**POS3-160**

**THE EMERGENCE OF NON-CIGARETTE PRODUCTS: MARKET AND TRENDS**

Andrea Villanti, PhD, MPH<sup>\*1,2</sup>, Amanda Johnson, MHS<sup>1</sup>, Jennifer Pearson, PhD, MPH<sup>1,2</sup>, Daniel Giovenco, MPH<sup>3</sup>, Cristine Delnevo, PhD, MPH<sup>3</sup>, <sup>1</sup>Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, <sup>3</sup>Rutgers School of Public Health-Center for Tobacco Studies, <sup>2</sup>Johns Hopkins Bloomberg School of Public Health

**POS3-161**

**TOBACCO CONSUMPTION AND HARM EXPOSURE OF CIGARETTE SMOKERS SWITCHING TO ELECTRONIC CIGARETTES**

Kim Pulvers, PhD, MPH<sup>\*1</sup>, Ashley Emami, MA<sup>1</sup>, Devan Romero, DrPH<sup>1</sup>, Nicole Nollen, PhD<sup>2</sup>, Neal Benowitz, MD<sup>3</sup>, Jasjit Ahluwalia, MD, MPH, MS<sup>4</sup>, <sup>1</sup>California State University San Marcos, <sup>2</sup>University of Kansas School of Medicine, <sup>3</sup>University of California, San Francisco School of Medicine, <sup>4</sup>Rutgers, The State University of New Jersey

**POS3-163**

**GENDER DIFFERENCES IN SMOKING AND QUITTING BEHAVIORS AMONG URBAN TRANSIT OPERATORS**

Carol Cunradi, MPH, PhD<sup>\*</sup>, Roland Moore, PhD, Robynn Battle, MPH, EdD, Prevention Research Center, Pacific Institute for Research and Evaluation, Oakland CA, USA

**POS3-164****BUILDING A UNION-MANAGEMENT COLLABORATION TO ADDRESS TOBACCO-RELATED DISPARITIES AMONG TRANSIT WORKERS**

*Carol Cunradi, MPH, PhD\*, Roland Moore, PhD, Robynn Battle, MPH, EdD, Prevention Research Center, Pacific Institute for Research and Evaluation, Oakland CA, USA*

**POS3-165****INTERACTIVITY AND ENTERTAINMENT IN AN ONLINE PROGRAM FOR SMOKING PREVENTION AMONG ADOLESCENTS: A RANDOMIZED CONTROLLED TRIAL AND INTENTION TO SMOKE**

*Georges Khalil\*, Alexander Prokhorov, The University of Texas M. D. Anderson Cancer Center, TX, USA*

**POS3-166****THE NEED FOR SOCIAL INTERACTION DURING INTERVENTIONS FOR SMOKING PREVENTION AMONG ADOLESCENTS**

*Georges Khalil\*<sup>1</sup>, Alexander Prokhorov<sup>1</sup>, Helen Wang<sup>2</sup>, <sup>1</sup>The University of Texas M. D. Anderson Cancer Center, TX, USA, <sup>2</sup>University at Buffalo, the State University of New York, NY, USA*



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**POSTER SESSION  
4  
FRIDAY  
MARCH 4, 2016  
5:30 P.M.-7:00 P.M.**

Poster Session 4 • Friday, March 4, 2016 • 5:30 p.m.-7:00 p.m.

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# POSTER SESSION 4

4:15 p.m.-5:15 p.m. . . . . Presenters set up posters

5:30 p.m.-7:00 p.m. . . . . Poster Session 3  
**Presenters available at their poster**

7:00 p.m.-8:00 p.m. . . . . Presenters remove posters

## POS4-2

### TRENDS IN LUNG CANCER SURVIVAL IN ARAB WORLD, 1995-2009

Zoubida Zaidi<sup>\*1</sup>, Mokhtar Hamdi Cherif<sup>2</sup>, <sup>1</sup>University of Setif-Algeria, Algeria, <sup>2</sup>University Hospital of Setif-Algeria

## POS4-3

### PRECURSORS TO THE MODERN E-CIGARETTE: A TOBACCO INDUSTRY DOCUMENTS ANALYSIS

Lauren Dutra<sup>\*1</sup>, Rachel Grana<sup>2</sup>, Stanton Glantz<sup>1</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>National Cancer Institute, DC, USA

## POS4-4

### MEASURING USE PATTERNS ACROSS THE RANGE OF E-CIGARETTE DEVICE TYPES ON SURVEYS

Youn Ok Lee<sup>\*1</sup>, Ashley Richards<sup>1</sup>, Amanda Smith<sup>1</sup>, Ban Ma-jeed<sup>2</sup>, <sup>1</sup>RTI International, NC, USA, <sup>2</sup>Georgia State University, GA, USA

## POS4-5

### REGULATION OF E-CIGARETTES: VIEWS OF THE VAPING COMMUNITY IN NEW ZEALAND

Oliver Knight-West<sup>\*</sup>, Chris Bullen, Natalie Walker, University of Auckland, New Zealand

## POS4-6

### YOUNG ADULT USER EXPERIENCES WITH CRUSH THE CRAVE – A MOBILE SMOKING CESSATION APPLICATION

Darby Dash<sup>\*1</sup>, Neill Baskerville<sup>2</sup>, John Garcia<sup>1</sup>, <sup>1</sup>School of Public Health and Health Systems, ON, Canada, <sup>2</sup>Propel Centre for Population Health Impact, ON, Canada

## POS4-7

### THE ASSOCIATION BETWEEN PSYCHOSOCIAL STRESS, LOCAL AND TRANSNATIONAL SOCIAL TIES, AND SMOKING BEHAVIOR AMONG LATINAS IN LOS ANGELES

Meghan Moran<sup>\*1</sup>, Jennifer Unger<sup>2</sup>, Carmen Gonzalez<sup>3</sup>, Jazmyne Sutton<sup>4</sup>, Sheila Murphy<sup>5</sup>, Sandra Ball-Rokeach<sup>5</sup>, Lourdes Baezconde-Garbanati<sup>2</sup>, <sup>1</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA, <sup>2</sup>Keck School of Medicine, University of Southern California, CA, USA, <sup>3</sup>University of Washington, WA, USA, <sup>4</sup>Annenberg School for Communication, University of Pennsylvania, PA, USA, <sup>5</sup>Annenberg School for Communication & Journalism, University of Southern California, CA, USA

## POS4-8

### EMPLOYMENT DURING ADOLESCENCE: INDIVIDUAL AND SCHOOL LEVEL EFFECTS ON TOBACCO USE IN MEXICO

Amira Osman<sup>\*1</sup>, James Thrasher<sup>1</sup>, Rosaura Perez-Hernandez<sup>2</sup>, James Sargent<sup>3</sup>, <sup>1</sup>Department of Health Promotion Education and Behavior, University of South Carolina, Columbia, SC, USA, <sup>2</sup>Department of Tobacco Research, Center for Population Health Research, National Institute of Public Health, Cuernavaca, México, <sup>3</sup>Department of Pediatrics, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

Poster Session 4 • Friday, March 4, 2016 • 5:30 p.m.-7:00 p.m.

**POS4-9****A REVIEW OF SMOKING RESEARCH ON U.S. VETERANS WITH PTSD: SMOKING RATES, SMOKING-RELATED VARIABLES, AND SMOKING TREATMENTS**

*Danielle Shpigel\*, Christine Lee, Kate Segal, Hannah Esan, Alyssa Burns, Andrea Weinberger, Yeshiva University, NY, USA*

**POS4-10****EFFECTS OF FOLLOW-UP CALL ON QUALITY OF LIFE AND QUIT RATE AMONG SMOKERS CALLING THAILAND NATIONAL QUITLINE**

*Sunida Preechawong\*, Jintana Yunibhand<sup>2</sup>, Suwimon Rojnawee<sup>1</sup>, Orrawan Khongtor<sup>3</sup>, Naiyana Wongsaita<sup>4</sup>, Jirapinya Khamrath<sup>5</sup>, <sup>1</sup>Chulalongkorn University, Thailand, <sup>2</sup>Thailand National Quitline, Thailand, <sup>3</sup>Royal Thai Navy College of Nursing, Thailand, <sup>4</sup>The Royal Thai Army Nursing College, Thailand, <sup>5</sup>Royal Thai Air Force Nursing College, Thailand*

**POS4-11****DIFFERENTIATING LITTLE CIGAR/CIGARILLO (LCC) USE AND ALTERATION**

*Ming-Ching Liang\*, Kentya Ford<sup>2</sup>, LeeAnn Kahlor<sup>2</sup>, <sup>1</sup>Metropolitan State University, MN, USA, <sup>2</sup>University of Texas at Austin, TX, USA*

**POS4-12****IN-MARKET SURVEY STUDIES ON E-VAPOR PRODUCT USE – METHODOLOGICAL CONSIDERATIONS**

*Joel Schendel\*, Linda Apkarian<sup>2</sup>, John Valente<sup>2</sup>, David Feldman<sup>3</sup>, Maria Gogova\*, <sup>1</sup>Altria Client Services, LLC, VA, USA, <sup>2</sup>MarketView Research Group, Inc., NJ, USA, <sup>3</sup>SDR Consulting, GA, USA*

**POS4-13****REASONS FOR FIRST TRYING E-CIGARETTES AS PREDICTORS OF CONTINUATION AND DISCONTINUATION OVER TIME AMONG YOUTH**

*Krysten Bold\*, Grace Kong, Dana Cavallo, Deepa Camenga, Suchitra Krishnan-Sarin, Yale School of Medicine, CT, USA*

**POS4-14****SUPPORT FOR A COMPREHENSIVE SMOKEFREE POLICY IN A SMALL, MID-WESTERN TOWN WITH A CASINO**

*Kevin Everett, University of Missouri, MO, USA*

**POS4-15****PATTERNS AND CORRELATES OF ENDS AND TOBACCO DUAL USE AND MOTIVATIONS TO QUIT**

*Danielle Ramo\*, Johannes Thrul<sup>1</sup>, Alina Belohlavek<sup>1</sup>, Judith Prochaska<sup>2</sup>, <sup>1</sup>University of California, San Francisco, CA, USA, <sup>2</sup>Stanford University, CA, USA*

**POS4-16****ADULT TOBACCO USE IN 2013/14: FINDINGS FROM THE POPULATION ASSESSMENT OF TOBACCO AND HEALTH (PATH) STUDY, WAVE 1**

*Karin Kasza\*, Bridget Ambrose<sup>5</sup>, Kevin Conway<sup>2</sup>, Kristie Taylor<sup>3</sup>, K. Michael Cummings<sup>4</sup>, Maciej Goniewicz<sup>1</sup>, Nicolette Borek<sup>5</sup>, Cathy Backinger<sup>5</sup>, Wilson Compton<sup>2</sup>, Andrew Hyland<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>National Institute on Drug Abuse, MD, USA, <sup>3</sup>Westat, MD, USA, <sup>4</sup>Medical University of South Carolina, SC, USA, <sup>5</sup>Office of Science, Center for Tobacco Products, Food and Drug Administration, MD, USA*



**POS4-17****RAPID ASSESSMENT FOR ESTABLISHING EVIDENCE OF AN UNDERGROUND CIGARETTE MARKET IN OAKLAND CHINATOWN**

*Meme Wang-Schweig<sup>\*1,2</sup>, Sharon Lipperman-Kreda<sup>2</sup>, Juliet Lee<sup>2</sup>, <sup>2</sup>Prevention Research Center, CA, USA, <sup>1</sup>University of California, Berkeley, CA, USA*

**POS4-18****DEVELOPMENT OF A SURVEY INSTRUMENT TO RETROSPECTIVELY ASSESS TRANSITIONS BETWEEN USE OF MOIST SMOKELESS TOBACCO AND CIGARETTES**

*Andrea Vansickel<sup>\*1</sup>, Michael Fisher<sup>1</sup>, Linda Apkarian<sup>2</sup>, Jeanette LeBlanc<sup>2</sup>, John Valente<sup>2</sup>, David Feldman<sup>3</sup>, Mohamadi Sarkar<sup>1</sup>, <sup>1</sup>Altria Client Services, LLC, VA, USA, <sup>2</sup>MarketView Research, NJ, USA, <sup>3</sup>SDR Consulting, GA, USA*

**POS4-19****ADULT LIFETIME TRANSITIONS BETWEEN MOIST SMOKELESS TOBACCO AND CIGARETTES: RESULTS OF A LARGE, RETROSPECTIVE SURVEY IN THE UNITED STATES OF AMERICA**

*Michael Fisher<sup>\*1</sup>, Andrea Vansickel<sup>1</sup>, Linda Apkarian<sup>2</sup>, Jeanette LeBlanc<sup>2</sup>, John Valente<sup>2</sup>, David Feldman<sup>3</sup>, Mohamadi Sarkar<sup>1</sup>, <sup>1</sup>Altria Client Services, LLC, VA, USA, <sup>2</sup>MarketView Research, NJ, USA, <sup>3</sup>SDR Consulting, GA, USA*

**POS4-20****RESPONSE TO VARYING NICOTINE CONTENT LEVELS IN CIGARETTES: ACUTE EFFECTS IN VULNERABLE POPULATIONS**

*Stephen Higgins<sup>\*1</sup>, Sarah Heil<sup>1</sup>, Stacey Sigmon<sup>1</sup>, Jennifer Tidey<sup>2</sup>, Diann Gaalema<sup>1</sup>, Maxine Stitzer<sup>2</sup>, Ryan Vandrey<sup>3</sup>, Christopher Arger<sup>1</sup>, Mollie Miller<sup>2</sup>, Lauren Pacek<sup>3</sup>, <sup>1</sup>University of Vermont, VT, USA, <sup>2</sup>Brown University, RI, USA, <sup>3</sup>Johns Hopkins University School of Medicine, MD, USA*

**POS4-21****CAFFEINE CONCENTRATIONS IN COFFEE, CHOCOLATE, TEA, AND ENERGY DRINK FLAVORED E-LIQUIDS**

*Grace Lee, MPH<sup>\*1</sup>, Joseph Lisko, MS<sup>2</sup>, J. Kimbrell, BS<sup>3</sup>, Liza Valentin-Blasini, PhD<sup>2</sup>, Clifford Watson, PhD<sup>2</sup>, <sup>1</sup>Battelle Memorial Institute, GA, USA, <sup>2</sup>Centers for Disease Control and Prevention, GA, USA, <sup>3</sup>Oak Ridge Institute for Science and Education, GA, USA*

**POS4-22****PUFFING TOPOGRAPHY AND CIRCADIAN PUFFING PATTERNS AMONG ELECTRONIC CIGARETTE USERS**

*Noel Leigh<sup>\*1</sup>, Yong Hee Lee<sup>1</sup>, Leon Kosmider<sup>2</sup>, Andrzej Sobczak<sup>2</sup>, Maciej Goniewicz<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Institute of Occupational Medicine and Environmental Health and Medical University of Silesia, Poland*

**POS4-23****MENTHOL CIGARETTE SMOKERS AND E-CIGARETTE USE: CORRELATES IN A COMMUNITY SAMPLE**

*Brooke Rogers<sup>\*</sup>, Stephanie Kolar, University of Miami, FL, USA*

**POS4-24****WOMEN VETERANS' TOBACCO USE PREVALENCE: A POPULATION HEALTH COMPARISON WITH NATIONAL AND REGIONAL REFERENCE GROUPS, VETERANS AFFAIRS LOMA LINDA HEALTHCARE SYSTEM, LOMA LINDA, CA**

*Linda Ferry<sup>\*1</sup>, Ralph Clark<sup>1</sup>, Dennys Estevez<sup>2</sup>, Joanne Rodriguez<sup>2</sup>, <sup>1</sup>VA Loma Linda Healthcare System, CA, USA, <sup>2</sup>Loma Linda University, School of Public Health, CA, USA*

**POS4-25****NOVEL TOBACCO PRODUCT USE IN A NATIONALLY REPRESENTATIVE SAMPLE OF U.S. ADULTS**

*Erin Sutfin<sup>\*1</sup>, Beth Reboussin<sup>1</sup>, Amanda Richardson<sup>2</sup>, Jennifer Cornacchione<sup>1</sup>, Kimberly Wiseman<sup>1</sup>, Seth Noar<sup>2</sup>, <sup>1</sup>Wake Forest School of Medicine, NC, USA, <sup>2</sup>University of North Carolina - Chapel Hill, NC, USA*

**POS4-26****LONGITUDINAL PATTERNS OF TOBACCO USE BY COLLEGE STUDENTS**

*Erin Sutfin<sup>\*</sup>, Beth Reboussin, John Spangler, Mark Wolfson, Wake Forest School of Medicine, NC, USA*

**POS4-27****PERCEPTIONS, INTEREST IN TRYING, AND USE OF FLAVOR CAPSULE CIGARETTE BRAND VARIETIES AMONG MEXICAN ADOLESCENTS**

*Erika Abad-Vivero<sup>\*1</sup>, James Thrasher<sup>2</sup>, Inti Barrientos-Gutierrez<sup>1</sup>, Rosaura Pérez-Hernández<sup>1</sup>, Christy Kollat-Cattano<sup>3</sup>, Luz Reynales-Shigematsu<sup>1</sup>, Raúl Mejía<sup>4</sup>, James Sargent<sup>5</sup>, <sup>1</sup>National Institute of Public Health, Cuernavaca, México, Mexico, <sup>2</sup>University of South Carolina, Columbia, USA, SC, USA, <sup>3</sup>College of Charleston, SC, USA, <sup>4</sup>Centro de Estudios de Estado y Sociedad (CEDES), Argentina, <sup>5</sup>College of Dartmouth, NH, USA*

**POS4-28****WHO WANTS TO QUIT E-CIGARETTES? A STUDY OF YOUTH AND YOUNG ADULTS**

*Bo Zhang<sup>\*</sup>, Robert Schwartz, Aliya Noormohamed, Shawn O'Connor, University of Toronto, ON, Canada*

**POS4-29****IT'S NOT A QUIT ATTEMPT IF IT DOESN'T LAST A DAY? PREDICTORS OF SERIOUS QUIT ATTEMPTS OF LESS THAN 24 HOURS DURATION**

*Michael Chaiton<sup>\*1</sup>, Peter Selby<sup>1,2</sup>, Joanna Cohen<sup>3</sup>, Susan Bondy<sup>1</sup>, Robert Schwartz<sup>1</sup>, <sup>1</sup>University of Toronto, ON, Canada, <sup>2</sup>Centre for Addiction and Mental Health, ON, Canada, <sup>3</sup>Johns Hopkins Bloomberg School of Public Health, MD, USA*

**POS4-30****WEB-BASED ELECTRONIC CIGARETTE AVAILABILITY AT RETAIL LOCATIONS IN RICHMOND, VA**

*Michael Sawdey<sup>\*</sup>, Elizabeth Prom-Wormley, Virginia Commonwealth University, VA, USA*

**POS4-31****CHARACTERISTICS, USE PATTERNS, AND PERCEPTIONS OF ELECTRONIC CIGARETTE USERS WHO WERE NEVER TRADITIONAL CIGARETTE SMOKERS**

*Erin Hammett<sup>\*</sup>, Susan Veldheer, Jessica Yingst, Shari Hrabovsky, Jonathan Foulds, Penn State University - College of Medicine, PA, USA*

**POS4-32****POLYTOBACCO USE AMONG SMOKERS LIVING WITH HIV DRAWN FROM A NATIONALLY REPRESENTATIVE SAMPLE**

*Lauren Pacek<sup>\*</sup>, Maggie Sweitzer, Francis McClernon, Duke University Medical Center, NC, USA*

**POS4-33****SMOKERS WHO DON'T IDENTIFY AS SMOKERS: A NATIONALLY REPRESENTATIVE SURVEY OF ADULTS IN THE U.S.**

*Youn Ok Lee<sup>\*1</sup>, Jamie Guillory<sup>1</sup>, Pamela Ling<sup>2</sup>, <sup>1</sup>RTI International, NC, USA, <sup>2</sup>University of California San Francisco, CA, USA*

**POS4-34****PATTERNS OF POLYTOBACCO PRODUCT USE IN U.S. YOUTH AND YOUNG ADULTS, 2011-2013**

*Andrea Villanti, MPH, PhD<sup>1,2</sup>, Jennifer Pearson, MPH, PhD<sup>1,2</sup>, Lauren Katz, MPH<sup>1</sup>, Raymond Niaura, PhD<sup>1,2,3</sup>, <sup>1</sup>Schroeder Institute for Tobacco Research and Policy Studies at Truth Initiative, DC, USA, <sup>2</sup>Johns Hopkins Bloomberg School of Public Health, DC, USA, <sup>3</sup>Georgetown University Medical Center, DC, USA*

**POS4-35****EXPLAINING VARIATION IN OUTCOMES OF COMPLEX INTERVENTIONS FOR SMOKING CESSATION**

*Omara Dogar\*, Kamran Siddiqi, University of York, United Kingdom*

**POS4-36****CHEMICAL CHARACTERIZATION OF ORAL TOBACCO PRODUCTS**

*Stephanie Buehler<sup>1</sup>, Margaret Tefft<sup>1</sup>, Christina Saeger<sup>1</sup>, Laura Wilson<sup>1</sup>, Sydney Gordon<sup>1</sup>, Ian MacGregor<sup>1</sup>, Douglas Turner<sup>1</sup>, Martha McCauley<sup>1</sup>, Azie Kidanu<sup>2</sup>, Pamela Clark<sup>2</sup>, <sup>1</sup>Battelle Public Health Center for Tobacco Research, OH, USA, <sup>2</sup>University of Maryland School of Public Health, MD, USA*

**POS4-37****"IT'S LUDICROUS" – HOW CURRENT SYSTEMS FAIL TO SUPPORT CLINICIANS IN IMPLEMENTING SMOKING CESSATION GUIDELINES IN PREGNANCY**

*Megan Passey\*, Jo Longman<sup>1</sup>, Jennifer Johnston<sup>1</sup>, Cathy Adams<sup>2</sup>, <sup>1</sup>University of Sydney, Australia, <sup>2</sup>Northern Sydney Local Health District, Australia*

**POS4-38****ATTENTIONAL BIAS TO SMOKING CUES PREDICTS AD LIB SMOKING IN THE LAB**

*Carillon Skrzynski\*, Nina Hill, Laura Pacilio, Kasey Creswell, Carnegie Mellon University, PA, USA*

**POS4-39****ASSESSING 30-DAY QUANTITY-FREQUENCY OF U.S. ADOLESCENT CIGARETTE SMOKING AS A PREDICTOR OF ADULT SMOKING 14 YEARS LATER**

*Megan Saddleson\*, Lynn Kozlowski<sup>2</sup>, Gary Giovino<sup>2</sup>, Gregory Homish<sup>2</sup>, Martin Mahoney<sup>3</sup>, Maciej Goniewicz<sup>3</sup>, <sup>1</sup>University of Pennsylvania, NY, USA, <sup>2</sup>SUNY, University at Buffalo, NY, USA, <sup>3</sup>Roswell Park Cancer Institute, NY, USA*

**POS4-40****COMPARING NON-USERS OF ALCOHOL AND TOBACCO WITH USERS: RESULTS FROM A CROSS-SECTIONAL SURVEY OF 15-YEAR-OLDS**

*Ingeborg Lund\*, Janne Scheffels, Norwegian Institute for Alcohol and Drug Research (SIRUS), Norway*

**POS4-41****REASONS FOR USING FLAVORED LIQUIDS AMONG ELECTRONIC CIGARETTE USERS: A CONCEPT MAPPING STUDY**

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**POS4-42****INDOOR AIR CHEMISTRY: AN EXPLORATORY STUDY ON E-CIGARETTES SHOWS NO NEGATIVE IMPACT ON INDOOR AIR QUALITY**

*Catherine Goujon, Philip Morris International Research and Development, Switzerland*

**POS4-43****IMPULSIVITY AND MENTAL HEALTH OUTCOMES AMONG USERS OF CIGARETTES AND CIGARS**

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**POS4-44****INTERACTING WITH LATINO SMOKERS VIA TEXT-MESSAGING**

Ana Cupertino<sup>\*1</sup>, Kendra Cruz<sup>1</sup>, Mariana Ramirez<sup>1</sup>, Jaime Perales<sup>1</sup>, Mitzi Ramirez<sup>1</sup>, Lucia Martinez<sup>1</sup>, Scott Werntz<sup>2</sup>, Lisa Cox<sup>1</sup>, Edward Ellerbeck<sup>1</sup>, <sup>1</sup>University of Kansas Medical Center, KS, USA, <sup>2</sup>Agile Health, IL, USA

**POS4-45****A SYSTEM DYNAMICS MODELING APPROACH FOR ASSESSING THE POTENTIAL HEALTH IMPACT AS RESULT OF LAUNCHING A NEW NICOTINE PRODUCT IN A MARKET**

Andrew Hill<sup>1</sup>, Oscar Martin Camacho<sup>\*2</sup>, <sup>1</sup>Ventana Systems UK, United Kingdom, <sup>2</sup>British American Tobacco, United Kingdom

**POS4-46****CHEMICAL ANALYSIS AND HEALTH ASSESSMENT OF AN ALTERNATIVE TOBACCO PRODUCT (MIDWAKH)**

Sarah Dalibalta<sup>\*</sup>, Yehya Elsayed, Maissam ElKouche, Ziad Sara, American University of Sharjah, United Arab Emirates

**POS4-47****"AIN'T NOTHING EASY ABOUT QUITTING": PERSPECTIVES ON TOBACCO USE AND CESSATION FROM YOUNG BLACK SMOKERS**

Elizabeth Seaman<sup>\*</sup>, Craig Fryer, University of Maryland College Park School of Public Health, MD, USA

**POS4-48****FACTORS ASSOCIATED WITH DUAL USE OF CONVENTIONAL AND ELECTRONIC CIGARETTES: FOCUS GROUP STUDY AMONG CURRENT ADULT SMOKERS**

Ban Majeed<sup>\*</sup>, Joy Burns, Kymberle Sterling, Shanta Dube, Michael Eriksen, SPH/GSU, GA, USA

**POS4-49****DOES CLOUD CHASING SPILL OVER: THIRDHAND VAPOR FOUND IN VAPOR SHOP NEIGHBORS**

Micah Savin<sup>\*1</sup>, Evan Floyd<sup>1</sup>, Subekchhya Aryal<sup>2</sup>, David Johnson<sup>2</sup>, Ted Wagener<sup>1</sup>, Lurdes Queimado-Young<sup>1</sup>, Jun Wang<sup>2</sup>, <sup>1</sup>Oklahoma Tobacco Research Center, CA, USA, <sup>2</sup>University of Oklahoma, OK, USA

**POS4-50****DUAL CIGARETTE AND E-CIGARETTE USE: EXAMINING PEER TOBACCO USE AND TOBACCO USE ATTITUDES**

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**POS4-51****SCHOOL BULLYING AND SUSCEPTIBILITY TO SMOKING AMONG NEVER-SMOKING ADOLESCENTS**

Sunday Azagba, University of Waterloo

**POS4-52****THIRDHAND SMOKE RESEARCH AT PHILIP MORRIS**

Adam Whitlatch, Suzaynn Schick<sup>\*</sup>, University of California, San Francisco, CA, USA

**POS4-54****SLOWING MENTHOL'S PROGRESS: DIFFERENTIAL IMPACT OF A TOBACCO TAX INCREASE ON CIGARETTE SALES**

*Michael Amato\*, Joanne D'Silva, Raymond Boyle, ClearWay Minnesota, MN, USA*

**POS4-55****NEW ZEALAND SMOKERS' VIEWS OF FINANCIAL INCENTIVES TO QUIT SMOKING**

*Lindsay Robertson\*, Louise Marsh, Rob McGee, Janet Hoek, Phil Gendall, University of Otago, New Zealand*

**POS4-56****THE IMPACT OF HEALTH WARNING LABELS ON SMOKING PREVALENCE: FINDINGS FROM GATS AND GYTS AND IMPLICATIONS FOR FUTURE FDA REGULATORY ACTIONS**

*Ce Shang\*, Jidong Huang, Frank Chaloupka, University of Illinois at Chicago, IL, USA*

**POS4-57****THE EFFECT OF POINT-OF-SALE ADVERTISING BANS ON YOUTH SMOKING - FINDINGS FROM THE GLOBAL YOUTH TOBACCO SURVEY (GYTS)**

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**POS4-59****LGBTQ TOBACCO USE PREVENTION AND CESSATION INTERVENTION PREFERENCES: A QUALITATIVE ANALYSIS OF FOCUS GROUPS**

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**POS4-60****WHO SMOKES IN THE MOVIES? THE PREVALENCE AND CORRELATES OF SMOKING AMONGST MAJOR CHARACTERS IN POPULAR ARGENTINE-, MEXICAN- AND U.S.-PRODUCED FILMS, 2004-2012**

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**POS4-61****GRAPHIC WARNING LABELS AND THE COST SAVINGS FROM REDUCED SMOKING AMONG PREGNANT WOMEN**

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**POS4-62****GRAPHIC WARNING LABELS AND THE COST SAVINGS FROM SECONDHAND SMOKE**

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**POS4-63****USE OF PRICE-RELATED PROMOTIONS AMONG U.S. ADULTS WHO CURRENTLY USE ELECTRONIC NICOTINE DELIVERY SYSTEMS**

*Xin Xu\*, Ralph Caraballo, Kristy Marynak, Shanna Cox, Linda Neff, Brian King, Centers for Diseases Control and Prevention, GA, USA*

**POS4-64****EXAMINING SMOKERS DEMAND FOR E-CIGARETTES: EVIDENCE FROM EXPERIMENTAL AUCTIONS**

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**POS4-65****INVESTIGATING DIMENSIONALITY AND MEASUREMENT BIAS OF DSM-5 TOBACCO USE DISORDER CRITERIA IN A REPRESENTATIVE SAMPLE OF THE LARGEST METROPOLITAN AREA IN SOUTH AMERICA**

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**POS4-66****PSYCHOMETRIC ANALYSIS OF FAGERSTRÖM TEST FOR NICOTINE DEPENDENCE IN NEPALESE POPULATION**

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**POS4-67****USE OF HIGH/NICOTINE TAR (FULL FLAVOR) CIGARETTES AND RISK FOR NICOTINE DEPENDENCE IN NATIONALLY REPRESENTATIVE SAMPLES OF U.S. SMOKERS**

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**POS4-68****DEVELOPMENTAL PATTERNS AND TRANSITIONS OF CIGARETTE SMOKING IN A NATIONALLY REPRESENTATIVE SAMPLE OF YOUNG ADULTS**

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**POS4-69****TOBACCO RELATED CONVERSATIONS ON TWITTER AND SMOKING**

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**POS4-70****LONG-TERM AND SHORT-TERM USE OF E-CIGARETTES AMONG SMOKERS: IMPLICATIONS FOR SMOKING CESSATION**

*Yue-Lin Zhuang\**, Shu-Hong Zhu, University of California, San Diego, CA, USA

**POS4-71****ALTERNATIVE TOBACCO PRODUCT USE AMONG A DIVERSE SAMPLE OF YOUNG ADULTS**

*Alissa Link<sup>1</sup>, Donna Shelley<sup>1</sup>, Paul Krebs<sup>1</sup>, Ashley Chastain<sup>2</sup>, Nicholas Freudenberg<sup>3</sup>, Scott Sherman<sup>\*1,4</sup>*, <sup>1</sup>New York University School of Medicine, NY, USA, <sup>2</sup>Graduate Center, City University of New York, NY, USA, <sup>3</sup>Hunter College, City University of New York, NY, USA, <sup>4</sup>VA New York Harbor Healthcare System, NY, USA

**POS4-72****CO-OCCURRENCE OF TOBACCO USE, PHYSICAL INACTIVITY, AND BINGE DRINKING: IMPACT ON SELF-REPORTED CHRONIC DISEASE AMONG U.S. ADULTS, 2013**

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**POS4-73****E-CIGARETTES ARE NOT THE ENDS OF THE STORY: AN INVESTIGATION OF ELECTRONIC HOOKAH PREVALENCE IN YOUNG ADULTS**

*Jordan Wilkins\*, Michelle Sisson, Samantha Russell, Ashley Hanlon*, Northern Arizona University, AZ, USA

**POS4-74****FACTORS ASSOCIATED WITH E-CIGARETTE USE AMONG ADULTS WITH A SMOKING HISTORY**

*Brooke Genkin\*, Stephanie Kolar*, University of Miami, FL, USA

**POS4-75****SUSCEPTIBILITY TO TOBACCO PRODUCT USE AMONG YOUTH IN WAVE 1 OF THE POPULATION ASSESSMENT OF TOBACCO HEALTH (PATH) STUDY**

*Dennis Trinidad<sup>\*1</sup>, John Pierce<sup>1</sup>, James Sargent<sup>2</sup>, Martha White<sup>1</sup>, David Strong<sup>1</sup>, David Portnoy<sup>3</sup>, Victoria Green<sup>4</sup>, Cassandra Stanton<sup>5</sup>, Kelvin Choi<sup>6</sup>, Maansi Bansal-Travers<sup>7</sup>*, <sup>1</sup>University of California, San Diego, CA, USA, <sup>2</sup>Dartmouth University, NH, USA, <sup>3</sup>US Food and Drug Administration, MD, USA, <sup>4</sup>NIDA, MD, USA, <sup>5</sup>Westat Inc, MD, USA, <sup>6</sup>University of Minnesota, MN, USA, <sup>7</sup>Roswell Park Cancer Institute, NY, USA

**POS4-76****AWARENESS OF ELECTRONIC CIGARETTES AMONG THE GENERAL POPULATION AND MEDICAL EXPERTS**

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**POS4-77****E-CIGARETTE USE AND RISK PERCEPTION AMONG SOUTH AFRICAN ADULT POPULATION**

*Olalekan Ayo-Yusuf, Sefako Makgatho Health Sciences University*, Pretoria, South Africa

**POS4-78****TOBACCO CONTROL POLICIES AND YOUTH CIGARETTE SMOKING: EVIDENCE FROM STATE YOUTH RISK BEHAVIORAL SURVEY FROM 1991 TO 2013**

*Terry Pechacek, Bo Feng\**, Georgia State University, GA, USA

**POS4-79****A CONTENT ANALYSIS OF ELECTRONIC HEALTH RECORD (EHR) FUNCTIONALITY TO SUPPORT TOBACCO TREATMENT**

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**POS4-80****THE ASSOCIATION OF WATERPIPE SMOKING WITH CORONARY ARTERY CALCIUM SCORE IN A COMMUNITY BASED SAMPLE**

Marwa Adawi<sup>\*1</sup>, Hassan Chami<sup>2</sup>, Ahmad Al Mulla<sup>1</sup>, Blanche Ghandour<sup>2</sup>, Nadine Ammar<sup>2</sup>, Mariam Al Kuwari<sup>1</sup>, <sup>1</sup>Hamad Medical Corporation - Qatar,, <sup>2</sup>American University of Beirut Medical Center - Lebanon

**POS4-81****BELIEVABILITY OF CIGAR WARNINGS: IMPACT OF SOURCE AND MESSAGE**

Kristen Jarman<sup>\*1</sup>, Amanda Richardson<sup>1</sup>, Jennifer Cornacchi-one<sup>2</sup>, Thad Benefield<sup>1</sup>, Adam Goldstein<sup>1</sup>, <sup>1</sup>University of North Carolina at Chapel Hill, NC, USA, <sup>2</sup>Wake Forest School of Medicine, NC, USA

**POS4-82****ACUTE SUBJECTIVE RESPONSES TO SMOKELESS TOBACCO PRODUCTS: RESULTS FROM TRIAL 2**

Babita Das<sup>\*1</sup>, Raul Cruz-Cano<sup>1</sup>, Azieb Kidanu<sup>1</sup>, Lizette Nkong-ho<sup>1</sup>, Nicole Havis<sup>1</sup>, Hyoshin Kim<sup>2</sup>, Marielle Brinkman<sup>3</sup>, Sydney Gordon<sup>3</sup>, Pamela Clark<sup>1</sup>, <sup>1</sup>University of Maryland School of Public Health, Tobacco Center of Regulatory Science, MD, USA, <sup>2</sup>Battelle Memorial Institute, MD, USA, <sup>3</sup>Battelle Memorial Institute, OH, USA

**POS4-83****THE ASSOCIATION OF WATERPIPE SMOKING WITH QUANTITATIVE CT MEASURED EMPHYSEMA IN A COMMUNITY BASED SAMPLE**

Ahmad Al Mulla<sup>\*1</sup>, Hassan Chami<sup>2</sup>, Marwa Adawi<sup>1</sup>, Blanche Ghandour<sup>3</sup>, Nadine Ammar<sup>3</sup>, Mariam Al Kuwari<sup>1</sup>, <sup>1</sup>Hamad Medical Corporation - Qatar,, <sup>2</sup>American University of Beirut - Lebanon, <sup>3</sup>American University of Beirut Medical Center - Lebanon

**POS4-84****ADAPTING THE HEAVINESS OF SMOKING INDEX FOR USE WITH PREGNANT CIGARETTE SMOKERS**

Allison Kurti<sup>\*</sup>, Joan Skelly, Stephen Higgins, University of Vermont, VT, USA

**POS4-85****FREE RADICAL AND ALDEHYDE EXPOSURE FROM LITTLE CIGARS**

Samantha Reilly<sup>\*</sup>, Reema Goel, Zachary Bitzer, Neil Trushin, Ryan Elias, John Richie, Jr., Pennsylvania State University, PA, USA

**POS4-86****PRO-OXIDANT CONTENT OF MAINSTREAM SMOKE IN POPULAR COMMERCIAL CIGARETTES**

Reema Goel<sup>\*</sup>, Samantha Reilly, Zachary Bitzer, Neil Trushin, Ryan Elias, John Richie, Pennsylvania State University, PA, USA



**POS4-87****A COMPARISON OF RISK AND BENEFIT PERCEPTIONS OF E-CIGARETTES, CIGARS, AND CIGARETTES AMONG OLDER CURRENT AND FORMER SMOKERS**

Kevin Delucchi, University of California, San Francisco, CA, USA

**POS4-88****PREDICTORS OF PROVIDER ADHERENCE TO TOBACCO USE TREATMENT GUIDELINES AND ORGANIZATIONAL PRIORITY**

Danielle Khalife<sup>1</sup>, Sarah Borderud<sup>1</sup>, Mirelis Gonzalez<sup>2</sup>, Alena Campo<sup>2</sup>, Yuelin Li<sup>1</sup>, Donna Shelley<sup>2</sup>, Jamie Ostroff<sup>\*1</sup>, <sup>1</sup>Memorial Sloan Kettering Cancer Center, NY, USA, <sup>2</sup>New York University, NY, USA

**POS4-89****THE RELATION OF SMOKING MOTIVATIONS AND BIOMARKERS OF TOBACCO EXPOSURE IN AFRICAN AMERICAN AND CAUCASIAN SMOKERS**

Natalie Nardone\*, Neal Benowitz, University of California, San Francisco, CA, USA

**POS4-90****ELECTRONIC CIGARETTE AVAILABILITY AND ADVERTISING AROUND A SAMPLE OF NEW JERSEY HIGH SCHOOLS**

Daniel Giovenco\*, Myriam Casseus, M. Lewis, Cristine Delnevo, Rutgers University School of Public Health, NJ, USA

**POS4-91****LOW SOCIOECONOMIC STATUS IS ASSOCIATED WITH E-CIGARETTE AND TOBACCO PRODUCT USE LATENT CLASS MEMBERSHIP**

Patricia Simon<sup>\*1</sup>, Deepa Camenga<sup>1</sup>, Grace Kong<sup>1</sup>, Dana Cavallo<sup>1</sup>, Meghan Morean<sup>2</sup>, Kevin Gutierrez<sup>1</sup>, Suchitra Krishnan-Sarin<sup>1</sup>, <sup>1</sup>Yale School of Medicine, CT, USA, <sup>2</sup>Oberlin College and Yale School of Medicine, CT, USA

**POS4-92****ADOLESCENT USE OF E-CIGARETTES VS. CIGARETTES: THE ROLE OF SMOKING SUSCEPTIBILITY**

Kristina Jackson, Cara Murphy, William Lechner, Suzanne Colby\*, Michelle Rogers, Brown University, RI, USA

**POS4-93****SMOKING TOPOGRAPHY COMPARISON AMONG DAILY AND NON-DAILY SMOKERS**

Nicolle Krebs<sup>1</sup>, Junjia Zhu<sup>1</sup>, Joshua Muscat<sup>2</sup>, <sup>1</sup>Penn State College of Medicine, PA, USA, <sup>2</sup>College of Medicine, PA, USA

**POS4-94****LUNG CANCER SCREENING AWARENESS AND ATTITUDES AMONG SMOKERS: FINDINGS FROM THE ITC US SURVEY (2013-14)**

Anushree Sharma<sup>\*1,2</sup>, Richard O'Connor<sup>1</sup>, Maansi Bansal-Travers<sup>1</sup>, Andrew Hyland<sup>1</sup>, K. Michael Cummings<sup>3</sup>, Mary Reid<sup>1</sup>, <sup>1</sup>Roswell Park Cancer Institute, NY, USA, <sup>2</sup>Medical University of South Carolina, NY, USA, <sup>3</sup>SUNY University at Buffalo, NY, USA

**POS4-95****THE IMPACT OF VIEWING AN ADVERTISEMENT FOR REDUCED NICOTINE CONTENT CIGARETTES ON BELIEFS: EFFECTS ON SUBSEQUENT SMOKING BEHAVIORS**

Melissa Mercincavage\*, Megan Saddleon, Andrew Strasser, University of Pennsylvania, PA, USA

**POS4-96****ADAPTATION OF AN AMERICAN ONLINE SMOKING PREVENTION PROGRAM IN ROMANIA**

Zoltan Abram\*, Iosif Balint, Monika Csibi, Valentin Nadasan,  
University of Medicine and Pharmacy Targu Mures, Romania

**POS4-97****HARDCORE SMOKERS VERSUS OTHER SMOKERS: WHAT MAKES HARDCORE SMOKERS UNIQUE?**

Raees Shaikh\*, Mohammad Siahpush<sup>1</sup>, Melissa Tibbits<sup>1</sup>,  
Chandran Achutan<sup>1</sup>, Kendra Schmid<sup>1</sup>, Gopal Singh<sup>2</sup>, <sup>1</sup>University  
of Nebraska Medical Center, NE, USA, <sup>2</sup>Global Health and  
Education Projects, MD, USA

**POS4-99****HOW DO CONSUMERS USE THE CANDIDATE MRTP TOBACCO HEATING SYSTEM (THS): ANALYSIS OF WHOLE OFFER TEST DATA FROM FIVE COUNTRIES**

Steve Roulet<sup>\*1</sup>, Pierpaolo Magnani<sup>1</sup>, Gerd Kallischnigg<sup>2</sup>,  
Stefano Badoglio<sup>1</sup>, Kurt Ackermann<sup>3</sup>, Marcus Veit<sup>3</sup>, Antonio  
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Market Research & Innovation, Switzerland, <sup>2</sup>ARGUS –  
Statistics and Information Systems in Environment and Public  
Health, Germany, <sup>3</sup>FehrAdvice & Partners, Switzerland

**POS4-100****IMPACT OF HEIGHT AND FILTRATION MEDIA ON SIZE DISTRIBUTION OF INHALABLE FRACTION OF WATERPIPE TOBACCO SMOKE USING A TSI NANOSCAN**

Cindy Hauser<sup>\*1</sup>, Austin Crouse<sup>1</sup>, Kate Cerully<sup>2</sup>, <sup>1</sup>Davidson College,  
NC, USA, <sup>2</sup>TSI Incorporated, MN, USA

**POS4-101****EXPLORING THE EFFECT OF MARIJUANA USE ON THE ASSOCIATION BETWEEN MAJOR DEPRESSIVE EPISODES AND THE PROGRESSION FROM INITIATING CIGARETTE USE TO SMOKING DAILY AMONG ADOLESCENTS**

Hoda Elmasry, MPH<sup>\*1</sup>, Amy Cohn, PhD<sup>1,2</sup>, Raymond Niaura,  
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Studies at Truth Initiative, DC, USA, <sup>2</sup>Georgetown University  
Medical Center, DC, USA, <sup>3</sup>Johns Hopkins Bloomberg School  
of Public Health

**POS4-102****SOCIO-DEMOGRAPHIC DISPARITIES IN POINT-OF-SALE CIGARETTE MARKETING: RESULTS FROM A POPULATION-BASED STUDY**

Raees Shaikh<sup>\*1</sup>, Mohammad Siahpush<sup>1</sup>, Theodore Wagener,  
PhD<sup>2</sup>, Jennifer Vidrine, PhD<sup>2</sup>, Melissa Tibbits<sup>1</sup>, Ghada Soliman<sup>1</sup>,  
<sup>1</sup>University of Nebraska Medical Center, NE, USA, <sup>2</sup>University of Oklahoma,  
OK, USA

**POS4-103****EFFECTIVENESS OF INTERVENTION IN SMOKING CESSATION AMONG ROMANIAN UNIVERSITY STUDENTS**

Zsuzsanna Szasz<sup>\*1,2</sup>, Levente Biro<sup>2</sup>, Henriett Mathe<sup>1</sup>, Cindy  
Hauser<sup>3</sup>, Annamaria Iclanzan-Demeter<sup>1</sup>, Hotratiu Moldovan<sup>1,2</sup>,  
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Romania, <sup>2</sup>Mures County Hospital Romania, Romania, <sup>3</sup>Davidson  
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**POS4-104****WATER PIPE SMOKING AND SUSCEPTIBILITY TO CIGARETTE SMOKING AMONG YOUNG ADULTS IN THE UNITED STATES**

Rifat Haider<sup>1</sup>, Tracey Barnett<sup>2</sup>, Yi Guo<sup>2</sup>, James Thrasher<sup>1</sup>,  
Wasim Maziak<sup>3</sup>, <sup>1</sup>University of South Carolina, SC, USA, <sup>2</sup>University  
of Florida, FL, USA, <sup>3</sup>Florida International University,  
FL, USA

**POS4-105****SUCCESSFUL ENROLLMENT OF A TARGETED POPULATION USING TAILORED COUNTY-LEVEL RECRUITMENT STRATEGIES**

*Sarah Reisinger<sup>\*1</sup>, Patrick Feeney<sup>2</sup>, Juliana Nemeth<sup>1</sup>, Abigail Shoben<sup>1</sup>, Mary Ellen Wewers<sup>1</sup>, <sup>1</sup>The Ohio State University, OH, USA, <sup>2</sup>Emory University, GA, USA*

**POS4-106****THE RELATIONSHIP OF CIGARETTES AND CIGARS TO OLDER ADULTS' MARIJUANA USE: EVIDENCE FROM THE NATIONAL SURVEY ON DRUG USE AND HEALTH**

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**POS4-107****PROMOTING TOBACCO PREVENTION AMONG SOMALI YOUTH IN THE TWIN CITIES, MINNESOTA USING SOCIAL MEDIA**

*Erika Pinsker<sup>\*1</sup>, Akiko Tanaka<sup>2</sup>, Abdillahi Kahin<sup>2</sup>, Abdillahi Ganey<sup>2</sup>, Kathleen Call<sup>1</sup>, Diana DuBois<sup>2</sup>, Kolawole Okuyemi<sup>1</sup>, <sup>1</sup>University of Minnesota, MN, USA, <sup>2</sup>WellShare International, MN, USA*

**POS4-108****DEVELOPMENT OF A MICRO-COLD VACUUM TRAP FOR HOOKAH TOBACCO AND TOBACCO ALTERNATIVE SMOKE VOC COLLECTION**

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**POS4-110****TAX RECIPROCITY AGREEMENTS AS A STRATEGY TO REDUCE TRIBAL TOBACCO SALES IN OKLAHOMA**

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**POS4-111****EFFECT OF RECENT E-CIGARETTE ADVERTISEMENTS ON YOUNG PEOPLE'S INTEREST IN USING E-CIGARETTES AND SMOKING TOBACCO CIGARETTES**

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**POS4-112****PUBLIC AWARENESS AND PERCEPTION OF FDA AS A REGULATOR OF TOBACCO: A QUALITATIVE INVESTIGATION**

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**POS4-113****DO TREATMENT SEEKING SMOKERS USE E-CIGARETTES DIFFERENTLY THAN THE GENERAL POPULATION?**

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**POS4-114****COMPARING SMOKING CONSUMPTION TRENDS OF HISPANIC/LATINO NATIONALITY GROUPS IN CALIFORNIA AND THE UNITED STATES BETWEEN THE 1990S AND 2000S**

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**POS4-115****NICOTINE CONCENTRATION IN ELECTRONIC CIGARETTES USED BY ADOLESCENTS**

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**POS4-117****PERCEPTIONS ABOUT PRODUCT FEATURES AND THE Pervasiveness OF BLUNT USE AMONG YOUNG ADULT CIGARILLO USERS**

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**POS4-118****PREDICTORS OF ELECTRONIC CIGARETTE AND ALTERNATIVE TOBACCO PRODUCT EXPERIMENTATION AMONG ROMANIAN ADOLESCENTS**

Valentin Nadasan<sup>\*1</sup>, Kristie Foley<sup>2</sup>, Melinda Péntzes<sup>3</sup>, Edit Paulik<sup>4</sup>, Stefan Mihaicuta<sup>5</sup>, Zoltán Ábrám<sup>1</sup>, Iosif Bálint<sup>1</sup>, Robert Urbán<sup>6</sup>, <sup>1</sup>University of Medicine and Pharmacy of Tirgu Mures - Tirgu Mures, Romania, <sup>2</sup>Wake Forest University Medical School - Winston-Salem, NC, USA, <sup>3</sup>Semmelweis University - Budapest, Hungary, <sup>4</sup>University of Szeged - Szeged, Hungary, <sup>5</sup>University of Medicine and Pharmacy of Timisoara - Timisoara, Romania, <sup>6</sup>Eötvös Loránd University - Budapest, Hungary

**POS4-119****THE DOCTOR WILL SEE YOU NOW: PHYSICIAN TOBACCO SCREENING AND ADVICE TO QUIT AMONG ADOLESCENTS**

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**POS4-121****CORRELATES OF SELF-REPORTED CIGAR, FLAVORED CIGAR, AND PREMIUM CIGAR USE AMONG U.S. YOUNG ADULTS: 2011-2014**

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**PLACEMENT OF ELECTRONIC NICOTINE DELIVERY SYSTEMS IN TRADITIONAL TOBACCO RETAILERS IN CHARLOTTE, NC**

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*Sol Yu\**, Soonchunhyang Univ. South Korea, Republic of Korea

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*Robert Hornik<sup>\*</sup>, Laura Gibson, University of Pennsylvania, PA, USA*

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*Dana Cavallo<sup>1</sup>, Deepa Camenga<sup>1</sup>, Meghan Morean<sup>2</sup>, Patricia Simon<sup>1</sup>, Kevin Gutierrez<sup>1</sup>, Suchitra Krishnan-Sarin<sup>1</sup>, <sup>1</sup>Yale School of Medicine, CT, USA, <sup>2</sup>Oberlin College, OH, USA*

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**POS4-148****DIFFERENTIATING PERSISTENT E-CIGARETTE USERS: ASSESSING THE ACCURACY OF USE FREQUENCY AS A PREDICTIVE MEASURE**

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**POS4-150****NEW GENERATIONS OF TOBACCO USERS: ADOLESCENT POLYTOBACCO USE PATTERNS**

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**POS4-153****IMPLICIT PERCEPTIONS OF HARM FOR E-CIGARETTES IN NAIVE AND NON-NAIVE YOUNG ADULT E-CIGARETTE USERS**

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Alison Breland, PhD<sup>\*1</sup>, Caroline Cobb, PhD<sup>1</sup>, Melissa Blank, PhD<sup>2</sup>, Tory Spindle, PhD<sup>1</sup>, Carolina Ramoa, PhD<sup>1</sup>, Thomas Eissenberg, PhD<sup>1</sup>, <sup>1</sup>Virginia Commonwealth University, <sup>2</sup>West Virginia University

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Peter Hendricks, PhD<sup>\*</sup>, JeeWon Cheong, PhD, Kathleen Harrington, PhD, MPH, Connie Kohler, DrPH, William Bailey, MD, School of Public Health, University of Alabama at Birmingham, Birmingham, AL

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Erin McClure, PhD<sup>\*</sup>, Nathaniel Baker, MS, Susan Sonne, PharmD, Kevin Gray, MD, Medical University of South Carolina

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David Bohac, PhD<sup>\*</sup>, Emily Waldhart, MPH, Zheng Zhou, PhD, Center for Energy and Environment

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## SCHEDULE- AT-A-GLANCE

Schedule-at-a-Glance

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## WEDNESDAY, MARCH 2, 2016

7:00 a.m.-8:00 p.m. . . . . Chicago Ballroom 10 (Level 4)  
**Registration**

8:00 a.m.-12:00 noon

**Pre-Conference Workshops** (*available at an additional fee*)

8:00 a.m.-12:00 noon . . . . . Chicago Ballroom 9 (Level 4)

**Pre-Conference Workshop #1**

The Changing Landscape of Nicotine and Tobacco Use: What Tobacco Treatment Clinicians and Researchers Need to Know

8:00 a.m.-12:00 noon . . . . . Ohio (Level 2)

**Pre-Conference Workshop #2**

Strengthening Tobacco Research Capacity in Low- and Middle-Income Countries: Strategies, Challenges, and Lessons Learned

8:00 a.m.-12:00 noon . . . . . Huron (Level 2)

**Pre-Conference Workshop #3**

Building an Evidence Base for Reducing Smoking Disparities Between Indigenous and Non-Indigenous Peoples

8:00 a.m.-12:00 noon . . . . . Erie (Level 2)

**Pre-Conference Workshop #4**

Tobacco Control in a Rapidly Changing Media Environment

8:00 a.m.-12:00 noon . . . . . Superior B (Level 2)

**Pre-Conference Workshop #5**

Tobacco Industry Documents Research and Global Health Justice Movement

8:00 a.m.-12:00 noon . . . . . Chicago Ballroom 8 (Level 4 Floor)

**Pre-Conference Workshop #6**

Perspectives on Nicotine: Science and Policy

8:00 a.m.-12:00 noon . . . . . Huron (Level 2)

**Pre-Conference Workshop #7**

NIH and FDA Funding Opportunities for Early Career Researchers

8:00 a.m.-12:00 noon . . . . . Missouri (Level 2)

**Pre-Conference Workshop #8**

Statistical Analysis of Complex Surveys With Replicate Weights Using SAS Survey Package

1:00 p.m.-3:15 p.m.

**Network Meetings**

Plan to join your colleagues and attend the Network meeting of interest.

1:00 p.m. - 2:00 p.m.

*Adolescent Network Meeting: Mississippi (Level 2)*

*Genetics Network Meeting: Arkansas (Level 2)*

*Global Health Network Meeting: Ohio (Level 2)*

*Health Disparities Network Meeting: Chicago 8 (Level 4)*

2:15 p.m. - 3:15 p.m.

*Basic Science Network Meeting: Missouri (Level 2)*

*Public Health Policy Network Meeting: Ontario (Level 2)*

*Treatment Network Meeting: Chicago 8 (Level 4)*

1:00 p.m.-8:00 p.m. . . . . Ballroom Office (Level 4)

**Speaker Ready Room**

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/ Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment



3:30 p.m.-4:30 p.m.

**Transdisciplinary Topical Discussions**  
(#1-#5 are held concurrently)

**TTD #1 . . . . . Superior A (Level 2)**

The Future of Nicotine

*Moderator: Scott Leischow, PhD*

**TTD #2 . . . . . Ohio (Level 2)**

Should Clinicians Counsel Tobacco Users to Reduce or Quit  
Through the use of Electronic Nicotine Delivery Systems  
(ENDS)?

*Moderators: Adam O. Goldstein, MD, MPH; Edward Anselm, MD*

**TTD #3 . . . . . Huron (Level 2)**

What Does the Endgame for Ending the Tobacco Epidemic  
Look Like?

*Moderators: Janet Hoek, PhD; Natalie Walker, PhD*

**TTD #4 . . . . . Erie (Level 2)**

What Do We Need to Develop Better Measures of E-Cigarette  
Use, Dependence, Perceptions, and Policy?

*Moderators: Bonnie Halpern-Felsher, PhD; Hyoshin Kim, PhD;  
Scott Weaver, PhD*

**TTD #5 . . . . . Superior B (Level 2)**

Ethical Implications of Factoring in Tobacco Use in Hiring and  
Insurance Policies

*Moderator: Stanton A. Glantz, PhD*

4:45 p.m.-6:15 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Special Symposium: How Science Informs FDA's Regulatory  
Decisions: Deeming, PMTA, and MRTPA**

*Chair: David L. Ashley, PhD, RADM, US Public Health Service,  
Director, Office of Science*

7:15 p.m.-8:15 p.m. . . . . Fountainview & CHI Bar (Lobby Level 3)

**Opening Reception**

*(All attendees are welcome! Cash bar and hors d'oeuvres)*

**THURSDAY, MARCH 3, 2016**

7:00 a.m.-5:00 p.m. . . . . Ballroom Promenade (Level 4)

**Registration**

7:00 a.m.-5:00 p.m. . . . . Ballroom Office (Level 4)

**Speaker Ready Room**

7:00 a.m.-8:00 a.m. . . . . Mississippi (Level 2)

**Meet the Editor**

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Welcome/Awards/Lecture**

8:00 a.m.

**Welcome and Opening Remarks by the President of SRNT**

*Robin Mermelstein, PhD*

8:10 a.m.

**Awards**

*Tom Glynn, PhD*

8:30 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Clinical Theme Lecture and Ove Fernö Award Winner**

*Professor Timothy Baker, PhD*





9:30 a.m.-10:00 a.m. . . . . Chicago Ballroom 5 (Level 4)

**Refreshment Break and Exhibit Time**

9:30 a.m.-3:30 p.m. . . . . Chicago Ballroom 5 (Level 4)

**Exhibits Open**

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 1: Symposium 1**

Smoking and Psychopathology: Mechanisms and Treatments

*Audience: HD, T, C, PH/E*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 1: Symposium 2**

Smokeless Tobacco Consumption, Disease Burden, Dependence, and Cessation: A Diverse and Global Perspective

*Audience: PH/E, I, LMIC, T, C, P*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 1: Symposium 3**

Developmental Toxicity of Nicotine During Adolescence: A Transdisciplinary Synthesis and Implications for Emerging Tobacco Products

*Audience: PC, C, PH/E, P*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 4 (Level 4)

**Podium Presentation 1: Symposium 4**

Evaluating Current E-Cigarette Marketing Through a Legal Lens

*Audience: PH/E, P*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 1: Paper Session 1**

Flavored Non-Cigarette Tobacco Products

*Audience: PC, PH/E, P*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 1: Paper Session 2**

Advantages and Challenges of Smoking Cessation

*Audience: C, P, T*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 1: Paper Session 3**

The Changing Landscape of Tobacco Control

*Audience: PH/E, P, I, LMIC*

10:00 a.m.-11:30 a.m. . . . . Sheraton 2 (Level 4)

**Podium Presentation 1: Paper Session 4**

Smoking in Low-Income Populations

*Audience: PH/E, P, HD, I, LMIC*

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Poster Session 1: Clinical**

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Lunch Break**

Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

11:45 a.m.-1:00 p.m. . . . . Mayfair (Level 2)

**Past Presidents Luncheon**

*(by invitation only)*

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/  
Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC:  
Lower-Middle Income Countries; T=Treatment



1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 4 (Level 4)

**Podium Presentation 2: Symposium 5**

Evaluating Adverse Events in a Global Smoking Cessation Study (Eagles): A Randomized, Controlled Trial Comparing the Safety and Efficacy of the First-Line Smoking Cessation Aids in Smokers With and Without Psychiatric Disorders

*Audience: C, PH/E, HD*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 2: Symposium 6**

Emerging Evidence From the TCORS: Cigar Use Prevalence, Correlates, and Health Effects

*Audience: PH/E, P*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 2: Symposium 7**

Tobacco Regulatory Science and Vulnerable Populations

*Audience: PH/E, HD, P*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 2: Paper Session 5**

Marijuana and Tobacco Use

*Audience: PH/E, P, HD, I*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 2: Paper Session 6**

Global Epidemiology of E-Cigarettes

*Audience: PH/E, P, HD, I, LMIC*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 2: Paper Session 7**

Second-Exposure to E-Cigarettes and Tobacco

*Audience: BS, PC, PH/E, P, I, LMIC*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 2: Paper Session 8**

Marketing of Tobacco Products

*Audience: PH/E, P, HD, I*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 2: Paper Session 9**

Genetics and Smoking

*Audience: BS, PC, C, T*

2:30 p.m.-3:00 p.m. . . . . Sheraton Ballroom 5 (Level 4)

**Refreshment Break & Exhibitor Time**

3:00 p.m.-4:00 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Pre-Clinical Theme Lecture**

*Professor Julie Blendy, PhD*

4:00 p.m.-4:30 p.m.

**Break**

4:30 p.m.-6:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Poster Session 2: Policy, Pre-Clinical and Other**

6:00 p.m.-7:15 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Presidential Symposium**

Highlighted Findings From Wave 1 of the Population Assessment of Tobacco and Health (PATH) Study

*Andrew Hyland, PhD*

7:00 p.m.-8:30 p.m. . . . . Riverwalk A (River Exhibition Level 1)

**Trainee Network Reception**



## FRIDAY, MARCH 4, 2016

7:00 a.m.-5:00 p.m. . . . . Ballroom Office (Level 4)  
**Speaker Ready Room**

7:30 a.m.-8:15 a.m. . . . . Chicago Ballroom 10 (Level 4)  
**SRNT Members' Meeting** (*All members are welcome to attend.*)

8:00 a.m.-5:00 p.m. . . . . Ballroom Promenade (Level 4)  
**Registration**

8:30 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Public Policy Theme Lecture**  
*Professor Ann McNeill, PhD*

9:30 a.m.-10:00 a.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Refreshment Break & Exhibitor Time**

9:30 a.m.-3:30 p.m. . . . . Sheraton Ballroom 5 (Level 4)  
**Exhibits Open**

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 4 (Level 4)  
**Podium Presentation 3: Symposium 8**  
 E-Cigarette Flavoring in Nicotine Consumption and Reward  
*Audience: PC, C*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)  
**Podium Presentation 3: Symposium 9**  
 Incorporating Genomic Data Into Treatment Research: Consensus Approaches, Genome-Wide Analyses, and Prospects for Translation  
*Audience: BS, C, T, PH/E*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)  
**Podium Presentation 3: Symposium 10**  
 Addressing Tobacco Use Among Individuals With Medical and Psychiatric Conditions: Controversies and Challenges  
*Audience: C, HD, T, PH/E*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)  
**Podium Presentation 3: Paper Session 10**  
 Waterpipe Tobacco Smoking  
*Audience: PC, PH/E, P, HD, I, LMIC*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)  
**Podium Presentation 3: Paper Session 11**  
 Public Health Policy and Health Economics  
*Audience: P, 4 PH/E,*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)  
**Podium Presentation 3: Paper Session 12**  
 Smoking Cessation Research for Smokers Living With HIV  
*Audience: T, C, HD*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Podium Presentation 3: Paper Session 13: Rapid Fire**  
 Treatment  
*Audience: T, C*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)  
**Podium Presentation 3: Paper Session 14**  
 Tobacco Use Treatment in Primary and Secondary Care  
*Audience: T, C, P, PH/E*

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)  
**Poster Session 3: Public Health/Epi**

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/  
 Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC:  
 Lower-Middle Income Countries; T=Treatment



11:30 a.m.-1:00 p.m. . . . . Riverwalk B (River Exhibition Level 1)

**Lunch Break**

Pick up your complimentary boxed lunch in Riverwalk B, starting at 11:15 a.m.

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 4: Symposium 11**

What We Know About Appeal: Implications for Product Regulation

*Audience: PH/E, P*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 4: Symposium 12**

Seeking a Pro-Equity Impact: The Intersection of Tobacco-Control Policy and Health Disparities Research

*Audience: HD, PH/E, P*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 4: Symposium 13**

Trajectories of Smoking Abstinence: Short-Term Pain, Long-Term Gain?

*Audience: HD, C, T, PH/E*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 4: Paper Session 15**

American Indian and Alaska Native Tobacco Control and Treatment

*Audience: HD, T, PH/E, P*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 4: Paper Session 16**

E-Cigarette Toxicity

*Audience: BS, PC*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 4 (Level 4)

**Podium Presentation 4: Paper Session 17**

Youth and Nicotine Use

*Audience: C, PH/E*

1:00 p.m.-2:30 p.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 4: Paper Session 18**

Tobacco Use and Weight Management

*Audience: PH/E, C, LMIC*

1:00 p.m.-2:30 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 4: Paper Session 19**

Nicotine Dependence and Brain

*Audience: PC, C, PH/E*

2:30 p.m.-3:00 p.m. . . . . Sheraton Ballroom 5 (Level 4)

**Refreshment Break & Exhibit Time**

3:00 p.m.-4:15 p.m. . . . . Chicago Ballroom 6 (Level 4)

**Jarvik-Russell New Investigator Awards Paper Session**

4:15 p.m.-4:30 p.m.

**Break**

4:30 p.m.-5:30 p.m.

**Epidemiology and Public Health Themed Lecture**

*Donna Vallone, PhD, MPH;*

*Tesfa Alexander, PhD;*

*Bob Rodes, MS, MBA, Med*

5:30 p.m.-7:00 p.m. . . . . Riverwalk B (Exhibition Level 1)

**Poster Session 4: Public Health/Epi**



## SATURDAY, MARCH 5, 2016

7:00 a.m.-10:00 a.m. . . . . Ballroom Office (Level 4)  
**Speaker Ready Room**

8:00 a.m.-1:00 p.m. . . . . Ballroom Promenade (Level 4)  
**Registration**

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)  
**Podium Presentation 5: Symposium 14**  
 Making the Cigarette Pack a Complete Health Communications Tool  
*Audience: PH/E, P*

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 9 (Level 4)  
**Podium Presentation 5: Symposium 15**  
 Anxiety and Smoking: Emerging Data on Mechanistic Factors and Treatment  
*Audience: C, T*

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)  
**Podium Presentation 5: Symposium 16**  
 Testing Addiction Theory-Based Mechanisms of Smoking Behaviors: From Clinical Treatment to Novel Human Laboratory Paradigms  
*Audience: C, T*

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 4 (Level 4)  
**Podium Presentation 5: Symposium 17**  
 How Should We Tax Electronic Nicotine Delivery Systems—Analyzing Current Evidence to Inform Future Policy  
*Audience: PH/E, P*

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 6 (Level 4)  
**Podium Presentation 5: Symposium 18**  
 Evidence-Based Insights Into an Emerging Behavior: Population Data on Adult E-Cigarette Users  
*Audience: PH/E, P*

8:00 a.m.-9:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)  
**Podium Presentation 5: Symposium 19**  
 Development and Evaluation of Digital Health Mobile Apps for Smoking Cessation: State of the Art and Future Directions  
*Audience: HD, C, T, PH/E*

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 10 (Level 4)  
**Podium Presentation 5: Paper Session 20**  
 Biomarkers of Tobacco Use  
*Audience: C, PH/E*

8:00 a.m.-9:30 a.m. . . . . Chicago Ballroom 8 (Level 4)  
**Podium Presentation 5: Paper Session 21**  
 Smoking and Social Media  
*Audience: C, PH/E*

9:30 a.m.-10:00 a.m. . . . . Sheraton 5 (Level 4)  
**Refreshment Break**

Audience Key:

BS: Basic Science; PC: Pre-Clinical; C: Clinical; PH/E: Public Health/Epidemiology; P: Policy; HD: Health Disparities; I: International; LMIC: Lower-Middle Income Countries; T=Treatment



10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 8 (Level 4)

**Podium Presentation 6: Paper Session 22**

Disparities Populations

*Audience: HD, PH/E, P, T, PC*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 2 (Level 4)

**Podium Presentation 6: Paper Session 23**

Tobacco Health Warning

*Audience: P, PH/E, LMIC, I*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 9 (Level 4)

**Podium Presentation 6: Paper Session 24**

Smoking in Pregnancy

*Audience: T, C*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 1 (Level 4)

**Podium Presentation 6: Paper Session 25**

Nicotine and Cue Reactivity

*Audience: PC, C*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 10 (Level 4)

**Podium Presentation 6: Paper Session 26**

Interaction Between Alcohol and Smoking

*Audience: C, PH/E*

10:00 a.m.-11:30 a.m. . . . . Chicago Ballroom 6 (Level 4)

**Podium Presentation 6: Paper Session 27**

Smoking and Psychiatric Co-Morbidities

*Audience: C, T, PH/E*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 3 (Level 4)

**Podium Presentation 6: Paper Session 28**

Other Tobacco Products

*Audience: P, PH/E, I, LMIC*

10:00 a.m.-11:30 a.m. . . . . Sheraton Ballroom 4 (Level 4)

**Podium Presentation 6: Paper Session 29**

Hot Topics Rapid Fire Session

*Audience: T*

11:30 a.m.-1:00 p.m. . . . . Riverwalk B (Exhibition Level 1)

**Poster Session 5: Rapid Response**

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# NICOTINE & TOBACCO RESEARCH

[ntr.oxfordjournals.org](http://ntr.oxfordjournals.org)

Published on behalf of the Society for Research on Nicotine and Tobacco (SRNT) by Oxford University Press (OUP), *Nicotine & Tobacco Research (N&TR)* is one of the world's few peer-reviewed journals devoted exclusively to the study of nicotine and tobacco.

It aims to provide a forum for empirical findings, critical reviews, and conceptual papers on the many aspects of nicotine and tobacco, including research from the biobehavioral, neurobiological, molecular biologic, epidemiological, prevention, and treatment arenas.

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## IMPACT FACTOR: 3.296

**Ranked 3/35** in Substance Abuse category\*

**Ranked 13/147** in Public, Environmental, and Occupational Health category\*

\*Thomson Reuters ISI Social Science Citation Index

## MEET THE EDITORS SESSION

N&TR Editor-in-Chief Marcus Munafò and several Deputy Editors will be available **Thursday, March 3 at 7 am** for a drop-in session about the journal. Ask questions about the submission and peer-review processes, discuss the suitability of your manuscript for the journal, and just meet the editorial team.

## JOURNAL ACCESS FOR MEMBERS

SRNT membership includes a subscription to *N&TR*. Electronic journal access is via the SRNT website, and members can request a print subscription via the annual membership-renewal form. Individual print issues may be purchased via OUP.