ARIZONA OSTEOPATHIC MEDICAL ASSOCIATION
96th ANNUAL CONVENTION

SHIFTING THE PARADIGM

April 11 - 15, 2018
Hilton Scottsdale Resort & Villas
Scottsdale, Arizona

CONVENTION PROGRAM
A.T. Still University
Osteopathic Medicine
Center Arizona

Our hands-on, whole-body approach and osteopathic manipulative medicine treatment can provide relief from pain in your first visit.

5845 E. Still Circle, Suite 109
Mesa, AZ 85206

Phone: 480.248.8198
Fax: 480.248.8197

atsu.edu/SOMA-OMM
Welcome to the Arizona Osteopathic Medical Association 96th Annual Convention at the beautiful Hilton Scottsdale Resort. This is a location feels like home for AOMA and we hope you will enjoy the many amenities this property and the surrounding area offer.

The theme of this year’s convention is “Shifting the Paradigm.” As you participate in the continuing medical education activities, take time to connect with old friends and build new relationships.

As part of AOMA’s continuing commitment to provide high-quality, relevant medical education, this year’s event offers AMA PRA 1 credits™ in addition to AOA Category 1-A, and AAFP prescribed credits.

Please spend some time in the Exhibit Hall to network and socialize with colleagues and learn about the latest products, technology, and services available to each of us as medical professionals. Completing the exhibitor card you received in your registration packet enters you into a drawing for some great prizes.

On Saturday night, please come to the Osteopathic Family Party! Everyone is welcome. There will be food, music, dancing, face painting, games, and lots of fun. This is always a special evening for our members and their families to celebrate our profession.

Congratulations and thanks to Dr. Lori Kemper, Chair of the AOMA Professional Education Committee, and the entire Committee for assembling an exceptional CME agenda for this year’s Convention.

Thank you, too, to the AOMA Board of Trustees, House of Delegates, and Committee members for their hard work and support of our Association and our profession. It has been my privilege to work with so many extraordinary, dedicated individuals.

Serving as your President has been an honor and pleasure. I extend my tremendous gratitude to the amazing AOMA staff - Pete, Janet, and Teresa. They are the people behind the scenes who get the job done. Having them as our Association team is a tremendous asset.

As I conclude my year as AOMA President, I challenge you to embrace change, be empathetic with your colleagues and patients, and expand your knowledge and skills as a practitioner. Please share the benefit of your experience with your fellow physicians and encourage them to become a member of the Arizona Osteopathic Medical Association, the voice of osteopathic medicine in Arizona.

Laurel Mueller, DO, MBA
AOMA President 2017-2018
Program Description: The Arizona Osteopathic Medical Association 96th Annual Convention has been developed by the physician members of the AOMA Professional Education Committee to provide continuing medical education for physicians and other healthcare professionals based on the seven core competencies of osteopathic medicine. This multi-specialty program is designed to present current evidence-based information that will augment practice skills and enhance patient care.

Education Objectives:
• Review and update clinical and technical knowledge
• Identify and discern new clinical and technical information
• Discuss and relate medical knowledge and skills with peers
• Distinguish and practice the osteopathic approach to diagnosis and treatment of illness
• Recognize the interrelationships between physicians, patients, environment, and the community as a whole

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACGME) through the joint sponsorship of Touro University Nevada College of Osteopathic Medicine (TUNCOM) and the Arizona Osteopathic Medical Association.

The Arizona Osteopathic Medical Association (AOMA) is accredited by the American Osteopathic Association (AOA) to provide osteopathic continuing medical education for physicians. The AOMA designates this program for a maximum of 38.25 hours of AOA Category 1-A credit and will report CME and specialty credits commensurate with the extent of the physician’s participation in this activity.

TUNCOM is accredited by ACCME to provide continuing medical education for physicians. TUNCOM designates this live activity for a maximum of 38.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This Live activity, Arizona Osteopathic Medical Association 96th Annual Convention - Shifting the Paradigm, with a beginning date of 04/11/2018, has been reviewed and is acceptable for up to 36.25 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
CONVENTION ATTIRE
Please dress comfortably! Convention attire is business casual. A reminder: meeting room temperatures and personal comfort vary widely.

ELECTRONIC DEVICES
Please be considerate of presenters and other attendees and silence your electronic devices prior to entering the meeting rooms.

NO SMOKING PLEASE!
As a health-conscious association, AOMA maintains a no smoking policy at all meetings. Please remember that smoking is prohibited in meeting rooms and meal functions.

SPECIAL NEEDS/DISABILITIES
The AOMA staff strives to meet the special requirements to those with mobility impairments. If you need assistance, please let us know so we may make reasonable accommodations.

AOMA CONVENTION EXHIBITS
A large part of the success of the AOMA Annual Convention is the support we receive from our exhibitors and sponsors. Please visit the AOMA Exhibit Hall, converse with the vendors, and enter the prize drawing. Badge is required for admittance to the Exhibit Hall. Badges for qualified guests of convention registrants may be obtained at the Registration Desk.

EXHIBIT HOURS
Thursday, April 12, 2018
7:00 am to 5:00 pm
Breakfast, box lunch, and President’s reception will be in the Exhibit Hall on Thursday.

Friday, April 13, 2018
7:00 am to 12:00 pm
Breakfast will be served in the Exhibit Hall on Friday.

OSTEOPATHIC FAMILY PARTY
All are welcome to attend this fun, family-friendly evening activity beginning at 6:30 pm on Saturday, April 14, 2018. Admission is free, but space is limited so please make your reservation with AOMA staff by 5:00 pm on Wednesday, April 11, 2018.

AWARDS LUNCHEON
The AOMA Annual Awards Ceremony & Luncheon is Sunday, April 15, 2018 at 12:15 pm in the Grand Ballroom.

AOMA GRIEVANCE POLICY
The Arizona Osteopathic Medical Association strives to provide continuing medical education programs to fulfill the needs of the attendees and to meet the AOA Uniform Guidelines and AOA Accreditation Requirements. Comments, questions, or complaints should be submitted in writing to Janet Weigel, Director of Education by mail to AOMA, 5150 N. 16th Street, Suite A-122, Phoenix, Arizona, 85016 or by email to janet@az-osteo.org.

SHIFTING THE PARADIGM
CONTINUING MEDICAL EDUCATION
Please refer to page 17 of this program for complete information including CME learning objectives, specialty credits, and session locations.

The Arizona Osteopathic Medical Association is accredited by the American Osteopathic Association as a provider of continuing medical education.

Full-convention registrants who attend the entire convention from Wednesday, April 11 through Sunday, April 15, 2018 may receive a maximum of 38.25 AOA Category 1-A credits or 38.25 AMA PRA 1 credits™. Weekend only registrants who attend all lectures from Friday, April 13 through Sunday, April 15, 2018 may receive a maximum of 21.75 AOA Category 1-A credits or 21.75 AMA PRA 1 credits™.

AOMA will offer additional AOA Category 1-A CME credits for participation in an Outcomes Survey. The Survey will be sent 14 days after the last day of the Convention.

CONVENTION SYLLABUS
The AOMA 96th Annual Convention Syllabus is posted on the AOMA website at www.az-osteo.org/2018syllabus. You may download the pdf version of handouts provided by the speakers. Some presentations may not be available for downloading.

ONLINE ATTESTATION AND EVALUATION
Osteopathic physicians and other medical professionals seeking to receive continuing medical education credits for the AOMA 96th Annual Convention MUST complete an online attestation and evaluation form for the hours attended. Paper attestation forms are not available.

Upon successful completion and verification of each attestation, your CME hours will be logged to your Professional Development record in your Account Profile on the AOMA website. DOs will need an AOA number.

In order to avoid additional fees for issuance of CME credits for this Convention, all attestation forms MUST be completed by May 16, 2018. After this date, online access to the attestation forms will be closed and requests for CME credits from the AOMA 96th Annual Convention will be subject to a $25 late submission fee. Complete instructions for submitting your attestation form are on page 28.

If you require assistance in completing the online attestation form, please contact an onsite AOMA staff member or call the AOMA office.

AOA REPORTING REQUIREMENTS
Beginning with the 2016-2018 AOA Cycle, AOA-accredited CME sponsors are required to submit the roster of attendance within 90 days of completion of the program.
Arizona Osteopathic Medical Association
96th Annual Convention
Schedule at a Glance

(All times, lectures, and speakers subject to change.)

REGISTRATION DESK HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, April 11, 2018</td>
<td>7:00 am to 5:00 pm</td>
</tr>
<tr>
<td>Thursday, April 12, 2018</td>
<td>7:00 am to 5:00 pm</td>
</tr>
<tr>
<td>Friday, April 13, 2018</td>
<td>7:00 am to 4:00 pm</td>
</tr>
<tr>
<td>Saturday, April 14, 2018</td>
<td>6:00 am to 5:00 pm</td>
</tr>
<tr>
<td>Sunday, April 15, 2018</td>
<td>7:00 am to 12:00 pm</td>
</tr>
</tbody>
</table>

Wednesday, April 11, 2018

GENERAL SESSION: Sonora Ballroom

CONCURRENT SESSIONS

TRACK I: Sonora Ballroom

LUNCHEON LECTURE: Pavilion

LUNcheon Lecture: The Osteopathic Profession - Transformee or Transformer

<table>
<thead>
<tr>
<th>Time</th>
<th>Track I</th>
<th>Track II</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am to 8:00 am</td>
<td>Breakfast – Garden Breezeway</td>
<td></td>
</tr>
<tr>
<td>7:30 am to 8:55 am</td>
<td>Opening General Session: Mastering the Practice of Precision Medicine</td>
<td></td>
</tr>
<tr>
<td>8:55 am to 9:10 am</td>
<td>Break – Garden Breezeway</td>
<td></td>
</tr>
<tr>
<td>9:10 am to 10:05 am</td>
<td>ABCs of Hepatitis</td>
<td>Psoriatic Arthritis &amp; Ankylosing Spondylitis</td>
</tr>
<tr>
<td>10:10 am to 11:05 am</td>
<td>Cryptogenic Stroke: A Logical Approach</td>
<td>Psoriasis</td>
</tr>
<tr>
<td>11:10 am to 12:05 pm</td>
<td>Functional Medicine</td>
<td>Food Allergy: Old and New</td>
</tr>
<tr>
<td>12:15 pm to 1:40 pm</td>
<td>Luncheon Lecture: The Osteopathic Profession - Transformee or Transformer</td>
<td></td>
</tr>
<tr>
<td>1:55 pm to 2:50 pm</td>
<td>Syphilis Bulletin 2018</td>
<td></td>
</tr>
<tr>
<td>2:50 pm to 3:05 pm</td>
<td>Break – Garden Breezeway</td>
<td></td>
</tr>
<tr>
<td>3:05 pm to 4:00 pm</td>
<td>The Intersection of Food Insecurity, Health, and Health Care Utilization</td>
<td></td>
</tr>
<tr>
<td>4:05 pm to 5:00 pm</td>
<td>Physician Burnout</td>
<td></td>
</tr>
<tr>
<td>6:30 pm to 9:00 pm</td>
<td>AOMA Board of Trustees Meeting</td>
<td></td>
</tr>
</tbody>
</table>
### Syllabus & Wireless Internet

The syllabus for the AOMA 96th Annual Convention is online at [http://www.az-osteo.org/2018Syllabus](http://www.az-osteo.org/2018Syllabus)

Complimentary wifi access is available throughout the convention.

**PASSWORD:** promise22

### AOMA Calendar

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Location</th>
</tr>
</thead>
</table>
| **AOMA 38th Annual Fall Seminar** | November 10 & 11, 2018  
Hilton El Conquistador Resort  
Tucson  
12+ AOA Category 1-A credits |
| **4th Annual Flagstaff Osteopathic Medical Conference** | August 11, 2018  
Flagstaff Medical Center  
Flagstaff |
| **DO Day at the Legislature** | February 2019 - Date TBA  
Arizona State Capitol  
Phoenix |
| **AOMA 97th Annual Convention** | April 10 - 14, 2019  
Hilton Scottsdale Resort & Villas  
Scottsdale |

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am to 8:00 am</td>
<td>Breakfast in the Exhibit Hall</td>
<td>Grand Ballroom</td>
</tr>
<tr>
<td>7:30 am to 8:25 am</td>
<td>Imagine Fully Informed Health: The Paradigm Shift of HIE</td>
<td>Sonora Ballroom</td>
</tr>
<tr>
<td>8:30 am to 9:25 am</td>
<td>Medical School Education in the Technology Age</td>
<td>Sonoran Ballroom</td>
</tr>
<tr>
<td>9:25 am to 9:55 am</td>
<td>Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>9:55 am to 10:50 am</td>
<td>Advances in Telemedicine &amp; Telehealth: New Models of Healthcare Delivery</td>
<td>Sonora Ballroom</td>
</tr>
<tr>
<td>10:55 am to 11:50 am</td>
<td>Live Telemedicine Demonstration</td>
<td>Sonoran Ballroom</td>
</tr>
<tr>
<td>11:50 am to 1:00 pm</td>
<td>Lunch in the Exhibit Hall – No CME</td>
<td>Grand Ballroom</td>
</tr>
<tr>
<td>1:00 pm to 1:40 pm</td>
<td>Virtual Scribes and Assistants in Medical Practice</td>
<td>Sonora Ballroom</td>
</tr>
<tr>
<td>1:45 pm to 2:40 pm</td>
<td>Integrating Biomedical Infomatics</td>
<td>Sonoran Ballroom</td>
</tr>
<tr>
<td>2:40 pm to 3:10 pm</td>
<td>Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>3:10 pm to 3:50 pm</td>
<td>Telemedicine Liability: Do You Know the Risks?</td>
<td>Sonora Ballroom</td>
</tr>
<tr>
<td>3:55 pm to 4:50 pm</td>
<td>AOMA Town Hall: Healthcare Policy and Politics</td>
<td>Sonora Ballroom</td>
</tr>
</tbody>
</table>
| 5:00 pm to 6:30 pm | AOMA President’s Reception  
**All are welcome** | Exhibit Hall |
| 6:30 pm to 8:00 pm | Midwestern University AZCOM & CCOM Reception | Sumo Maya |
| 7:00 pm to 9:00 pm | A.T. Still University KCOM & SOMA Reception | Fleming’s Steakhouse |
TENETS OF OSTEOPATHIC MEDICINE

1. The body is a unit; the person is a unit of body, mind, and spirit.

2. The body is capable of self-regulation, self-healing, and health maintenance.

3. Structure and function are reciprocally interrelated

4. Rational treatment is based upon an understanding of the basic principles of body unity, self-regulation, and the interrelationship of structure and function.

---

Friday, April 13, 2018

GENERAL SESSION: Sonora Ballroom

CONCURRENT SESSIONS

TRACK I: Sonora Ballroom

TRACK II: Grand Ballroom Salon 4

LUNCHEON LECTURE: Pavilion

<table>
<thead>
<tr>
<th>TIME</th>
<th>TRACK I</th>
<th>TRACK II</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am to 8:00 am</td>
<td>Breakfast – Exhibit Hall</td>
<td></td>
</tr>
<tr>
<td>7:30 am to 8:25 am</td>
<td>Concussions</td>
<td>Minimally Invasive LVADs and Hybrid Therapies</td>
</tr>
<tr>
<td>8:30 am to 9:25 am</td>
<td>Headache Medicine for the Non-Neurologist</td>
<td>Man Up! Why Men Won't See Their Doctor</td>
</tr>
<tr>
<td>9:25 am to 9:55 am</td>
<td>Break – Exhibit Hall</td>
<td></td>
</tr>
<tr>
<td>9:55 am to 10:50 am</td>
<td>Seizures: What’s Shake’n</td>
<td>MACRA and the CMS Quality Payment Program</td>
</tr>
<tr>
<td>10:55 am to 11:50 am</td>
<td>2018 Immunization Update</td>
<td>Longitudinal Ultrasound Curriculum: A Reality</td>
</tr>
<tr>
<td>12:00 pm to 1:25 pm</td>
<td>Luncheon Lecture: Journey to the White House and Beyond – Taking Care of VIP Patients</td>
<td></td>
</tr>
<tr>
<td>1:35 pm to 2:30 pm</td>
<td>Perplexing Problems in Polypharmacy</td>
<td></td>
</tr>
<tr>
<td>2:35 pm to 3:50 pm</td>
<td>Death Certification and Postmortem Examination</td>
<td></td>
</tr>
<tr>
<td>4:00 pm to 6:00 pm</td>
<td>AOMA House of Delegates</td>
<td></td>
</tr>
</tbody>
</table>
Saturday, April 14, 2018

CONCURRENT SESSIONS
TRACK I: Grand Ballroom Salon 2, 3 & 4         TRACK II: Sonora Ballroom
CLINICAL CASE COMPETITION LUNCHEON: Grand Ballroom Salon 2, 3 & 4

<table>
<thead>
<tr>
<th>TIME</th>
<th>TRACK I</th>
<th>TRACK II</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 am to 7:00 am</td>
<td>Yoga in Practice</td>
<td></td>
</tr>
<tr>
<td>6:30 am to 8:00 am</td>
<td>Product Theater Breakfast – Pavilion</td>
<td></td>
</tr>
<tr>
<td>7:30 am to 8:25 am</td>
<td>Asthma in Pediatric Patients</td>
<td>Osteopathic Approach to Thoracic Outlet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Syndromes</td>
</tr>
<tr>
<td>8:30 am to 9:25 am</td>
<td>Understanding and Preparing for Emerging</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Diseases</td>
<td></td>
</tr>
<tr>
<td>9:25 am to 9:40 am</td>
<td>Break – Garden Breezeway</td>
<td></td>
</tr>
<tr>
<td>9:40 am to 10:35 am</td>
<td>Lung Cancer Update</td>
<td>Osteopathic Manipulation for Knee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and Shoulder</td>
</tr>
<tr>
<td>10:40 am to 11:35 am</td>
<td>Evaluation &amp; Treatment of a Thyroid Nodule</td>
<td></td>
</tr>
<tr>
<td>11:40 am to 1:10 pm</td>
<td>Clinical Case Competition Luncheon</td>
<td></td>
</tr>
<tr>
<td>1:20 pm to 2:15 pm</td>
<td>Antimicrobial Stewardship</td>
<td>Tri Something Different for Headaches: An</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Osteopathic Approach</td>
</tr>
<tr>
<td>2:20 pm to 3:15 pm</td>
<td>Heart Health and Pregnancy</td>
<td></td>
</tr>
<tr>
<td>3:15 pm to 3:30 pm</td>
<td>Break – Garden Breezeway</td>
<td></td>
</tr>
<tr>
<td>3:30 pm to 5:00 pm</td>
<td>Stump the Doc: Medical Knowledge Competition</td>
<td></td>
</tr>
<tr>
<td>6:30 pm to 10:00 pm</td>
<td>Osteopathic Family Party</td>
<td></td>
</tr>
</tbody>
</table>

Sunday, April 15, 2018 – All General Sessions

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am to 8:00 am</td>
<td>Breakfast</td>
<td>Garden Breezeway</td>
</tr>
<tr>
<td>8:00 am to 8:55 am</td>
<td>Fact &amp; Fiction: The True Story About</td>
<td>Grand</td>
</tr>
<tr>
<td></td>
<td>Electronic Cigarettes</td>
<td>Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>9:00 am to 9:55 am</td>
<td>Primary Palliative Care</td>
<td>Grand</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>9:55 am to 10:10 am</td>
<td>Break</td>
<td>Garden Breezeway</td>
</tr>
<tr>
<td>10:10 am to 11:05 am</td>
<td>Lessons Learned from a Physician Expert</td>
<td>Grand</td>
</tr>
<tr>
<td></td>
<td>Witness</td>
<td>Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>11:10 am to 12:05 pm</td>
<td>Understanding the Science Behind Your DNA</td>
<td>Grand</td>
</tr>
<tr>
<td></td>
<td>Ancestry Results</td>
<td>Ballroom 1 &amp; 2</td>
</tr>
<tr>
<td>12:15 pm to 2:00 pm</td>
<td>AOMA Awards</td>
<td>Grand</td>
</tr>
<tr>
<td></td>
<td>Ceremony and Luncheon</td>
<td>Ballroom 3 &amp; 4</td>
</tr>
</tbody>
</table>
AOMA Career Center: Connecting Talent with Opportunity

Looking for that ideal candidate?

Searching for a job?

Buying or selling a practice?

Need office space?

Have space for rent?

The AOMA Career Center offers enhanced resources for job seekers, expanded options for employers, and services for property owners and tenants.

Speak Out! Make a Difference. Contribute to AOMA PAC.

The AOMA PAC is a voluntary political action committee that allows AOMA members to pool their financial resources to support state candidates who understand and appreciate the value of our profession and its importance to providing affordable, quality healthcare to Arizonans.

The AOMA PAC is non-partisan. Its goal is to help elect candidates who, as lawmakers, will best represent the values of AOMA and the thousands of patients we serve. Among the criteria considered by the AOMA PAC in making donations:

• The candidate’s support of positions that advance the osteopathic medical profession in healthcare delivery
• The candidate’s leadership position or membership on key legislative committees
• The candidate’s potential for leadership
• The candidate’s financial need and likelihood of being elected
• The presence of AOMA members in the candidate’s district or state

With your support we can work effectively together for the good of our profession. Your donation will help send a clear message to legislators about the issues that are important to DOs and their patients.

A strong AOMA PAC means a strong profession. Donate today! www.az-osteo.org/PAC

AOMA members receive a 20% discount off all Career Center products. Call the AOMA office to obtain the promo code.

Discover the difference the AOMA Career Center can make for you.
Go to www.az-osteo.org/Jobs.
PHYSICIANS AGREE:
The Key to Health and Longevity is
INFLAMMATORY HEALTH

ZanthoSyn® is a premium and highly absorbed form of astaxanthin recommended by physicians for inflammatory health and longevity.*

Visit us at Booth #28 in the Exhibit Hall
Join us for Breakfast on Saturday, April 14, 2018 at 6:30 AM in the Pavilion

* These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.
Thank you to the following organizations for their support of the Arizona Osteopathic Medical Association 96th Annual Convention

**Platinum Sponsor**
Mutual Insurance Company of Arizona (MICA)

**Silver Sponsors**
A.T. Still University
School of Osteopathic Medicine in Arizona
Cardax, Inc.
Midwestern University
Arizona College of Osteopathic Medicine

**Bronze Sponsor**
Equality Health
U.S. Army Recruiting

**Sponsor**
Blue Cross Blue Shield of Arizona
<table>
<thead>
<tr>
<th>Company</th>
<th>Booth #</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.T. Still University - KCOM &amp; SOMA</td>
<td>20</td>
</tr>
<tr>
<td>A.T. Still University Osteopathic Medicine Center</td>
<td>21</td>
</tr>
<tr>
<td>AbbVie</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Allergy Associates</td>
<td>9</td>
</tr>
<tr>
<td>Arizona Army National Guard</td>
<td>31</td>
</tr>
<tr>
<td>Arizona Medical Group Management Association</td>
<td>12</td>
</tr>
<tr>
<td>Arizona Osteopathic Charities</td>
<td>16</td>
</tr>
<tr>
<td>Astellas Pharma US, Inc.</td>
<td>24</td>
</tr>
<tr>
<td>AstraZeneca</td>
<td>35</td>
</tr>
<tr>
<td>Cardax, Inc.</td>
<td>28</td>
</tr>
<tr>
<td>CMIT Solutions</td>
<td>25</td>
</tr>
<tr>
<td>Commonwealth Primary Care ACO</td>
<td>27</td>
</tr>
<tr>
<td>Designs for Health</td>
<td>1</td>
</tr>
<tr>
<td>Equality Health Network</td>
<td>7</td>
</tr>
<tr>
<td>H.O.M.E. (Health Outreach through Medicine &amp; Education)</td>
<td>3</td>
</tr>
<tr>
<td>Health Current</td>
<td>13</td>
</tr>
<tr>
<td>Hello Rache</td>
<td>36</td>
</tr>
<tr>
<td>Hospice of the Valley</td>
<td>4</td>
</tr>
<tr>
<td>Ironwood Cancer &amp; Research Centers</td>
<td>8</td>
</tr>
<tr>
<td>John Driscoll &amp; Company</td>
<td>32</td>
</tr>
<tr>
<td>Maricopa County Department of Public Health</td>
<td>23</td>
</tr>
<tr>
<td>Medmetrics Compounding Pharmacy</td>
<td>33</td>
</tr>
<tr>
<td>MGY - CAPACIDAD</td>
<td>17</td>
</tr>
<tr>
<td>Microbiome Labs</td>
<td>22</td>
</tr>
<tr>
<td>Midwestern University - AZCOM</td>
<td>2</td>
</tr>
<tr>
<td>Mutual Insurance Company of Arizona - MICA</td>
<td>15</td>
</tr>
<tr>
<td>Nobilis Healthcare Corporation</td>
<td>30</td>
</tr>
<tr>
<td>Patient Wellness</td>
<td>26</td>
</tr>
<tr>
<td>Phoenix Children’s Hospital</td>
<td>14</td>
</tr>
<tr>
<td>SimonMed Imaging</td>
<td>11</td>
</tr>
<tr>
<td>SW Region Indian Health Service</td>
<td>6</td>
</tr>
<tr>
<td>The Arizona Partnership for Immunization (TAPI)</td>
<td>34</td>
</tr>
<tr>
<td>The Meadows</td>
<td>29</td>
</tr>
<tr>
<td>Tooti Enterprise</td>
<td>10</td>
</tr>
<tr>
<td>U.S. Army Medical Recruiting</td>
<td>18</td>
</tr>
<tr>
<td>Weight Loss Institute of Arizona</td>
<td>19</td>
</tr>
</tbody>
</table>
CONVENTION HIGHLIGHTS

EXHIBIT HALL
Visit the exhibitors, fill out your card, and WIN!

Grand Ballroom
Thursday, April 12, 2018
7:00 am to 5:00 pm
Friday, April 13, 2018
7:00 am to 12:00 noon

FABULOUS PRIZES!
Southwest Airlines Gift Cards
Odyseas Aquarium & Dinner
Dinner & a Show at Gammage
iFly Indoor Skydiving
Spa Package
Disney Gift Cards
Weekend Getaway Package
Dinner Gift Certificates

Complete the exhibitor card in your registration packet.
Winners announced on Saturday. You do not need to be present to win.

AOMA President’s Reception
Thursday, April 12, 2018
5:00 pm to 6:30 pm
Exhibit Hall
All are welcome.

Alumni and Friends Reception

Midwestern University invites AZCOM and CCOM alumni and preceptors to join us for hors d’oeuvres and lively conversation.

Thursday, April 12, 2018
7:00 to 8:30 pm
SumoMaya Mexican-Asian Kitchen
6560 North Scottsdale Road | Scottsdale, Arizona
(Located one block east of Hilton Scottsdale)

We look forward to welcoming you.
CONVENTION HIGHLIGHTS

PRODUCT THEATER BREAKFAST
Saturday, April 14, 2018
6:30 am
The Pavilion

Product theaters are for informational and promotional purposes only, and do not offer CME credit. The information presented is provided by the supporting companies and does not represent an endorsement by AOMA of any company or product.

Clinical Case Competition Luncheon
Saturday, April 14, 2018
11:40 am to 1:10 pm
Grand Ballroom
Sponsored by AZCOM & SOMA

SILENT AUCTION
To benefit Arizona Osteopathic Charities
Saturday, April 14, 2018
6:30 pm
Grand Ballroom

Can’t join us Saturday night for the closing bids? Ask about BUY IT NOW!

AOMA Awards Ceremony & Luncheon
Honoring leaders in the osteopathic medical profession.

Sunday, April 15, 2018
12:15 pm
Grand Ballroom

AOMA Osteopathic Family Party
Saturday, April 14, 2018
6:30 pm to 10:00 pm
Grand Ballroom
Fun, food, and family activities!
Reservations requested.
Healthier practice. Healthier patients.

Are you spending more time managing your business than taking care of patients? Equality Health is here to help. We’ll partner with you to navigate the ever-changing health care landscape and share the load, so you can do what you do best—practice medicine. Our cultural care model keeps your patients—and your practice— independent and thriving.

Find out more at ehnproviderrelations@equalityhealth.com

Join the fastest growing network.
SPECIALTY CREDITS

For your reference, medical specialty codes are included with the learning objectives for each lecture.

If you are board certified in family practice (AOBFP), you will receive family medicine/family practice specialty credits for each lecture given by a board certified physician (AOA or ABMS certified), regardless of the speaker’s specialty, or an expert in their field, such as a PhD.

SPECIALTY CREDIT CODES:

<table>
<thead>
<tr>
<th>Code</th>
<th>Specialty</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI</td>
<td>Allergy &amp; Immunology</td>
</tr>
<tr>
<td>CVD</td>
<td>Cardiovascular Disease</td>
</tr>
<tr>
<td>CS</td>
<td>Cosmetic Surgery</td>
</tr>
<tr>
<td>DERM</td>
<td>Dermatology</td>
</tr>
<tr>
<td>EM</td>
<td>Emergency Medicine</td>
</tr>
<tr>
<td>END</td>
<td>Endocrinology</td>
</tr>
<tr>
<td>FM</td>
<td>Family Medicine</td>
</tr>
<tr>
<td>FM/OMT</td>
<td>Family Medicine/OMM</td>
</tr>
<tr>
<td>GE</td>
<td>Gastroenterology</td>
</tr>
<tr>
<td>HPM</td>
<td>Hospice &amp; Palliative</td>
</tr>
<tr>
<td>ID</td>
<td>Infectious Disease</td>
</tr>
<tr>
<td>IM</td>
<td>Internal Medicine</td>
</tr>
<tr>
<td>IM-IC</td>
<td>Interventional Cardiology</td>
</tr>
<tr>
<td>N</td>
<td>Neurology</td>
</tr>
<tr>
<td>N/PSY</td>
<td>Neurology &amp; Psychiatry</td>
</tr>
<tr>
<td>NMM/OMM</td>
<td>Neuromusculoskeletal Medicine/OMM</td>
</tr>
<tr>
<td>NM</td>
<td>Nuclear Medicine</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>Obstetrics &amp; Gynecology</td>
</tr>
<tr>
<td>OM</td>
<td>Occupational Medicine</td>
</tr>
<tr>
<td>OPH</td>
<td>Ophthalmology</td>
</tr>
<tr>
<td>OMM</td>
<td>Osteopathic Manipulative Medicine</td>
</tr>
<tr>
<td>OTL</td>
<td>Otolaryngology</td>
</tr>
<tr>
<td>OTL/FPS</td>
<td>Otolaryngology/Facial Plastic Surgery</td>
</tr>
<tr>
<td>OTL/H&amp;N</td>
<td>Otolaryngology Head &amp; Neck Surgery</td>
</tr>
<tr>
<td>PATH</td>
<td>Pathology</td>
</tr>
<tr>
<td>PEDS</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>PM</td>
<td>Preventive Medicine</td>
</tr>
<tr>
<td>PMR</td>
<td>Physical Medicine &amp; Rehabilitation</td>
</tr>
<tr>
<td>Proc</td>
<td>Proctology</td>
</tr>
<tr>
<td>PSY</td>
<td>Psychiatry</td>
</tr>
<tr>
<td>PSY/C&amp;A</td>
<td>Psychiatry Child &amp; Adolescent</td>
</tr>
<tr>
<td>PD</td>
<td>Pulmonary Disease</td>
</tr>
<tr>
<td>RAD</td>
<td>Radiology</td>
</tr>
<tr>
<td>RHEU</td>
<td>Rheumatology</td>
</tr>
<tr>
<td>SM</td>
<td>Sports Medicine</td>
</tr>
<tr>
<td>S</td>
<td>Surgery</td>
</tr>
</tbody>
</table>

The Arizona Osteopathic Medical Association (AOMA) is accredited by the American Osteopathic Association (AOA) to provide osteopathic continuing medical education for physicians. The AOMA designates this program for a maximum of 38.25 hours of AOA Category 1-A credit and will report CME and specialty credits commensurate with the extent of the physician’s participation in this activity.

Touro University Nevada College of Osteopathic Medicine (TUNCOM) is accredited by ACCME to provide continuing medical education for physicians. TUNCOM designates this live activity for a maximum of 38.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This Live activity, Arizona Osteopathic Medical Association 96th Annual Convention - Shifting the Paradigm, with a beginning date of 04/11/2018, has been reviewed and is acceptable for up to 36.25 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
9:10 am to 10:05 am - Grand 4
Identification of Psoriatic Arthritis and Ankylosing Spondylitis
Joy Schechtman, DO, FACP, FACOI
• Discuss the evolving concept of spondyloarthritis (SpA)
• Identify the signs and symptoms of psoriatic arthritis (PsA)
• Recognize when to refer to a rheumatologist
SPECIALTY: FM, RHEU
CREDITS: 1.0

10:10 am to 11:05 am - Sonora
Cryptogenic Stroke: A Logical Approach to a Common Clinical Problem
Alphonse Ambrosia, DO, FACC
• Identify the most common causes of “cryptogenic” stroke
• Describe the work up for cardiovascular causes for stroke
• List the components of the CHADS2Vasc score and the associated stroke risk with AF
SPECIALTY: FM, IM, IM-IC, CVD
CREDITS: 1.0

10:10 am to 11:05 am - Grand 4
Psoriasis
J. Scott Kennedy, DO, FADD
• Identify psoriasis and its variants
• Formulate a treatment plan based on location and severity of disease
• Discuss comorbidities of psoriasis
SPECIALTY: FM, DERM
CREDITS: 1.0
11:10 am to 12:05 pm - Sonora
Functional Medicine
Susan Del Sordi-Staats, DO
- Review the inflammatory markers related to health outcomes and the diseases associated with inflammation as the root cause
- Describe the functional medicine strategies to resolve common chronic conditions
- Discuss how an applied systems biology approach to treatment mirrors the osteopathic philosophy
SPECIALTY: FM, FM/OMT
CREDITS: 1.0

11:10 am to 12:05 pm - Grand 4
Food Allergy: Old and New
Cindy Bauer, MD
- Define IgE mediated food allergy compared to other adverse food reactions
- Review the current recommendations for preventing food allergy
- Discuss food challenges
- Identify the current limitations to oral immunotherapy
SPECIALTY: FM, IM, AI
CREDITS: 1.0

Keynote Luncheon - Pavilion
12:15 pm to 1:40 pm
The Osteopathic Profession - Transformee or Transformer
Karen Nichols, DO, MA, MACOI, CS
- Understand how the osteopathic profession reached its current position in healthcare
- Review current issues in healthcare
- Identify future situations emerging in healthcare
SPECIALTY: FM
CREDITS: 1.5

1:55 pm to 2:50 pm - Sonora
Syphilis Bulletin 2018
Lisa Villarroel, MD, MPH
- Discuss the natural history, transmission, and epidemiology of syphilis in Arizona and the United States
- Review the public health impact of syphilis in Arizona and the United States
- Implement the latest guidance of diagnosis and treatment of syphilis into clinical practice
SPECIALTY: FM
CREDITS: 1.0

3:05 pm to 4:00 pm - Sonora
The Intersection of Food Insecurity, Health and Health Care Utilization
Jillian Barber, MPH
- Define the term “food insecurity”
- Review recent research discussing the impact of food insecurity on health
- Identify tools and resources to address food insecurity in patient populations
SPECIALTY: FM, PM
CREDITS: 1.0

4:05 pm to 5:00 pm - Sonora
Physician Burnout: A Burning Epidemic
Andrea Raby, DO
- Review statistics and risk factors for physician burnout
- Recognize signs and symptoms of burnout
- Identify strategies to prevent and address burnout
SPECIALTY: FM, N/PSY
CREDITS: 1.0
7:30 am to 8:25 am

**Imagine Fully Informed Health: The Paradigm Shift of HIE**
Melissa Kotrys, MPH
- Identify a benefit of a participant receiving an health information exchange (HIE) ADT Alert
- Provide an example of how integrated HIE helps providers be successful in value-based healthcare
- Discuss future HIE services and the impact on the physician community

SPECIALTY: FM, PM
CREDITS: 1.0

8:30 am to 9:25 am

**Medical School Education in the Technology Age**
Jeffrey Morgan, DO, MA, CS, FACOI
- Discuss how technology has transformed undergraduate and graduate medical education
- Identify different types of technology-enhanced learning
- Review concerns and challenges associated with educational technologies

SPECIALTY: FM, FM/OMT
CREDITS: 1.0

9:55 am to 10:50 am

**Advances in Telemedicine and Telehealth: New Models of Healthcare Delivery**
Ronald Weinstein, MD, FACP
- Define telemedicine, telehealth, and connected health
- Outline steps involved in establishing a telehealth program
- Describe the characteristics of “retail” telemedicine

SPECIALTY: FM
CREDITS: 1.0

10:55 am to 11:50 am

**Live Telemedicine Demonstration**
Donald Curran, DO and Brandon Abbott, DO, MPH
Define telemedicine, telehealth, and connected health
- Discuss technology and resources employed in a telemedicine practice setting
- Review requirements for establishing a patient relationship in telemedicine practice
- Demonstrate a simulated telemedicine patient encounter

SPECIALTY: FM, IM, N/PSY, PEDS
CREDITS: 1.0

11:50 am to 1:00 pm

Lunch in the Exhibit Hall
No CME

1:00 pm to 1:40 pm

**Virtual Scribes and Assistants in Medical Practices**
Mark Carnett, DO
- Discuss the purpose of virtual scribes and assistants
- Identify the equipment and technology required for virtual scribes and assistants
- Review the office workflow changes with the introduction of virtual scribes and assistants

SPECIALTY: FM
CREDITS: .75
1:45 pm to 2:40 pm
**Integrating Biomedical Infomatics into the Clinical Practice**
Adela Grando, PhD
- Define biomedical infomatics
- Review examples of biomedical infomatics solutions
- List current challenges of biomedical infomatics
SPECIALTY: FM, EM, DERM, N/PSY, OB/GYN, OPH, PATH, PEDS, PM, PMR, PROC, RAD, S
CREDITS: 1.0

3:10 pm to 3:50 pm
**Telemedicine Liability: Do You Know the Risks?**
Jeremy Hodder, DHSc, MSc, Pg Dip Law, BScN (Hons) CPHRM, RN and Susan Jones, BA, LPN, CPHRM
- Define telemedicine
- Discuss the risks associated with four areas of telemedicine practice
- Review strategies to reduce the risks associated with telemedicine
SPECIALTY: FM, OB/GYN, PEDS, PMR, PM
CREDITS: .75

3:55 pm to 4:50 pm
**AOMA Town Hall: Healthcare Policy and Politics**
Kim Ross, Steve Barclay, JD, and Pete Wertheim, MS
- Review the current political climate in Arizona as it impacts healthcare and physicians
- Identify SWOTs to the osteopathic medical profession
- Discuss importance of advocacy
SPECIALTY: FM
CREDITS: 1.0

Immediately following the AOMA Town Hall, continue the discussion with AOMA Leadership and colleagues at the President’s Reception in the Exhibit Hall.
Complimentary beverages and appetizers provided.

Keep current on all the lastest news from AOMA
Like us on Facebook
Follow us on Twitter
And confirm your email address with AOMA.
Login and update your profile!
www.az-osteo.org
FRIDAY, April 13, 2018
Concurrent Tracks
7:30 am to 8:25 am - Sonora
Concussions
David Carfagno, DO, CAQSM
• Identify an individual with traumatic brain injury
• Review the classification system and current guidelines used in sports
• Discuss the multidisciplinary team in management of traumatic brain injury
SPECIALTY: FM, IM
CREDITS: 1.0

7:30 am to 8:25 am - Grand 4
Minimally Invasive LVADs and Hybrid Therapies
Zain Khalpey, MD, PhD, FACS, FETCS
• Differentiate which treatment is appropriate for an end stage heart failure patient: bridge to transplant or destination therapy
• Review the complications for LVAD patients and how to overcome them
• Determine myocardial recovery
SPECIALTY: FM, S
CREDITS: 1.0

8:30 am to 9:25 am - Sonora
Headache Medicine for the Non-Neurologist
Justin DeLange, DO
• Diagnose migraine and cluster headaches
• Recognize “red flag” features suggestive of secondary cause of headache
• Identity abortive and preventive options for treatment of headache
SPECIALTY: FM, N
CREDITS: 1.0

8:30 am to 9:25 am - Grand 4
Man Up! Why Men Won’t See Their Doctor
Efren Cano, DO
• Identify and recognize the reasons men avoid seeing a physician
• Review methods to overcome address and prevent these obstacles
• Explore evidence-based medicine in confronting these concerns
SPECIALTY: FM
CREDITS: 1.0

9:55 am to 10:50 am - Sonora
Seizures: What’s Shake’n
Thomas Minahan, DO, FACEOP
• Identify different types of seizures
• Recognize pseudo-seizures (psychogenic non-epileptic seizures)
• Differentiate convulsive syncope from seizure
SPECIALTY: FM
CREDITS: 1.0

9:55 am to 10:50 am - Grand 4
MACRA and the CMS Quality Payment Program
Howard Pitluk, MD, MPH, FACS
• Discuss the current CMS Quality Payment Program
• Distinguish the difference between the merit-based incentive payment system (MIPS) and an alternative payment model (APM)
• Identify and implement policies and procedures to ensure prompt and accurate CMS reimbursement
SPECIALTY: FM
CREDITS: 1.0
10:55 am to 11:50 am - Sonora
2018 Immunization Update
Karen Lewis, MD, FAAP
• Discuss the indications for use of the new Herpes Zoster subunit vaccine
• Review the criteria for recommending a third dose of MMR
• Identify which vaccines are needed for a patient with asplenia, a non-functioning spleen, or who will be having a splenectomy
SPECIALTY: FM, PEDS
CREDITS: 1.0

10:55 am to 11:50 am - Grand 4
Longitudinal Ultrasound Curriculum: A Reality
Charles Finch, DO, FACOEP
• Review ultrasound curricular delivery that includes vascular, cardiac, abdominal, and musculoskeletal components
• Demonstrate a training pipeline for competitive osteopathic residents experience in Point of Care Ultrasound (POCUS)
• Discuss opportunities for practicing clinicians to incorporate ultrasound into their practice
SPECIALTY: FM, EM
CREDITS: 1.0

Luncheon Lecture - Pavilion
12:00 pm to 1:25 pm
Journey to the White House and Beyond - Taking Care of VIP Patients
E. Connie Mariano, MD
• Describe the evolution of medical care to the President of the United States
• Identify the key features of “VIP Syndrome” and how it impacts patient care
• Employ clinical skills to provide high quality care to all patients
SPECIALTY: FM
CREDITS: 1.5

1:35 pm to 2:30 pm - Sonora
Perplexing Problems in Polypharmacy
Ned Stolzberg, MD
• Discuss the reasons behind and consequences of overprescribing
• Identify the risks and benefits to the elderly of various drug classes
• Review common prescribing challenges
• Discuss approached to prescribing based on goals of care
SPECIALTY: FM, HPM
CREDITS: 1.0

2:35 pm to 3:50 pm - Sonora
Death Certification and Postmortem Examination
Andrea Wiens, DO, MS
• Differentiate between cause of death and manner of death
• Properly complete a death certificate
• Determine if and when a death should be appropriately reported to the Office of the Medical Examiner
SPECIALTY: FM, PATH
Credits: 1.25
SATURDAY, April 14, 2018
6:00 am to 7:00 am - Sonora
Yoga in Practice
Michelle Mifflin, DO
• Describe the evidence-based benefits of yoga and find applications in patient care and personal work/life balance
• Create individualized patient selection criteria for yoga therapy
• Demonstrate and perform yoga techniques identified

SPECIALTY: FM
CREDITS: 1.0

Concurrent Tracks
7:30 am to 8:25 am - Grand 2-4
Asthma in Pediatric Patients
Danthuy Dao, DO
• Differentiate between asthma and other upper respiratory inflammations
• Review current guidelines for treating pediatric asthma patients
• Identify indoor and outdoor triggers for asthma attacks

SPECIALTY: FM, PEDS
CREDITS: 1.0

7:30 am to 9:25 am - Sonora
Osteopathic Approach to Thoracic Outlet Syndromes
Richard Dobrusin, DO, MS (Ost), FACOFP
• Define Thoracic Outlet Syndrome
• Demonstrate the basic OMT techniques for thoracic outlet syndrome
• Employ hands-on OMT techniques demonstrated

SPECIALTY: FM, OMM/NMM, SM
CREDITS: 2.0

8:30 am to 9:25 am - Grand 2-4
Understanding and Preparing for Emerging Diseases
Capt. Ha Tang, DO
• Discuss the history and threats of emerging diseases
• Identify the likely emerging diseases of the 21st Century
• Recognize the factors leading to an emerging disease outbreak and its enduring prevalence

SPECIALTY: FM
CREDITS: 1.0

9:40 am to 10:35 am - Grand 2-4
Lung Cancer Update
Ronald Servi, DO
• Review current options for preventing and screening for lung cancer
• Describe criteria for diagnosis and staging for lung cancer
• Discuss the rapidly changing treatment options for lung cancer

SPECIALTY: FM, IM, PULM
CREDITS: 1.0

9:40 am to 11:35 am - Sonora
Osteopathic Manipulation for the Knee and Shoulder
Carlton Richie III, DO, FAAFP
• Demonstrate examination of the knee and shoulder
• Determine post-examination diagnosis
• Employ OMM techniques in treatment of knee and shoulder diagnoses

SPECIALTY: FM, OMM/NMM, SM
CREDITS: 2.0
Evaluation and Treatment of a Thyroid Nodule
Bryan Friedman, DO
• Demonstrate preliminary workup for thyroid nodule
• Determine patient diagnosis and prognosis
• Describe appropriate treatment and follow up for recurrence of malignancy
SPECIALTY: FM, OTL, OTL/FPS CREDITS: 1.0

Clinical Case Competition Luncheon - Grand Ballroom
Fast and Fatal: A Rare Case of Primary Cardiac Angiosarcoma
Kaley Capitano, OMS III

Extracranial Systemic Embolic Events in Atrial Fibrillation: A Devastating Sequelae to a Common Diagnosis
Kathy Mostajeran, OMS III

Altered Mental Status: A Common Complaint that Led to a Rare Diagnosis - Ornithine Transcarbamylase Deficiency
Joshua J. White, OMS III
SPECIALTY: FM CREDITS: 1.5

Participate in the online evaluation of the clinical cases. Go to www.az-osteo.org/CaseEval or scan the QR Code below:

Concurrent Tracks
Antimicrobial Stewardship: Combating Resistance and Untreatable Bugs
Matthew Daab, MD
• Identify unwanted consequences of antibiotic use
• Discuss the components of an antimicrobial stewardship program
• Review challenges and solutions to implementing an antimicrobial stewardship program
SPECIALTY: FM CREDITS: 1.0

Tri Something Different for Headaches: An Osteopathic Approach for Headache Management
Deborah Heath, DO, CSPOMM
• Describe pathophysiology of cervicogenic and migraine headaches
• Discuss the trigeminocervical complex and its role in cervicogenic and migraine HA
• Employ osteopathic manipulative medicine techniques on the head and neck as part of HA management
SPECIALTY: FM, NMM/OMM CREDITS: 2.0
2:20 pm to 3:15 pm - Grand 2-4
Heart Health and Pregnancy:
Predicting Cardiovascular Health
Andrea Keller, DO
• Identify common pregnancy complications with potential long-term implications
• Discuss the biological changes associated with pregnancy that may lead to cardiovascular disease
• Identify modifiable behaviors to reduce the risk of cardiovascular disease during pregnancy and postpartum
SPECIALTY: FM
CREDITS: 1.0

3:30 pm to 5:00 pm - Grand 2-4
Stump the Doc - Medical Knowledge Competition
Moderator: Lori Kemper, DO, MS, FACOFP
• Identify common medical conditions presenting in a practice setting
• Determine appropriate treatment for identified conditions
• Discuss need for referral and follow up
SPECIALTY: FM
CREDITS: 1.5

6:30 pm to 10:00 pm
Grand Ballroom
Osteopathic Family Party
All are welcome!

SUNDAY, April 15, 2018
ALL MORNING SESSIONS PRESENTED IN THE GRAND BALLROOM 1 & 2

8:00 am to 8:55 am
Facts and Fiction: The True Story on Electronic Cigarettes
Gwen Levitt, DO
• Discuss the current information about electronic cigarettes and nicotine liquid
• Review the effects of nicotine on the body
• Recognize the impact of accidental and deliberate ingestion of nicotine liquid
SPECIALTY: FM, N/PSY
CREDITS: 1.0

9:00 am to 9:55 am
Primary Palliative Care
Richard Guthrie, DO, FACP
• Differentiate between primary and specialty palliative care
• Recognize the level of palliative care required for a patient and when to consult a specialist
• Identify resources for primary care and other non-palliative specialist physicians disorders and other gynecological issues in adolescents
SPECIALTY: FM, IM, HPM
CREDITS: 1.0

Thank you for attending the AOMA 96th Annual Convention.

See you next year April 10-14, 2019 at the Scottsdale Hilton for the AOMA 97th Annual Convention.
10:10 am to 11:05 am
Lessons Learned from a Physician Expert Witness
David Bryman, DO
• Discuss common ways physicians get into legal trouble
• Determine the legitimacy of a legal action against a physician
• Develop systems to improve documentation
SPECIALTY: FM
CREDITS: 1.0

11:10 am to 12:05 pm
Understanding the Science Behind Your DNA Ancestry Results
Mylynda Massart, MD, PhD
• Discuss what is in DNA that records family history
• Understand how DNA is passed from generation to generation
• Review how DNA identifies geographic ancestry
SPECIALTY: FM, EM, DERM, N/PSY, OB/GYN, OPH, PATH, PEDS, PM. PMR, PROC, RAD, S
CREDITS: 1.0

12:15 pm to 2:00 pm - Grand 3 & 4
AOMA Awards Ceremony and Luncheon - No CME
All are welcome
Arizona Osteopathic Medical Association 96th Annual Convention
Online Attestation Form

Osteopathic physicians and other medical professionals seeking to receive continuing medical education credits for the AOMA 96th Annual Convention MUST complete an online attestation and evaluation form for the hours attended. Paper attestation forms are not available.

Upon successful completion and verification of each attestation, your CME hours will be logged to your Professional Development record in your account profile on the AOMA website. You will also need your AOA number.

In order to avoid additional fees for issuance of CME credits for this Convention, all attestation forms MUST be completed by May 15, 2018. After this date, online access to the attestation forms will be closed and requests for CME credits from the AOMA 96th Annual Convention will be subject to a $25 late submission fee.

Online Attestation and Evaluation Forms Instructions

Step 1. Go to www.az-osteo.org/ConvCME or scan the QR code below.

Step 2. Create a “Save and Return” account so you may save your submissions and return at a later time or date.

Step 3. Enter your name, email address, and phone number.

Step 4. Enter your AOA Number in the space indicated. This is required to report credits earned to AOA.

Step 5. “Sign” the Attestation Statement by marking the bubble.

Step 6. Mark your attendance and complete the evaluation form for each lecture attended.

Step 7. Scroll all the way to the bottom of the last page of the form to complete and submit the form.

Step 8. You are done!

If you require assistance in completing the online attestation form, please contact an onsite AOMA staff member.

All of your credits will be reported to AOA within thirty days of the submission of your attestation form.

Please contact Janet Weigel, Director of Education, at janet@az-osteo.org or 602-266-6699 with your questions.

Thank you for attending the AOMA 96th Annual Convention.
MEETING ARIZONA’S [HEALTHCARE NEEDS]

Midwestern University Colleges
Arizona College of Osteopathic Medicine
College of Pharmacy–Glendale
College of Health Sciences
College of Dental Medicine–Arizona
Arizona College of Optometry
College of Veterinary Medicine

Midwestern University Clinics
Multispecialty Clinic | Dental Institute | Eye Institute
Animal Health Institute

Midwestern University
Tomorrow’s Healthcare Team

19555 North 59th Avenue
Glendale, Arizona 85308
(59th Avenue and Utopia South of the 101)
midwestern.edu | mwuclinics.com
mwuanimalhealth.com
Brandon Abbott, DO, MPH is a board certified internist and pediatrician practicing at North Country HealthCare in Flagstaff, Arizona, focusing on transitional care for children with chronic medical illnesses. A graduate of A.T. Still University School of Osteopathic Medicine in Arizona, Dr. Abbott earned a Master of Public Health at the University of New England College of Osteopathic Medicine during medical school. He completed his residency in internal medicine and pediatrics at the State University of New York at Buffalo. Dr. Abbott is also a part time staff physician for Doctor on Demand, a telemedicine company.

Alphonse Ambrosia, DO, FACC specializes in coronary artery disease, heart failure, hypertensive heart disease, stroke & carotid artery disease, coronary angiography & angioplasty, carotid angioplasty & stenting, TEE, PFO closure, renal artery angioplasty & stenting, and TAVI procedure. Board certified in cardiology and interventional cardiology, Dr. Ambrosia received his osteopathic medical degree from the College of Osteopathic Medicine of the Pacific. He practices in Mesa, Arizona.

Jillian Barber, MPH is the Manager, Community Benefit and Health Improvement for Sharp HealthCare. In her role as Manager for Community Benefit and Health Improvement at Sharp HealthCare (Sharp), Ms. Barber leads the process of identifying community health needs and the development of programs to address those needs for the communities served by Sharp’s seven hospitals. She leads community health needs assessment and implementation strategy development for the Sharp system, development of Sharp’s annual community benefit report, and holds a key role in partnership development and program management and implementation to address community health needs. Ms. Barber has spoken locally and nationally on the intersection of food insecurity/social determinants, health outcomes and health care utilization, and has facilitated the development of multiple outcomes-oriented community collaborations at Sharp to address this intersection.

Steve Barclay, JD is the contract lobbyist for the Arizona Osteopathic Medical Association. Mr. Barclay received his Bachelor of Arts degree from Oral Roberts University in Tulsa, Oklahoma and his law degree from the University of Notre Dame Law School in South Bend, Indiana. In law school, he was a member of the Notre Dame Lawyer Law Review, serving as Assistant Editor and attended Notre Dame’s London Law Programme, spending his second year of law school in London, England. Mr. Barclay has been repeatedly selected in the government relations practice area in the latest edition of The Best Lawyers in America, and has been recognized as one of the Arizona’s Top AV-Rated Lawyers by Martindale-Hubbell and ALM. His firm has also received Best Law Firms recognition for the past five years in US News & World Report.

Cindy Salm Bauer, MD founded the Phoenix Children’s Hospital Allergy and Immunology Clinic in 2013. She is an Assistant Professor at Mayo Clinic Arizona and Clinical Assistant Professor at University of Arizona College of Medicine. She is the Allergy and Immunology Resident Rotation Director at Phoenix Children’s Hospital as well as the site Director for the Mayo Clinic Arizona Allergy and Immunology Fellowship. Her areas of interest include food allergy, eosinophilic esophagitis, asthma, allergic diseases, and immunodeficiencies. She has authored multiple papers/abstracts and has a strong passion for teaching and research. She currently is involved in multiple NIH funded projects focused on pediatric asthma. In the community, Dr. Bauer is involved with Camp-Not-A-Wheeze, Arizona Allergy and Asthma Society, and the Arizona Asthma
Coalition. She was voted a Top Doctor for pediatric Allergy and Immunology by her peers, as published in Phoenix Magazine. Outside of work, Dr. Bauer is married and has 2 children. She enjoys spending time with her family and therefore often visits her hometown in Wisconsin.

**Michael E. Berens, PhD** is Professor and Director of Translational Genomics Research Institute (TGen) Cancer and Cell Biology Division, as well as TGen Deputy Director. His research focuses on how cancer spreads. Specific projects include accelerating drug discovery and development for glioblastoma, use of genomic profiling for treatment planning in cancer patients (precision medicine), and biomarkers of tumor response to therapy (correlative studies of clinical trials). Dr. Berens holds 4 patents, has launched two biotech companies, and is active in the entrepreneurial and business development community in Arizona. Career mentoring of emerging talent is an ongoing commitment in the turbulent academic landscape. He has been married to Patty for 40 years; they have two children and three grandchildren.

**David Bryman, DO** is board certified in Family Medicine and Obesity Medicine. He is currently a federal employee working as an Emergency Physician in the VA Hospital in Prescott, Arizona. Dr. Bryman is certified by the American Board of Obesity Medicine as an Obesity Medicine Specialist and the past president and Chairman of the Board of the Obesity Medicine Association. He is the past chair of the “State Medical Board Task Force” designed to update and serve as a resource to state medical boards that have outdated anorectic guidelines. Dr. Bryman served on the American Board of Bariatric Medicine for seven years and was the chair of the Patient Chart Review Committee. He has reviewed patient records and office inspections on-site for candidates requesting board certification in Obesity Medicine in all 50 states. Dr. Bryman has acted as an expert witness in over 60 cases regarding anorectic medications, general malpractice cases, and state medical board complaints against physicians.

**Efren Cano, DO** is a board certified family medicine physician and a core faculty member at Kingman Regional Medical Center (KRMC) Family Medicine Residency Program. Dr. Cano received his BS in Molecular and Cellular Biology from the University of Arizona. He is a graduate from the KRMC family medicine residency and an alumni from Arizona College of Osteopathic Medicine. Prior to medical school, Dr. Cano worked as a paramedic/EMT in Tucson, Arizona.

**David Carfagno, DO, CAQSM** is board certified in internal medicine and sports medicine. Dr. Carfagno received his Bachelor of Science in Exercise Science from Arizona State University. He received his Doctor of Osteopathy from the University of New England College of Osteopathic Medicine and completed his residency in internal medicine and a fellowship in primary care sports medicine at The Cleveland Clinic Foundation. Dr. Carfagno is board certified by both the American Board of Ringside Physicians (American College of Sports Medicine/ACSM) and the American Board of Ringside Medicine for USA Boxing. He is an ACSM certified Health and Fitness Instructor. Dr. Carfagno is a clinical preceptor for the University of Arizona College of Nurse Practitioner and a clinical assistant professor for MWU AZCOM and ATSU-SOMA. He is the Assistant National Medical Director for the Rock and Roll Marathon and a ringside physician on the Arizona State Boxing and MMA Commission. He has been voted Phoenix Magazine’s Top Doc in Sports Medicine from 2010–2017 and Internal Medicine in 2017.
**Mark Carnett, DO** is a board certified family physician practicing in Sierra Vista, Arizona. He received a bachelor of arts degree in biology from the University of Hawaii and is a graduate of the Chicago College of Osteopathic Medicine (CCOM). Dr. Carnett completed an internship and residency in family medicine at CCOM. He is an adjunct assistant professor with Midwestern University Arizona College of Osteopathic Medicine. Dr. Carnett is also an FAA Airman Medical Examiner. In 2017, after years of stressing over his electronic medical records, Dr. Carnett founded Hello Rache, a virtual healthcare and assistant company. His son Daniel and Megan are part of the Hello Rache management team.

**Donald Curran, DO** received his Doctor of Osteopathy from the Kansas City University of Medicine and Biosciences (KCUMB). He completed a residency in general psychiatry at Topeka State Hospital and a residency in family medicine and geriatric medicine at KCUMB. Additionally, he completed fellowships in general psychiatry and sleep medicine/chronobiology. Dr. Curran is board certified in family medicine, psychiatry, geriatric medicine, and sleep medicine. He has extensive experience in a variety of clinical settings with patients of all ages. Dr. Curran has a passion for teaching about clinical psychiatry and sleep medicine and working in collaborative care with a multidisciplinary team. Dr. Curran currently practices full time in telemedicine with a focus on general psychiatry.

**Matthew Daab, MD** is a family medicine physician on the Navajo Reservation in Tuba City, Arizona. An officer in the U.S. Public Health Service, Dr. Daab received his medical degree from the Uniformed Services University and completed his family medicine residency at Naval Hospital Jacksonville. Prior to medical school, he worked as a physical therapist, including five years on the Navajo Reservation in New Mexico. In addition to providing primary medical care to adults, adolescents, and children, Dr. Daab serves as chair of the Antimicrobial Stewardship Committee at Tuba City.

**DanThuy Dao, DO** is Vice Chair and Assistant Clinical Professor for the Department of Maternal and Child Health, Pediatrics. She graduated from Midwestern University, Arizona College of Osteopathic Medicine in 2003 and finished her Pediatric Residency at St. Joseph's Hospital, Phoenix, AZ in 2006. Dr. Dao joined Midwestern University after practicing as a Pediatric Hospitalist. She is Board Certified from the American Board of Pediatrics. Her current clinical practice is Pediatric Emergency Department at HonorHealth Deer Valley Medical Center.

**Susan Del Sordi-Staats, DO** is a board certified Family Medicine and Osteopathic Manipulative Medicine physician practicing in Scottsdale, Arizona. She graduated with a Bachelors degree in Psychology and a minor in Biology from Arizona State University and obtained her medical degree at Kirksville College of Osteopathic Medicine. She completed her Family Medicine residency at Scottsdale Healthcare in 2007. Dr. Del Sordi-Staats recently completed certification in Functional Medicine through the Institute of Functional Medicine. She served as Adjunct Faculty in the OMM department for ATSU–School of Osteopathic Medicine Mesa (SOMA) from 2007–2009 and continues to teach medical students from KCOM and SOMA in her practice. Dr. Del Sordi-Staats serves on the Board of Trustees and House of Delegates for the Arizona Osteopathic Medical Association. Dr. Del Sordi-Staats is passionate about restoration of health and finding unique ways to educate and empower her patients to live their best lives though a blend of osteopathic manipulation, traditional family medicine and functional medicine.
Taking Care of YOU and Your Profession

Since 1921, the Arizona Osteopathic Medical Association has been a champion for you and your peers. Membership in AOMA ensures that your Association will always be there when you need it. For less than the cost of a cup of coffee per day, you can be part of the only statewide association in Arizona dedicated to protecting and promoting the osteopathic medical profession. Please join us and help us continue to do great things on your behalf.

✓ AOMA protects you from legislation detrimental to the medical profession
✓ AOMA represents you as a community stakeholder in healthcare issues
✓ AOMA supports you with superior continuing medical education
✓ AOMA provides you with timely business of medicine resources
✓ AOMA helps you grow your practice with patient referrals
✓ AOMA offers you the skills to become a leader in your profession
✓ AOMA creates opportunities for you to network with your peers

For about $9 a week, AOMA is a wise investment in protecting your professional practice, enhancing your specialized skills, and furthering your career.

**Not an AOMA Member?** Join today and be a part of the 97-year tradition of protecting and promoting the medical profession in Arizona. To join, scan the QR code, visit [www.az-osteo.org/Join](http://www.az-osteo.org/Join), stop by the registration desk, or call the AOMA office at 602-266-6699.
Justin DeLange, DO is a board certified neurologist. His practice in Flagstaff, Arizona focuses on general neurology with subspecialty expertise in headache and management of facial pain. He is proficient in peripheral nerve block and Botox injections for headache treatment. His clinical interests involve treating intractable headaches such as chronic migraine, biobehavioral approaches to treatment, and advocacy for headaches. Dr. DeLange completed an internal medicine internship and neurology residency at the University of Texas Health Science Center at Houston, where he also serviced as neurology chief resident. He completed a headache medicine fellowship at the Mayo Clinic Department of Neurology, Rochester, Minnesota. He is certified in the subspecialty of Headache Medicine by the United Council for Neurologic Subspecialties. Dr. DeLange is a member of the Arizona Osteopathic Medical Association, Gold Humanism Honor Society, the American Headache Society, and the American Academy of Neurology.

Richard Dobrusin, DO, MS (Ost), FACOFP is an associate clinical professor at Midwestern University College of Osteopathic Medicine. Board certified in family medicine and osteopathic manipulative medicine, Dr. Dobrusin received his Doctor of Osteopathy from New York College of Osteopathic Medicine and his Master of Science of Osteopathy from Philadelphia College of Osteopathic Medicine, with specific focus in Thoracic Outlet Syndromes.

Charles Finch, DO, FACOEP is a board certified emergency physician practicing at Scottsdale Healthcare. He is a partner with Scottsdale Emergency Associates. Dr. Finch completed his residency in emergency medicine at Maricopa Medical Center. Additionally, he serves as medical director for the Scottsdale Fire Department, and the Fire Science Paramedic/EMT Program at Mesa Community College. Dr. Finch is a clinical professor of emergency medicine and chair of the Department of Integrative Medicine at Midwestern University’s Arizona College of Osteopathic Medicine. He also teaches at A.T. Still University’s School of Osteopathic Medicine. Dr. Finch is the founder and camp director of Camp Paz, a non-profit bereavement camp for children who have experienced a death in their lives.

Bryan Friedman, DO received his osteopathic medical degree from the University of Medicine and Dentistry of New Jersey. He completed his residency at Saint Barnabas Medical Center in Livingston, New Jersey. Dr. Friedman is board certified in otolarlyngology and facial plastic surgery. He maintains offices in Scottsdale and Payson, Arizona, dedicating a large component of his practice to in-office mucosal preservation sinus disease management.

Adela Grando, PhD is an Assistant Professor at the Department of Biomedical Informatics at the Arizona State University. She is also an Adjunct Clinical Professor at the Mayo Clinic. She trained first as a Computer Scientist in Argentina and Spain. Later, during her postdoctoral training in Scotland, she discovered her passion for applying computer science to medicine. Dr. Grando specializes in the development of technology to empower patients. In the last four years, she has edited the first book on patient empowerment and has received more than 2.5 million dollars in funding to develop patient-centered solutions.
Richard Guthrie, DO, FACP received his Doctor of Osteopathy from Lake Erie College of Osteopathic Medicine attending on an Air Force Health Professions scholarship. After completing a rotating osteopathic internship at The Western Pennsylvania Hospital in Pittsburgh, Dr. Guthrie served his active duty commitment as a Flight Surgeon at Luke Air Force Base logging over 200 flying hours in F-16, F-15, and F-4 fighter aircraft, as well as many other military platforms. He completed an Internal Medicine residency Banner Good Samaritan Hospital/Phoenix VA Medical Center. Dr. Guthrie was in the inaugural Fellowship class for Hospice and Palliative Medicine at Banner University Medical Center/Phoenix VA Medical Center from 2015 – 2016 and upon graduating became the Medical Director of Palliative Care at Banner Boswell Medical Center, where he also currently serves as Chair of the Bioethics Committee. Dr. Guthrie is a member of the clinical faculty at the University of Arizona, College of Medicine – Phoenix, and has served on the clinical faculty of Midwestern University College of Osteopathic Medicine. His professional passion is educating students, residents, fellows, and his primary care and other specialist colleagues about the fields of Hospice and Palliative Medicine.

Deborah Heath, DO, CSPOMM is Associate Dean of Curricular Integration at A. T. Still University. Board certified in osteopathic medical manipulation, Dr. Heath graduated from the Chicago College of Osteopathic Medicine. A past president of the Arizona Osteopathic Medical Association, she has served as a preceptor for several osteopathic schools throughout her career and has additionally served as visiting faculty for Western University and the Osteopathic Center for Children. Along with teaching Osteopathic Principles and Practices at SOMA, Dr. Heath is also a contributing author for the publication, Foundations of Osteopathic Medicine.

Jeremy Hodder DHSc, MSc, Pg Dip Law, BScN (Hons), CPHRM, RN is the Supervisor, Risk Management Services at the Mutual Insurance Company of Arizona (MICA). He has over 30 years of leadership, management, and clinical experience in health care. As a registered nurse, he has practiced across a wide and varied range of clinical areas including medical, surgical, orthopedic, pediatric, burns, plastic surgery, and cardiac telemetry. Mr. Hodder served as a commissioned officer with the British Army between 1991 and 1999. He was conferred with the degrees of Master of Science in Management of Human Services in 2004, and with a Post Graduate Diploma in Law in 2004. In 2014, he was conferred with the degree of Doctor of Health Sciences, and in 2015 with degree of Bachelor of Science (First Class Honors) in nursing. Mr. Hodder is a Certified Professional in Healthcare Risk Management.

Sue Jones, BA, LPN, CPHRM is a Senior Risk Management Consultant with Mutual Insurance Company of Arizona (MICA). She has worked in the healthcare field for over 20 years as a Health Care Risk Management/Patient Safety Specialist, researcher, and educator. Ms. Jones garnered extensive experience as a clinical risk manager for hospitals and trauma centers and managed a 12-physician outpatient pediatric and adolescent practice. Ms. Jones earned her bachelor’s degree from Temple University. She is a Master Trainer in TeamSTEPPS, trained in Six Sigma, and holds a certificate in Paralegal Studies. Ms. Jones is a Certified Professional in Healthcare Risk Management and is a member of the American Society of Healthcare Risk Managers and the Arizona Society of Healthcare Risk Managers.
Do you know how your practice will be impacted by SB 1001 Arizona Opioid Epidemic Act when it goes into effect April 26, 2018?

It is critical that physicians understand and implement the provisions of the new law before it goes into effect. There are numerous provisions that will impact physicians including new limits on quantities and dosages, Prescription Monitoring Program utilization, reporting requirements, licensure of pain management clinics, e-prescribing rules, medical education, and various other regulations.

To help you get started, AOMA has prepared a detailed presentation explaining all of the critical components of the new law and how they will apply to you and your practice, available to AOMA members on the AOMA website or scan the QR code. Member login is required.

AOMA Overview of Opioid Epidemic Act Special Session Legislation

Your feedback is important! If you have questions or concerns about the Arizona Opioid Epidemic Act, please contact the AOMA office at 602-266-6699 or communications@az-osteo.org.
Andrea Keller, DO is board certified in obstetrics and gynecology and practices at North Country Healthcare in Flagstaff, Arizona. Dr. Keller received her doctor of osteopathic medicine from Touro University Nevada College of Osteopathic Medicine. She completed her residency at Aurora Sinai Medical Center at the University of Wisconsin School of Medicine in Milwaukee.

Lori Kemper, DO, MS, FACOFP is board certified in family practice, receiving her DO degree from Kirksville College of Osteopathic Medicine. She also earned a masters of science from Arizona State University. Board certified in family medicine, Dr. Kemper is Dean of the Arizona College of Osteopathic Medicine at Midwestern University in Glendale, Arizona. She sees a full range of patients and has a special interest in OMM. A past president of the AOMA, she is chair of the AOMA Professional Education Committee.

J. Scott Kennedy, DO, FADD practices with Beatrice Keller Clinic Dermatology at the Sun City West location. He earned his medical degree from Arizona College of Osteopathic Medicine in Glendale, Arizona. After achieving his medical degree, Dr. Kennedy spent his residency at the Wilford Hall/Brooke Army Medical Center in Texas. Dr. Kennedy is board certified with the American Board of Dermatology. His primary foci at Beatrice Keller Clinic Dermatology are Medical Dermatology, Skin Cancer and Surgical Dermatology. Dr. Kennedy also performs cosmetic procedures including Botox, Pulse Dye Laser, and Chemical Peels. During his off time, he is an avid tennis player, and also enjoys golf, hiking, and spending time with his loving family.

Zain Khalpey, MD, PhD, FACS, FETCS is an associate professor of surgery at the University of Arizona College of Medicine – Tucson is the Tony S. Marnell, Sr. Endowed Chair for Research in Cardiothoracic Surgery. He serves as Surgical Director of the Mechanical Circulatory Support and Artificial Heart Programs and Co-Director of the Heart Transplant and Perfusion Sciences Programs at Banner - University Medical Center Tucson. Dr. Khalpey's research culminated in a PhD obtained through joint work at the University of Gdansk, Mayo Clinic, Harvard University, and Imperial College in the United Kingdom. In 2016 Dr. Khalpey was awarded the Distinguished Fulbright Chair in Medical Sciences (Europe). His major research focus is on translation of precision metabolomics in cardiac surgery, including the use of artificial intelligence modalities to predict risks of patients undergoing heart surgery and acute and chronic myocardial recovery when using stem cell/gene hybrid therapy with mechanical circulatory support.

Melissa Kotrys, MPH is the Chief Executive Officer for Health Current, the health information exchange (HIE) that helps partners transform care by bringing together communities and information across Arizona. Ms. Kotrys currently serves as the Vice Chair of the Maricopa Health Centers Governing Council and the Secretary of the Board for the national trade association of community and regional HIEs, the Strategic Health Information Exchange Collaborative (SHIEC). Prior to joining Health Current, Ms. Kotrys worked as a consultant and health policy analyst at Deloitte Consulting. Ms. Kotrys holds a Master’s in Public Health from The George Washington University with a concentration in health policy, and a Bachelor of Arts from The University of North Carolina at Chapel Hill.
Gwen Levitt, DO is an attending psychiatrist and Director of Research at Maricopa Integrated Health System's Department of Psychiatry. She also has a private practice in forensic psychiatry focusing on criminal and guardianship matters. She has been practicing in Phoenix since the completion of her residency at Maricopa Integrated Health System in 1994. Dr. Levitt has had a wide range of experiences in the field of psychiatry including correctional care, utilization management, hospital administration and, of course direct patient care. Her career has been dedicated to the seriously mentally ill population.

Karen Lewis, MD, FAAP received her medical degree at Washington University, St. Louis, Missouri. She completed a pediatric residency at the Phoenix Hospitals Affiliated Pediatric Program and completed a fellowship in pediatric infectious diseases at the UCLA School of Medicine. Dr. Lewis is board certified in pediatrics and pediatric infectious diseases and is a fellow of the American Academy of Pediatrics. For fifteen years she worked in Phoenix hospitals as a pediatric infectious disease consultant before joining the Arizona Department of Health Services in 2003. Dr. Lewis is the Medical Director of the Arizona Department of Health Services' Immunization Program Office.

Eleanor Concepcion “Connie” Mariano, MD is used to breaking barriers, used to shattering the glass ceiling. Born to a Navy steward and his wife in the Philippines, Dr. Mariano lived the life of a family in the American armed forces. Dr. Mariano was the first military woman to become the White House Physician to the President; the first woman Director of the White House Medical Unit; and the first Filipino American in US History to become a Navy Rear Admiral. After leaving the White House in 2001 following nine years and service to three sitting American presidents, Dr. Mariano became a consultant in the Executive Health Program at the Mayo Clinic in Scottsdale from July 2001 to October 2005. In November 2005, Dr. Mariano founded the Center for Executive Medicine, a medical concierge practice which provides presidential-quality medical care to CEOs and their families.

Mylynda B. Massart, MD, PhD is a board-certified family medicine physician at University of Pittsburgh Medical Center (UPMC), and assistant professor at the University of Pittsburgh. She completed her doctoral degree at the University of Utah in Molecular Biology/Biochemistry and her medical degree from Oregon Health Sciences University. She currently serves as the medical director at UPMC Matilda Theiss Health Center, and as a co-director for the HUB Core: Integrating Special Populations at the Clinical Translational Science Institute. Dr. Massart has experience working with diverse populations across the lifespan including obstetrics, pediatrics, adults, and older adults. She has served in the National Health Service Core in Idaho working with a rural population and currently works in an underserved community in Pittsburgh. Her research interests are in developing education in genetics and precision medicine for primary care providers and trainees and to be a research catalyst facilitating the inclusion of underrepresented populations in biomedical research. She teaches residents and medical students in her clinic and at the hospital and serves as medical director for Bethany Hospice. Currently, Dr. Massart is one of the co-investigators for the All of US Pennsylvania Research Project working on community education and engagement. In addition, she is working to create a local biobank at the University of Pittsburgh and developing systems to return precision medicine results to providers and patients. Dr. Massart resides in Pittsburgh with her husband, three children and two cats.
Michelle D. Mifflin, DO is an Assistant Clinical Professor in Family Medicine at Midwestern University. Concurrently, she serves as the Director and Arizona College of Osteopathic Medicine Faculty Advisor for Health Outreach through Medicine and Education (H.O.M.E.), assisting students in providing free medical care to homeless shelters in the Phoenix area. Dr. Mifflin earned her DO degree from Oklahoma State University, College of Osteopathic Medicine in Tulsa, Oklahoma and she completed her family medicine residency through the Midwestern University Graduate Medical Education Consortium at Tempe St. Luke’s Hospital in Tempe, Arizona. She is board certified in family medicine and is an avid yogi.

Thomas Minahan, DO, FACOEP is the program director of the emergency medicine residency at Arrowhead Regional Medical Center in Colton, California. Board certified in emergency medicine, Dr. Minahan is a graduate of the University of California Riverside where he earned his BS in biochemistry. He received his doctor of osteopathy from Western University of Health Sciences and completed his residency in emergency medicine at Midwestern University. The father of a child with intractable epilepsy, Dr. Minahan is passionate about the subject of seizures, their diagnosis, and treatment.

Jeffrey Morgan, DO, MA, CS, FACOI is a general internist and Fellow of the American College of Osteopathic Internists. He provided primary care medicine in Arizona for 18 years prior to joining ATSU-SOMA in July 2013 as associate professor of internal medicine and public health. Dr. Morgan subsequently served as chair of Clinical Science Education, Chair of the Student (Academic) Performance Committee, acting director of the Clinical Education Department, and acting dean, prior to being named dean in January, 2016. He is a graduate of Michigan State University’s College of Osteopathic Medicine, past president of the Arizona Osteopathic Medical Association (AOMA), and currently serves as AOMA Speaker of the House of Delegates. Dr. Morgan has served on the board of trustees of the Mutual Insurance Company of Arizona since 2004, is active as a delegate to the AOA House of Delegates, and is a graduate of both the Osteopathic Heritage Health Policy Fellowship and Midwestern University’s master of arts in bioethics programs. In 2013, he was honored as AOMA Physician of the Year.

Karen J. Nichols, DO, MA, MACOI, CS is the Dean of the Midwestern University/Chicago College of Osteopathic Medicine serving since 2002. She took a leave to serve as President of the American Osteopathic Association (AOA) in 2010-2011. A graduate of the Kansas City University College of Osteopathic Medicine (KCU-COM) with a DO degree, she holds a Master's degree in Management with a specialty in Healthcare Administration from Central Michigan University. In 2015, she was selected for the highest honor bestowed by the AOA, the Distinguished Service Award. Also in 2015, she received the Robert A. Kistner, DO Award, the highest honor bestowed by the American Association of Colleges of Osteopathic Medicine. Dr. Nichols received the 2014 Lifetime Achievement Award from the Arizona Osteopathic Medical Association (AOMA) and was the recipient of the first AOMA Physician of the Year award. Dr. Nichols is one of the first two DOs nominated by the AOA and elected the Accreditation Council of Graduate Medical Education Board, serving on the Executive Committee, Policy Committee, Common Program Requirements Revision Task Force and chairs the Governance Committee.
Howard Pitluk, MD, MPH, FACS is Vice President for Medical Affairs and Chief Medical Officer for Health Services Advisory Group (HSAG). From 1979 through 1998, he was engaged in the full time practice of general and vascular surgery as well as consulting in critical care. His clinical practice included the entire spectrum of surgical disease ranging from disorders of the endocrine, gastro-intestinal, and vascular systems and their surgical correction. In addition to his clinical duties, Dr. Pitluk's professional commitment encompassed peer review, case review in quality of care issues, and being actively involved in the teaching of both medical students and surgical residents as Assistant Clinical Professor of Surgery at Case-Western Reserve University College of Medicine in Cleveland, Ohio. In 2001, he completed his Masters Degree in Public Health at the University of Arizona and joined HSAG, the designated Federal Quality Improvement Organization for the State of Arizona. His responsibilities include chart review, standard of care assessment of medical records, and quality improvement activities for hospitals, physician providers, and healthcare stakeholders at both the federal and state levels. Dr. Pitluk holds board certification by the American Board of Surgery, and is a Fellow of the American College of Surgeons.

Andrea Raby, DO is a diplomat of the American Board of Psychiatry and Neurology in General Psychiatry. Dr. Raby completed her undergraduate degree in psychology and chemistry at Arizona State University and was also a member of their Honors College. She attended medical school at the University of North Texas Health Science Center and ultimately completed her residency at Maricopa Integrated Health. Dr. Raby has extensive clinical experience in community and hospital based psychiatry. For over ten years, she provided forensic evaluations for the acutely ill, inpatient consultations and direct services, as well as court testimonies for those on court order evaluations. Dr. Raby now brings her expertise to Bayless Healthcare, as part of a multidisciplinary team, in treating the outpatient population while creating integrated health programs and supervising physician assistants. Dr. Raby was born and raised in Arizona. She is married and has five children. She loves to balance her family and professional life with her outlet of endurance running.

Carlton Richie III, DO, FAAFP is a graduate of the Chicago College of Osteopathic Medicine and has practiced in the Phoenix area since 1999. He is one of the team physicians for the Milwaukee Brewers and the team physician for the Cesar Chavez High School Champions. Board certified in family medicine and sports medicine, Dr. Richie is an associate professor of osteopathic manipulative medicine at Midwestern University Arizona College of Osteopathic Medicine.

Kim Ross is a public affairs consultant and partially rehabilitated lobbyist. In his previous incarnation he coordinated for 16 years the political, legislative, and regulatory matters for the 36,000 member Texas Medical Association as their Vice President for Public Policy and Director of Public Affairs. In 2003 Mr. Ross formed Kimble Public Affairs in Austin, Texas, which specializes in healthcare policy and political strategy, with an emphasis on physicians' rights. He is retained by a number of state medical and national healthcare industry trade and professional organizations as well several national health care industry corporations. Although a fifth generation Texan and Dallas native, Mr. Ross was educated in Oklahoma, which he insists is not an oxymoron. He received his BS in Journalism at Oklahoma State University and an MA in policy analysis as a research fellow at Tulsa University.
Joy Schechtman, DO, FACP, FACOI, is a board certified internist and rheumatologist and owner of Sun Valley Arthritis Center in Peoria, Arizona. Dr. Schechtman is Professor, Clinical Education in both the Arizona College of Osteopathic Medicine and College of Allied Health Professions at Midwestern University and Clinical Assistant Professor, Clinical Education at Kirksville College of Osteopathic Medicine. A graduate of Ohio University College of Osteopathic Medicine, she completed her residency in internal medicine at Doctor's Hospital in Columbus, Ohio and a fellowship in rheumatology at The Cleveland Clinic Foundation in Cleveland, Ohio. Dr. Schechtman has been a principal investigator in over 170 studies covering multiple diseases including rheumatoid arthritis, osteoarthritis, psoriatic arthritis, osteoporosis, and gout.

Ronald Servi, DO is a board certified pulmonologist. He graduated from the Philadelphia College of Osteopathic Medicine. After an internship at the Hospital of the Philadelphia College of Osteopathic Medicine, he completed training in internal medicine, pulmonary medicine and critical care medicine at Geisinger Medical Center in Danville Pennsylvania and the University of New Mexico Hospital in Albuquerque New Mexico. Dr. Servi is adjunct assistant professor at the University of Texas MD Anderson Cancer Center in the Department of Pulmonary Medicine. He is also a clinical assistant professor at the University of Arizona College of Medicine and adjunct faculty at Kirksville College of Osteopathic Medicine Southwest Center in Phoenix. Dr. Servi currently works at Banner MD Anderson Cancer Center in Gilbert, Arizona.

Ned Stolzberg, MD received his undergraduate degree as a National Merit Scholar from the University of Texas and his graduate degree in medicine from the University of Massachusetts. He completed a family practice residency at Phoenix Baptist Hospital and worked in family and primary care medicine for over a decade in the Phoenix area. Dr. Stolzberg is the Executive Medical Director for Hospice of the Valley. He is board certified in both family medicine and hospice & palliative care medicine, is an Affiliate Faculty member at Midwestern University, and was voted “Top Doc” by his peers for Phoenix Magazine.

Ha Tang, DO is a board certified family medicine physician with the United States Public Health Service, Indian Health Service, in Tuba City, Arizona. A graduate of Western University of Health Sciences, Dr. Tang is a general medical officer in the United States Navy. He is currently the Deputy Chief of Family Medicine Department at the Tuba City Regional Health Care Corporation. Dr. Tang also is an adjunct associate clinical professor at the Dartmouth Medical School, Community/Family Medicine Department.

David Tessler, DO is a board certified gastroenterologist at Central Arizona Medical Associates in Mesa, Arizona. After finishing his undergraduate studies at University of Michigan, and medical school at Midwestern University-Chicago College of Osteopathic Medicine, Dr. Tessler completed an Internal Medicine Residency at Botsford General Hospital and fellowship in gastroenterology at Henry Ford Hospital, both in Michigan. Dr. Tessler is the Co-Chair of the Medical Advisory Committee of the Crohn's and Colitis Foundation, serves on the Patient Care Committee for the American College of Gastroenterology, and currently serves as the Medical Director of Central Arizona Endoscopy. He has lived in Arizona since 2005, with his wife, Mary, and two children, Evan and Sarah.
Lisa Villarroel, MD, MPH is Medical Director of the Bureau of Epidemiology and Disease Control with the Arizona Department of Health Services. Additionally she is a Clinical Assistant Professor with the University of Arizona College of Medicine and in private practice with Mountain View Family Physicians. Board certified in family medicine, Dr. Villarroel received her medical degree from Northwestern University in Chicago, Illinois and completed her residency at Banner Good Samaritan Medical Center in Phoenix.

Ronald S. Weinstein, MD, FACP is a Professor of Public Policy at the University of Arizona Mel and Enid Zuckerman College of Public Health. Dr. Weinstein has made significant contributions in research, service, and education. In the research arena, he has made contributions in the fields of experimental pathology and human bladder cancer and, more recently, in the fields of telemedicine and telepathology. Dr. Weinstein is widely regarded as a pioneer in the field of telepathology and has created major academic programs in this emerging area. He is often cited as the “father of telepathology”. A graduate of Rush Medical College in Chicago, Dr. Weinstein is the Director of the Arizona Telemedicine Program at the University of Arizona College of Medicine.

Pete Wertheim, MS is the Executive Director of the Arizona Osteopathic Medical Association (AOMA). Mr. Wertheim has an extensive background in public health policy and healthcare advocacy. His experience includes serving as a state legislative research analyst and policy advisor on health, welfare, and budget issues; working in both the private and public sectors as an advocate for healthcare; and tenure as a senior lobbyist for the Arizona Department of Health Services. A past president of the Arizona Public Health Association (AzPHA), Mr. Wertheim has received numerous awards acknowledging his contributions as an healthcare advocate including the 2008 Advocate of the Year from the Arizona Council of Human Service Providers, the 2012 American College of Physicians – Arizona Chapter Advocacy Award; and the 2013 Senator Andy Nichols Award from the AzPHA for Outstanding Contributions to Public Health.

Andrea Wiens, DO, MS is a medical examiner and neuropathologist in the Maricopa County Office of the Medical Examiner. Board certified in anatomic pathology, neuropathology, and forensic pathology, Dr. Wiens received her Bachelor of Arts in Biological Sciences and a Master of Science in Zoology from Southern Illinois University. She received her Doctor of Osteopathic Medicine from the Texas College of Osteopathic Medicine at the University of North Texas Health Science Center. Dr. Wiens hosts the University of Arizona College of Medicine Capstones Program for Maricopa County Office of the Medical Examiner.
Clinical, molecular, prescription drug monitoring, genetic/genomic & women’s health services

70+ Patient Service Centers throughout Arizona, including 10 locations in Safeway stores

AIM™ lab results analytics solution to improve population health while reducing costs

Contracted and in-network with nearly all health plans in the state of Arizona

Sonora Quest Laboratories™
A Subsidiary of Laboratory Sciences of Arizona

Learn more at SonoraQuest.com
CASE POSTERS

Students

Commotio Cordis and the Importance of the Treatment Window
Alicia Anderson, OMS I; Charles Finch, DO, FACOEP

Loss of Melanocytic Markers in a Cutaneous Primary Melanoma with Retention in the Sentinel Lymph Node
Aditi Chandra, OMS I, MA; Suraj Venner, MD; Tracy Middleton, DO, FACOFP; Snidhar Dronavalli, MD FAAD; Jennifer M. Reese, MD; Jeffrey D. Harvell, MD; Randolph R. Stephenson, MD; Lana Bijelic, MD

Goldenhar Syndrome: A Case Report Identifying a Constellation of Uncommon Clinical Features
Payush Chatta, OMS III; Shovna Mishra, OMS III; Josephine Kim, OMS III; Tanvi Devi, OMS III; Aimee Steiniger MD, Kate Whelihan, MPH, CPH

Evans Syndrome, Ascites, and Hashimoto’s Thyroiditis: An Atypical Presentation of Systemic Lupus Erythematosus
Sam Cook, OMS III; William Peppo, DO, FACOI, FCCP, FACP

“Like a Rag Doll”: A Rare Case of Pediatric Myasthenia Gravis
Maryann Davies, BA, OMS IV; Nancy Y. Chen, MD

Hodgkin Lymphoma Presenting with Acute ITP
Marcus Dee, OMS III; William Peppo, DO, FACOI, FCCP, FACP

Bilateral Lichen Striatus: A Rare Presentation of an Uncommon Linear Dermatosis
Jeffrey S. Dickman, OMS III; McKay D. Frandsen, OMS III; Andrew Racette, DO

Tubo-Ovarian Abscess: Surgical vs. Medical Management
Renee El-Khoury, OMS-IV; Tod Sugihara, DO; Charles Finch, DO, FACOEP

Morphea: Avoiding Delay in a Commonly Misdiagnosed Disease
McKay Frandsen, OMS III; Jeffrey Dickman, OMS III; Tracy Middleton, DO, FACOFP

When the Pressure’s On, Watch for When It’s Low: A Hypotensive Presentation of an Acute Aortic Dissection
Nicholas Gannon, OMS I; Charles Finch, DO, FACOEP

Trading Tablets for Tea: Poppy Seed Tea Dependence and Withdrawal Following Prescription Opiate Dependence
Mitchell Gleed, OMS III; Paul Valbuena, MD

Use of Cranial Osteopathic Manipulative Medicine to Treat Cranial Nerve III Palsy: A Case Report
M. Jensen Horan, OMS III; Gregory Caldwell, OMS IV; Katherine A. Worden, DO, MS; Sean C. Reeder, DO

Hyper-Estrogenism in a Chihuahua: Risk of Topical Postmenopausal Hormone Use
Heather Johnston, OMS IV; Shannon Scott DO, FACOFP; Erin Raney, PharmD, BCPS, BC-ADM

Clinical Vignette: Common Variable Immunodeficiency
Ashley Lutrick OMS, III; Ameen Elgash, MD; Robert Ligorsky, DO

Ischemic Stroke Associated with the Use of Oral Contraceptive Pills and First Time Migraine
Aniket Mody, OMS III; Albert Hsia, DO; Farrukh Qureshi, MD
Alcoholic Hallucinosis; A Rare Form of Alcohol Withdrawal
Tricia Ngo, OMS III; James Gnecco, OMS III; Mehmud Ahmed, MD

Hidden Peritoneal Cancer in a Vibrant Senior
Luisa Quintero OMS IV; Farshad Agahi, MD

Postural Orthostatic Tachycardia Syndrome (POTS): A Prevalent Manifestation of Autonomic Dysfunction.
Sowmya Swamy, OMS II; R. Samuel Mayer, MD, MEHP; Tae Chung, MD

CASE POSTERS
Residents
Case Study—Nonsurgical, Non-Orthotic Treatment of Plagiocephaly Without Craniosynostosis in a 4-Month-Old Infant: An Osteopathic Approach
Nathan Nakken, DO; Katherine Worden, DO, MS

Verifying Pathologic Anatomy on Ultrasound: A Case Report on Neurogenic Thoracic Outlet Syndrome
Benjamin Stumpf, DO; Vanessa Leonhard, OMS V; Katherine Worden, DO, MS; William H. Devine, DO

RESEARCH POSTERS
Students
Somatic Dysfunction in the Diagnosis of Torsion of the Ovary and Fallopian Tubes: The Utility of the Uterine, Ovarian, and Fallopian Tube Viscerosomatic Reflexes
Grace Chang, OMS III; Samantha Ho, OMS III; Daniel Martingano, DO

Burnout Among U.S. Physicians as Related to Work-Life Balance & Schedules: A Brief Literature Review
Kristen Dowdy, OMS IV; M. Jensen Horan, OMS II; Evan Reinhart, OMS IV; Noelle Provenzano, OMS II; Gregory Heller, DO

Osteopathic Implications of Neurovascular Structures Coursing Through the Submandibular Gland
Kelsey Eaton, OMS III; Vanessa Leonhard, OMS IV; Heather Smith, PhD; Richard Dobrusin, DO, MS (Ost), FACOFP

Computation, Modeling and Simulation of the Association of Candidate Drug Molecules with Target Proteins Using Molecular Operating Environment
Aren Ebrahimi, OMS II; Mingyi Yao, PhD; Tamer Elbayoumi, PhD

The Effect of Pregnancy and Postpartum on Myogenic Tone and Mechanical Properties in the Rat Radial Uterine Artery
Joshua Fuchs, OMS II; Brandon Hallaway, OMS I; Megan Zynda, MS; Johana Vallejo-Elias, PhD; Jason Struthers, OMS I; Kimbal E. Cooper, DVM; Delrae M. Eckman, PhD

The Effects of Pregnancy on the Structure and Function of the Middle Cerebral Artery
Brandon Hallaway, OMS I; Kimbal E. Cooper, PhD; Johana Vallejo-Elias, PhD; Jason Struthers, DVM, MVetSc, DACVP; Delrae M. Eckman, PhD
Using Osteopathic Manipulative Treatment to Effectively Reduce Labor Duration: A Pilot Prospective Observational Study
Samantha Ho, OMS III; Sharon Rogoff, OMS IV; Grace Chang, OMS III; George C Agliaioro, DO; Rosemary Ruggiero-DeCarlo, DO; Peter Wong, DO; Daniel Martingano, DO

Effect of Pregnancy on Abdominal Aorta Structure and Function
Kimberly A. Klatt, OMS III; Megan Zynda, MBS III; Johana Vallejo-Elias, PhD; Jason D. Struthers, DVM; Kimbal E. Cooper, PhD; Delrae M. Eckman, PhD

Increased Serum GIP Levels Correlate to Improved Survival Rates in Female DF508-CF Mice Fed Dietary Genistein
Ryan Lord, OMS II; Taylor Bowman, OMS II; Archana ChandraShekar, OMS II; Charisma Mylavarapu, OMS III; Nathan Fairbourn, OMS III; Ammer Dbeis, OMS III; Craig Hodges, PhD; Layla Al-Nakkash, PhD

Are You a Bundle of Nerves? The Abdominal Plexus Release and its Measurable Influence on Posture and Gait
Starr Matsushita, OMS IV; Shelly Tat, OMS IV; Anthony Mistretta, OMS IV; Deborah Heath, DO, CSPOMM

Evaluating the Impact of the Nutrition and Health Awareness Program on Physical Activity and Health Awareness
Chelsea Nagayama, OMS II; Anmol Bhatia, OMS II; Adam Lowry, OMS II; Jonathon Swan, OMS II; Joy H. Lewis DO, PhD, FACP; Kate Whelihan, MPH

Predicting Response to Diuretic Therapy in Chronic Lung Disease in ELBW Infants
Hardik Patel, OMS II; Joe Isler, PhD; Rakesh Sahni, MD; Mark Mercurio, MD

According to Students, Incorporation of Clinically-Based Ultrasound Workshops in a 1st year Medical Anatomy Course Enhances Learning Experience
Aaron Pike, OMS II; Randall Nydam, PhD; Charles Finch, DO, FACOEP

Cutaneous Squamous Cell Carcinoma: Evidence of Epithelial to Mesenchymal Transition
Christopher S. Pulford, OMS I; McKale R. Montgomery, PhD, RD; Chandana K. Uppalapati, BS; Agnes S. Pascual, BS; Elizabeth E. Hull, PhD; Kathryn J. Leyva, PhD

Use of Amniotic Tissue Derived Allografts to Promote Wound Closure Post-Mohs Micrographic Surgery
Kayleen Seaton, OMS II; Dustin Mullens, DO; Elizabeth Hull, PhD; Jason Barr, DO; Richard Averitte, MD

Choosing Primary Care: Factors Influencing Graduating Osteopathic Medical Students
Katherine M. Stefani, MPH, OMS I; Caleb Scheckel, DO; Jesse Richards, DO; Mark Speicher, PhD; Shannon C. Scott, DO, FACOFP

Antagonizing Thrombomospondin 1-Mediated Vascular Dysfunction with Decoy Recombinant CD47: A Novel Therapeutic Strategy
Jalicia Sturdivant, OMS II; Tamer Elbayoumi, PhD; Mingyi Yao, PhD

The mission of the Arizona Osteopathic Medical Association is to promote the osteopathic medical profession, serve our members, provide osteopathic continuing medical education, and advocate for access to high quality, cost-effective healthcare.
Double Trouble or Twice as Nice? A Review of Dual Sequence Defibrillation
Andrew Zhen, OMS IV; Jessica Zhen, OMS IV

RESEARCH POSTERS
Residents
Effects of Acupuncture on Chronic Idiopathic Pruritus: An Uncontrolled Pilot Study Evaluating Inflammatory Changes with Treatment
Mitchell Manway, DO, PGY2; Stephanie Blackburn, DO, Elizabeth Hull, PhD; Richard Averitte, MD; Yang Ahn, MD

RESEARCH POSTERS
Faculty
Collaborative Development of a Four-year, Integrated, Longitudinal Ultrasound Curriculum at AZCOM
Charles Finch, DO, FACOEP; Randall Nydam, PhD; Inder Raj S. Maken, MD, PhD; Jim Rinehart, PhD; Akash Patel, OMS II; Aaron Pike, OMS II; Priya Sharma, OMS II; Stephanie Chartier, OMS II; Robert Barnes, MD

Dorsal Scapular Nerve Entrapment in a Sample of Arizona Residents from the Midwestern University Body Donation Program
Heather F. Smith, PhD; Avery A. Williams, MS; Kelsey Hafner-Eaton, OMS III; Wade Wright, OMS I

PERFORMANCE/POPULATION IMPROVEMENT PROJECT POSTERS
Students
Bridging the Patient-Provider Gap: Using Multimedia to Enhance the Quality of Advanced Directive Discussions
Neha Chaurasia, OMS II; Christopher Koerber, OMS II; William Mendanha, OMS II; Daniel Duong, OMS II; Ali Sup, OMS II; Wyn Cromwell, OMS II; Nikita Nalam, OMS II; Kareem Hamadani, OMS II; Steve Pham, OMS II; Ellice Kang, OMS II; Ray Wagner MD; Christopher Dixon DO; Kate Whelihan MPH; Joy Lewis DO, PhD, FACP

Implementation of Mental Health Screenings at an Arizona Adult Homeless Shelter
Kelsey Davies, OMS II; Megan A. Flores, MBS; Joshua Haywood, OMS II; Alyssa Bernardi, DO; Michelle Mifflin, DO

Minimizing Barriers for Patients Completing Home Colorectal Cancer Screening Tests
Michael Gendreau, OMS II; Alicia Pugh, OMS II; Kamal Sumar, MD; Robert Baybar, MD; Lawrence Sands, DO, MPH; Douglas Campos-Outcalt, MD

Establishing and Sustaining a Medical Student-Run Osteopathic Manipulative Therapy Clinic
Uday Gulati, OMS IV; Marvin Dang, OMS IV; Pragya Kalla, OMS III; Laura Grady, DO

Efficacy of Instilling Asthma Educational Programs in Urban High Schools; A Trial Study
Nafee Talukder, OMS III; Patricia Bonilla, OMS III; Frances Chiang, OMS III; Carla Cortez, OMS III; Ivy Godana, OMS III; Drew Martin, OMS III; Robert Neibergeri, OMS III; Simar Singh, OMS III; Michael West, OMS III; Keisha Robinson, DO, April Walker MD, Kate Whelihan, MPH, CPH, Joy H. Lewis, DO, PhD, FACP

A Preliminary Evaluation of Cardiac Arrest Outcomes in a Community-Based Emergency Medical System and Large Three-hospital System Partnership
Tiffany Ziegler, MS, OMS II; Charles Finch, DO, FACOEP; Mark Speicher, PhD; Capt. Rod Thompson; Christine DeRuvo, RN
ADD AN ALLERGY CENTER TO YOUR PRACTICE

Less than 1% of patients suffering from allergic disease are being diagnosed and treated - specifically for respiratory allergies.

You can greatly improve patient health and substantially increase your revenue and profitability by targeting the untreated 99%.

DO THE MATH

90 patients out of every 100 tested will elect therapy.

PRO FORMA

20 patients monthly will net approximately $400,000 annually

30 patients = $600,000

50 patients = $1,000,000

WE INVEST IN YOUR PRACTICE

You can easily add this STARK compliant service to your practice with no capital investment or ongoing expense; we pay for and supply all that you need. We make an investment in your practice and our business relationship. Covered by insurance carriers, you will conservatively net $1,000 to $3,000 per patient.

In less than five minutes, you will receive the pertinent information to have an allergy center in your practice.

STOP BY ADVANCED ALLERGY BOOTH TO GET STARTED TODAY & SPEAK WITH A LOCAL D.O. USING THIS PROGRAM

CONTACT: Trevor Watters 480.209.0307
denalimedicalgroup@gmail.com

Advanced Allergy Associates

TESTING & IMMUNOTHERAPY
Arizona Osteopathic Medical Association
2018 Awards Luncheon Program

Welcome
Angela DeRosa, DO, MBA, CPE
AOMA President 2018-2019

Arizona Osteopathic Charities Essay Scholarship Winners

Clinical Case Competition & Poster Forum Winners

Student Distinguished Service
Starr C. Matsushita, OMS IV, SOMA
Jamie Christine Shawver, OMS III, AZCOM

Distinguished Service
Joseph F. Abate, JD

Humanitarian
Alphonse M. Ambrosia, DO

Volunteer of the Year
Kit C. McCalla, DO, MBA

Excellence in Osteopathic Medical Education
Sharon J. Obadia, DO, FNAOME

Outstanding Mentor
J. Aaron Allgood, DO

President’s Award
Elise J. Barney, DO

Physician of the Year
Tracy O. Middleton, DO, FACOFP

Lifetime Achievement
Dale R. Schultz, DO, FACN
Student Distinguished Service - AZCOM
Jamie Christine Shawver, OMS III

Student Doctor Jamie Shawver is a third year osteopathic medical student at MWU AZCOM. She earned a Bachelor of Science in Biomedical Engineering, with a minor in Biochemistry, from Arizona State University. Throughout her academic career, she has sought out leadership and service opportunities. Jamie served as Class Representative and later as First Vice President of the Student Government Association at AZCOM. This year she served as the National Legislative Affairs Representative of the Council of Osteopathic Student Government Presidents.

Jamie has studied Chinese, Spanish, French, and German. She has enjoyed traveling and learned to make pasta in Italy and curry dishes in Cambodia. She maintains a long-time relationship with a community in Kenya, helping them build a bee and chicken farm, with plans for a library.

A native Arizonian born at Desert Samaritan Hospital, Jamie has a twin brother Derrick and an older brother Devin. Parents Rick and Katrina live in Ahwatukee. At the age of nine her father told her she should be a doctor. (Dad you were right, as you always are. Thank you.) After graduation in 2019, Jamie plans to pursue a career in internal medicine with a focus on women's health.

Student Distinguished Service - SOMA
Starr C. Matsushita, OMS IV

Starr Matsushita is a fourth year osteopathic medical student at ATSU-SOMA. She is an OMM and Anatomy Teaching Fellow at SOMA. Proud of her profession, she has spent her tenure as a medical student promoting student engagement. If she could, she would shout from the rooftops her undying love for osteopathy (which she sometimes does, but only from really tall buildings - thus no one actually hears it.)

Starr’s service has taken many forms ranging from her involvement with AOMA at DO Day at the Legislature, the Student Legislative Affairs Committee, House of Delegates, and now as part of the Board of Trustees, as well as promoting community health worker training in the rural parts of Peru and Uganda with the student group Capacidad. With each endeavor her aim is to not just do the work but involve as many medical students, family, friends, and community members as possible. In fact, one of her most recent projects involves establishing an osteopathic room at the new Circle the City location in downtown Phoenix to promote OMM in communities experiencing homelessness.

Starr is honored to accept this award of service but knows that it wouldn’t be possible without the help and support of so many, namely her SOMA mentors Daniel Ebbs, DO, Julian Hirschbaum, DO, and Jenni Adams, DO; her teachers; AOMA leadership; her fiancé Justin, and her amazing family.
Distinguished Service
Joseph F. Abate, JD

Joseph Abate, JD was AOMA’s esteemed lobbyist for more than three decades. His service to AOMA was invaluable as he helped the Association evolve to become a recognized, powerful physician organization at the Arizona Capitol. Joe was a key advisor and strategist on numerous critical policy and political decisions impacting AOMA. He helped AOMA develop its DO Day at the Legislature, Political Action Committee, and other advocacy programs to inform and engage osteopathic physicians and students. His various accomplishments include the passage of an anti-discrimination law protecting DOs and defeating numerous inappropriate scope of practice expansion bills. Joe is a well-known face at the Arizona State Legislature, respected by legislators and lobbyists alike.

A native of New Jersey, Joe earned a bachelor of arts in history from Princeton University and his law degree from New York University School of Law. He came to Arizona in 1973 and has been involved in the community both professionally and personally ever since. An active member of the Arizona Republic Party for many years, Joe served as legal counsel for 18 years. He also was an Arizona Delegate to the Republican National Convention six times.

Joe and his wife Anne have been married 31 years and he has three stepchildren.

Humanitarian
Alphonse M. Ambrosia, DO, FACC

Alphonse M. Ambrosia, FACC is a cardiologist with a big heart. Board certified in cardiovascular disease and interventional cardiology, Dr. Ambrosia received his bachelor of science in engineering from Arizona State University and his osteopathic medical degree from the College of Osteopathic Medicine of the Pacific. He is a fellow of the American College of Cardiology. A popular lecturer, Dr. Ambrosia continues to participate in clinical research on coronary artery disease, hypertensive heart disease, stroke and carotid artery disease.

In 2010 Dr Ambrosia founded the Heart of Medicine Clinic in Mesa, Arizona. This clinic provides cardiac care for patients regardless of their ability to pay. The clinic routinely provides preventive cardiovascular care and evaluation free of charge. They work in partnership with local hospitals, laboratories, and industry to provide care to people who might otherwise ‘fall through the cracks’ or have to over utilize emergency services. The clinic is run by volunteers and has been of great benefit to the normally underserved population in Mesa.

Dr. Ambrosia is proud of his wife of 26 years, Leslie, a retired ICU nurse who cares for their three children: oldest son Al and daughter Thalia and son Mario who joined the Ambrosia family in 2004 when they were adopted through the Child Crisis Center in Mesa.
Volunteer of the Year
Kit C. McCalla, DO, MBA

For more than a decade Lt. Col. Kit C. McCalla, DO, MPH has chaired the AOMA Legislative Affairs Committee. This is one of the busiest and most important volunteer jobs within the AOMA. This past year, he has done an exceptional job navigating AOMA through various complicated and controversial policy issues related to the opioid epidemic, scope of practice encroachment, and access to care. He is a leader and active listener to the various member perspectives and adept at resolving differences that helps AOMA be proactive in its advocacy.

On active duty as an Air Force Flight Surgeon attached to the Louisiana Air National Guard, Dr. McCalla is board certified in orthopedic surgery. He has volunteered on numerous domestic and international medical/surgical missions. He received a Bachelor of Arts in Biomedical Science from St. Cloud State University in Minnesota and his doctor of osteopathic medicine from College of Osteopathic Medicine - Des Moines University. Dr. McCalla received his Masters of Business Administration with and emphasis in health care and health policy from Haslam College of Business at the University of Tennessee. He has been a member of the AOMA Board of Trustees for the past twelve years and is an Osteopathic Heritage Health Policy Fellow.

Dr. McCalla is honored to be chosen as this year’s recipient of the Volunteer of the Year Award.

Excellence in Osteopathic Medical Education
Sharon J. Obadia, DO, FNAOME

Sharon J. Obadia, DO, FNAOME is a true professional and leader. As an educator and mentor she has worked tirelessly in helping faculty and students realize there educational potential. Dr. Obadia is skilled at giving constructive feedback and turning potential negatives into positives. As a professor, she is soft spoken but demands a lot from her students, setting high expectations while instilling them with confidence that they can achieve their goals.

Dr. Obadia is the Associate Dean for Clinical Education and Services and an associate professor of Internal Medicine at A.T. Still University School of Osteopathic Medicine in Arizona. Dr. Obadia is the co-director of the Medical Skills courses and spent seven years as the director of faculty development at ATSU-SOMA. Dr. Obadia is a graduate of ATSU’s Kirksville College of Osteopathic Medicine. She is board certified in internal medicine by the ABIM. Dr. Obadia is a fellow of the National Academy of Osteopathic Medical Educators and has completed fellowships in Teaching and Learning and Educational Leadership at the University of Southern California Keck School of Medicine.

Dr. Obadia is married to Jack Obadia, DO. They celebrate their 20th wedding anniversary this year and have a son, Marc and a daughter, Simone.
Outstanding Mentor

J. Aaron Allgood, DO

J. Aaron Allgood, DO stands out among his colleagues as an osteopathic educator and mentor, serving as an exemplary role model, classroom instructor, and course director for small group learning.

Dr. Allgood is an associate professor and chair of clinical science medicine at A.T. Still University School of Osteopathic Medicine in Arizona (ATSU-SOMA). He is board certified in internal medicine and a former U.S. Air Force physician. Dr. Allgood is the director for medical student rotation courses in cardiology, critical care, and healthcare for the homeless. He is heavily involved in the development of curriculum and facilitation for the first and second-year medical student courses.

He has an interest in public health (both local and international) and health disparities in medicine, including leading a medical team into Haiti in response to the devastating earthquake. After the completion of his Air Force commitment he went from a full-time outpatient clinic to now volunteering his clinical time to Circle the City, a medical respite center for people experiencing homelessness in downtown Phoenix.

Dr. Allgood credits his wife Leann Allgood, MD - a talented surgeon and mother - as his mentor in medicine and in life. And he loves being Dad to Anabel and Lucas.

President’s Award

Elise J. Barney, DO

Elise J. Barney, DO is a staff nephrologist at the Phoenix VA Healthcare System, where she has had a leading role in quality improvement initiatives. Her interests include hypertension, diabetic kidney disease, and nutrition. Dr. Barney received the 2016 Banner University Medical Center Residency “VA Sub-Specialist of the Year” award.

Dr. Barney is a clinical associate professor of medicine at Midwestern University-AZCOM and the University of Arizona College of Medicine. She has a passion for teaching and works closely in the education of medical residents and students through both clinical rotations and academic lectures.

She is active with the Arizona Osteopathic Medical Association serving on the Board of Trustees as a New Physicians’ Representative from 2015-2017 and now as a District 2 Representative. In addition to recruiting her physician colleagues to join AOMA and her active participation and engagement in numerous AOMA activities and events, including Dinner with Doctors and AOMA’s inaugural legislative reception with the Arizona Medical Association, Dr. Barney shines as an emerging star in the osteopathic community and an integral part of AOMA’s success. She is honored to be receiving the AOMA President’s Award.

Dr. Barney speaks Spanish, French, and Italian. In her free time enjoys traveling, volunteering, hiking, and Orange Theory fitness.
Physician of the Year
Tracy O. Middleton, DO, FACOFP

Tracy O. Middleton, DO, FACOFP has distinguished herself as a leader in the osteopathic community. Through her mentoring of students and colleagues she has earned the respect and admiration of her peers.

Dr. Middleton is Chair and Clinical Professor of Family Medicine, at Midwestern University, Arizona College of Osteopathic Medicine. She received her DO degree from Oklahoma State University-College of Osteopathic Medicine in and completed a family medicine residency at Flint Osteopathic Hospital in Flint, Michigan.

Dr. Middleton is board certified in family medicine & OMM. Before joining AZCOM, she spent 17 years in private practices in Phoenix and Glendale, and as an attending physician at John C. Lincoln Family Medicine. She was recently named the American College of Osteopathic Family Physicians Family Medicine Educator of the Year for her teaching efforts.

Dr. Middleton and her husband Donald Middleton, DO have four children - Donny, Makenzie, Katie, and Christopher - daughter-in-law Hart, and two grandchildren Dalton and Tinsley.

Lifetime Achievement
Dale R. Schultz, DO, FACN

Dale R. Schultz, DO, FACN is a testament to osteopathic medicine. Throughout his career as an esteemed clinician, champion, teacher, trainer, mentor, colleague, and friend, Dr. Schultz has touched the lives of countless physicians and patients. He set the bar to do nothing less than your best in providing patient care, achieving optimal outcomes, and establishing top personal goals and expectations.

Dr. Schultz graduated from the Chicago College of Osteopathic Medicine followed by internship at Flint Osteopathic Hospital in Michigan. He completed his neurology residency at Walter Reed Army Medical Center and was Assistant Chief of Neurology at Fitzsimmons Army Medical Center, Denver Colorado. Dr. Schultz is board certified by the American Board of Psychiatry and Neurology and the Board of Neuropsychiatry.

Dr. Schultz was the Director of the Neurology at Phoenix General Hospital and provided neurologic support to the medical staff. He instructed approximately 1,000 students, interns, and residents over a 40-year period. Dr. Schultz operated his private practice from 1976 to 2017. He continues to be on staff at Barrow Neurologic Institute and a member of the Academy of Neurology.

Dr. Schultz has received numerous awards during his career. Part of AOMA since 1976, he is an Honorary Life Member. Dr. Schultz and his wife Andrea have three sons, four grandchildren, and two great-grandchildren.
AOMA is excited to offer On-Demand continuing medical education lectures through the **DOCME.org** online platform. More than 100 different programs are available on a wide variety of topics.

**AOA Category 1-A, 1-B, or 2-B credit or AMA PRA 1 credit™ may be earned, depending upon the course.**

Check back often for new topics! Visit the AOMA website under the Education tab.

**DOCME.org is your premier source for high quality, pertinent online CME.**

**NEW: AMA PRA 1 CREDITS™!**

---

**Guide to Coding and Documentation for Osteopathic Manipulative Medicine**

For clinicians looking for help in understanding coding and documentation rubrics for evaluation and management services, the appropriate use of modifier -25, and the selection of osteopathic manipulative treatment codes the AOA and AOIA have created the **AOA Guide to Coding and Documenting Osteopathic Manipulative Treatment and Evaluation and Management Services**. This manual expands on the AOA Position Paper on OMT and E/M to include discussions on the E/M Documentation Guidelines and how to choose a level of service and proper documentation for OMT.

**Cost: $30**

Available for purchase at the registration desk or go to www.az-osteo.org/Store
Recruit a new member, get a $100 AOMA Credit!

Do you know someone who isn’t an AOMA member . . . and should be?

Recruit a new AOMA member and both you and the new member receive a $100 credit toward membership dues or continuing medical education fees.

For details on how to recruit a new member and receive your credit, visit the AOMA website at www.az-osteo.org under the Members tab or contact the AOMA office at info@az-osteo.org or 602-266-6699.

For more than ninety seven years since its founding in 1921, the AOMA has protected the rights of physicians and advanced osteopathic education and patient care.

The AOMA works for you and is your voice for the osteopathic profession in Arizona.

• Professional Development
• Advocacy & Public Affairs
• Education & Practice Solutions
• Networking and Peer Support

Arizona Osteopathic Medical Association
DOs - Treating Our Family and Yours
www.az-osteo.org
There are few experiences more rewarding than serving as an officer and a family physician with the Army Reserve. You will work with professionals at the top of their fields, be exposed to new technologies and points of view, and even have the opportunity to take part in humanitarian missions that stretch and sharpen your skills. You can also receive up to $250,000 in student loan repayment and $75,000 in Special Pay.

See how the time you invest with the Army Reserve can enhance everything you do from Monday through Friday — and throughout your professional career.
Today’s medical practices rely more and more on information technology, putting you at risk for data breaches, lost data and associated legal expenses. The e-Med Protection endorsement provides coverage for these, as well as several other, “cyber liability” risks. At MICA not only does our policy provide comprehensive medical professional liability coverage, but we also include e-Med Protection coverage…for no additional premium.

To learn more about e-Med Protection coverage from MICA and how you can become a member, visit our website at www.mica-insurance.com or, contact us at 800.352.0402.

e-Med Protection coverage in Nevada does not include coverage for fines and penalties for EMTALA proceedings and Stark proceedings (per statutory requirement). MICA has partnered with NAS Insurance Services to administer and provide claims services.