

2014 New Members

Acadia Windows & Doors
AGC Glass Company North America
Apollo Building Products, inc
Arcadia, Inc.
Beechworth Windows LLC
BURRIS WINDOWS
Codel Entry Systems
Columbia Manufacturing Co. Ltd.
DOERS Window Manufacturing LLC
Efficient Windows Collaborative
EL & EL Wood Products
Ensinger Building Products
Fenestration Plus Fenefco inc.
FrontLine Bldg. Products Inc.
HBS Aluminium Systems
Hope's Windows, Inc.
Humann Building Solutions, USGBC Nevada
Inside Out Home Improvement

Institute for Market Transformation
INTIGRAL
Kohltech International Limited
Luoma Contract INC
Mastercraft by Midwest Manufacturing
Mercury-Excelum, Inc.
Monarch Materials Group, Inc.
Moss Supply
Quaker Window Products Co.
Schuco USA
Superior Windows & Doors
Tempest Architectural Products, Inc.
Turner Engineering & Consulting, Inc.
University of Florida



Visit the Member Center

- Songhees Suite
- Open during all breaks
- Vote for the Board of Directors
- See some of NFRC's history
- Meet with other member of NFRC Staff
- Quiet work space with Wi-Fi and outlets



25th Anniversary Student Film Contest

3rd Place

[Emily Blazek](#)

2nd Place

[Carlos Perez](#)

1st Place

[Michelle Gupta and Jessica Wu](#)



Welcome to Victoria CEO Report

- Remembering the Past
- Celebrating our success
- Housekeeping
- Legal Counsel Report
- Chairs Report

Remembering the Past

NFRC Chairs

- Lou Masonick, 3M Interim Chair 1989
- Eric Ekstrom, WDMA: 1990-1992
- Julie Cahn, VWDI – 1993
- Mark Jackson, Bonneville Power Administration 1994
- John Mumaw, Owens-Corning 1995-1996
- Deb Brunold, Jeld-Wen 1997-1998
- Jim Krahn, Marvin 1999-2001
- Tony Rygg, CEC 2002-2004
- Marcia Falke, Keystone 2005-2007
- Joe Hayden, Pella 2008-2010
- Steve Strawn, Jeld-Wen 2011-2013
- Jeff Baker, WESTLab 2014 -

Celebrating our Success

- Improved Governance
- Program Development and Growth
- National and International Recognition
- Partnerships (EPA, DOE)
- Membership
- Outreach

This week in Victoria



- ▶ **Wireless:** There is a wireless internet access code for our group – *in your badge*
- ▶ **Stay Tuned:** Live meeting report <http://nfrcnews.blogspot.com>
- ▶ **Member Center:** Vote for the board, see NFRC history, staff assistance, work areas and more. Open during meeting breaks, Monday-Wednesday. Located in the Songhees Suite.
- ▶ **DOE Presentation:** DOE is joined by their national labs to discuss *Bringing Window Innovations to Market*, today following this session.

This week in Victoria



- ▶ **Offsite Reception:** Join us this evening to celebrate and network
 - *Busses leave for the Royal B.C. Museum at 5:45 (return at 7:45)*
- ▶ **Chair Appreciation Networking Luncheon:** Please join us on Wednesday, All registered attendees welcome.
- ▶ **International Panel:** Wednesday, after the luncheon, representatives from Canada, Germany, South Africa, and Australia, will speak as well as a staff overview on internal international outreach programming.
- ▶ **Observe Your Leadership:** Open NFRC Board Meeting Thursday morning, all registered attendees welcome.



This week in Victoria



Meeting Lapel Pin

NFRC Attendees– Part of the Solution:

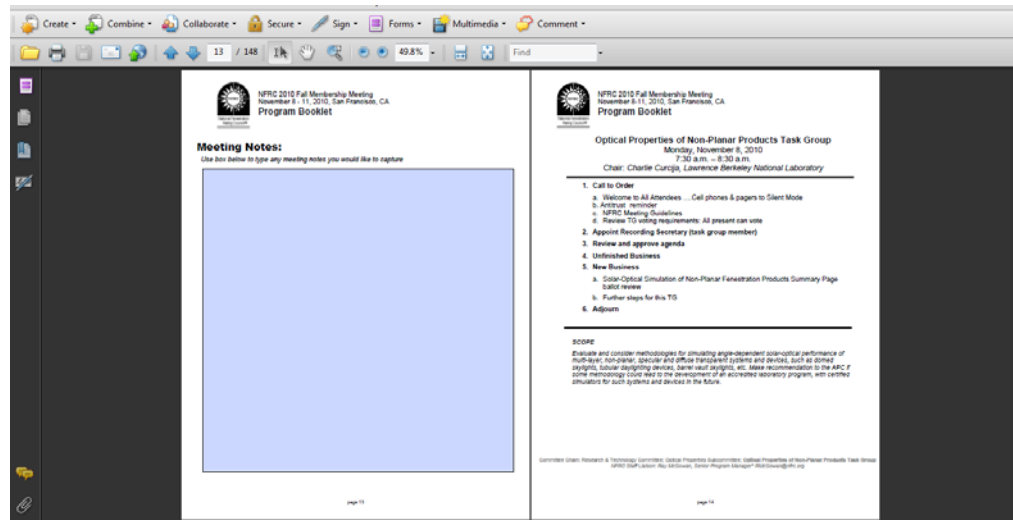
- Purchase/Donate at the Registration Desk
- \$10 each – very worthy cause!
- Donations for Habitat for Humanity, incorporating Green Solutions and EE Fenestration



Supporting Information



- ▶ NFRC continues **GREEN** – Meeting Flash Drive
 - Program Booklet (*Take notes directly in PDF*)
 - Ballot Tools: All Ballots/Voting & Comment Summary
 - Schedule
 - Minute Taking & Blank Motion Forms



Supporting Information



▶ NFRC Working to Ensure Appropriate Votes are Counted

- One Vote per Member Company
- Distributed at Registration
- *One Card for Subcommittee and one each for any Committees where Company is currently on roster*



Supporting Information



▶ NFRC Virtual 'Follow-Along' Option

- Code for participation in badge
- Follow what is shown on screens – on your laptop
- PLEASE keep computer muted

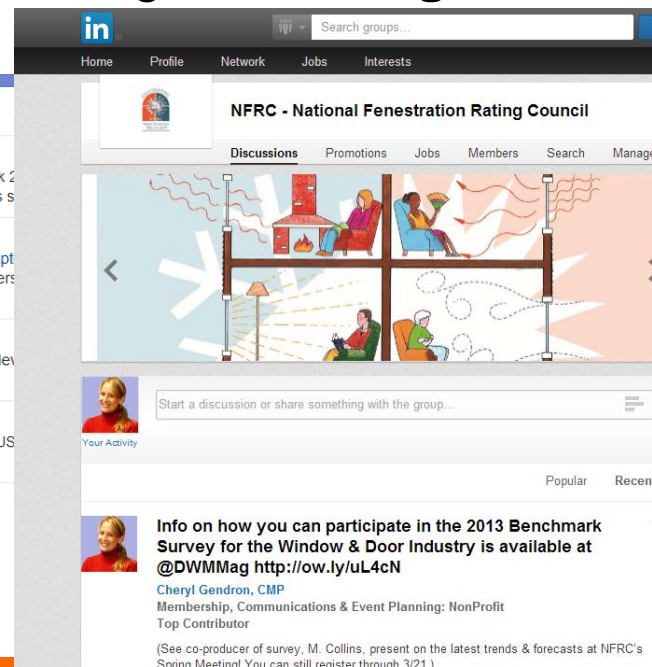


Supporting Information



▶ Be a part of the conversation.....

- @NFRCCMeetings will be tweeting live this week
 - Blog features
 - Schedule changes
 - Pictures
- Join the conversation using hashtag **#NFRCCmtg14**



Committee Chair Reports

▶ **Accreditation Policy Committee, J. McFee**

◦ **Reports**

- Number of NFRC-accredited labs
- Status of Interlaboratory Comparisons
- Complex Glazing Training

▶ **Technical Interpretation Policy Committee, T. Culp**

- **Brief summary of purpose**
- **No action items**

Committee Chair Reports

▶ **Certification Policy Committee, J. Jonely**

- **Staff Report**
- **Program Document Updates**
- **CPD Update**

Committee Chair Reports

▶ Research and Technology Committee, D. DeBlock

◦ Research SC

- Discuss future research projects.

◦ Thermophysical Properties SC

- The NFRC 101 TG , review the NFRC 101 ballot regarding density.
- Staff will report on the effect of the density modification to appendices A and B and the references used to support appendices A and B properties.

◦ Optical Properties SC

- The ASTM G197 TG task group may reconsider the spectrum being considered.

Committee Chair Reports

▶ **Regulatory Affairs and Marketing Committee, G. Stone**

- **Affiliated Organization Reports**
 - Reports from five organizations
- **National Regulation & Codes Update, G. Stone**
- **EPA's Energy Star Update, D. Anderson**
- **Guest Speaker from USGBC Nevada Chapter, D. Huard**
- **Staff Update - Communications Yearly Report, T. Herron**

Committee Chair Reports

▶ Technical Committee, M. Thoman

◦ Daylighting Subcommittee:

- Daylighting Potential Rating Procedure task group will consider how to move forward.

◦ Software Subcommittee:

- WINDOW/THERM Approval Task group will report on implementation of Window/THERM version 7 and sunset version 6 by January 1, 2015
- Staff to provide a status on the CMAST modifications
- CPD Advisory Task Group will report on the items detailed during the Task group's past year. Efforts are being included in the NFRC Software development plan for CPD.

Committee Chair Reports

▶ Technical Committee, M. Thoman

◦ U-factor Subcommittee

- The Door Task Group will report on update of new modeling method for entrance doors
- The Skylight Task Group will report on progress towards a simulation method of domed skylights.
- Review of the NFRC 100 Curved Glass Ballot – allow rating of curved glass up to 20 degrees.

◦ Solar Heat Gain Coefficient Subcommittee

- The TDD Task Group will report on success of ATI's chamber to now test TDD's for Visible Transmittance annual rating.
- Review the following ballots:
 - NFRC 200 Curved Glass Ballot – allow rating of curved glass up to 20 degrees.
 - NFRC 203 Ballot – to clarify reporting requirements for VT of TDD



Committee Chair Reports

▶ Technical Committee, M. Thoman

◦ Ventilation Subcommittee

- Ventilation Rating Task Group will review the NFRC 401 ballot, the second draft of a ballot for a new rating.

◦ Residential Component Based Calculation Task Group

- Provide findings on end-point calculations
- Discuss researching a grid add-on value

◦ Technical Committee

- The Residential Component Based Calculation Task Group
 - Provide findings on end-point calculations
 - Discuss researching a grid add-on value
- Appoint a vice-chair
- Discuss a rating for Environmentally Controlled Dynamic Glazings (ECDG)
 - Christopher Anderson of Pleotint will ask the Technical Committee to appoint a task group to develop ECDG ratings.



Committee Chair Reports

▶ Ratings Committee, S. Johnson

◦ **NFRC 700 (PCP) Subcommittee**

- NFRC 700 PCP Review task group has 3 ballots and the task group will continue to meet and prepare additional ballots for Spring 2015
- Certification Extension Work Group will report that several groups have been involved in providing the requested program improvements and investigation to support extending the certification cycle
- NFRC Applied Film Program task group will report on the progress to develop License Agreements for the Applied Film industry and the APD. In order to simplify the program, the Task Group will provide separate ballots in Spring 2015 for memberships approval.
- The following ballots to be discussed and reviewed
 - **NFRC 700 Air Leakage** – CA Title24 Ballot – ballot to offer AL ratings for doors required by CA.
 - **NFRC 700 Submittal Form Ballot** – ballot to clarify the requirement to complete and forward a Submittal Form for Test Samples to the NFRC accredited Laboratory.
 - **NFRC 700: Commercial Site-Built Ballot:** identifying commercial site-built products shall be rated through the NFRC 705 program, with special cases to be rated through the 700 program.



Committee Chair Reports

▶ Ratings Committee, S. Johnson

◦ **NFRC 705 (CMA) Subcommittee**

- NFRC 705 CMA-PCP ballots to discuss and also discuss pending ballot implementation dependent upon CMAST modifications.
- The following ballots to be discussed and reviewed
 - **NFRC 705 ballot- CMA usage guidelines** - this ballot will clarify NFRC 705 by ensuring products that can be rated in CMA are truly rated using CMA.
 - **NFRC 705 ballot-large residential window products in CMA** -this ballot sought to allow commercial quality or sized windows used on residential projects to be rated using CMA.

2014 Dariush Arasteh Memorial Member of the Year Award



2014 Dariush Arasteh Memorial Member of the Year



Joe Hayden
Pella Windows & Doors

NFRC Member Spotlight

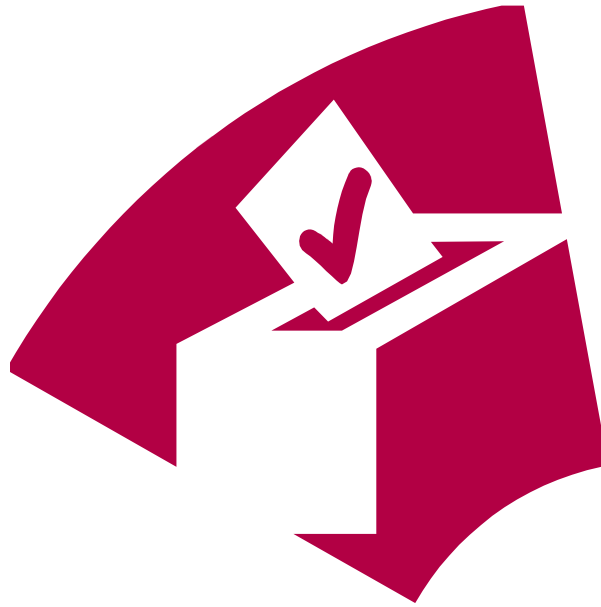


Yossi Vinograd
Stephanie Skoglund
Neall Digert
Ken Schmidtchen
Steve Harp
Ryan Harnden
Steven Coble
Darrell Smith
Christian Kohler

Joe Hetzel
John Carmody
Kevin Vilhauer
Stewart Nicholas
Tim Metcalfe
Justin Partee
Dave DeBlock
Joe Jonely
Ken Nittler

Thank you!

Nominate Someone Today



2014-2015 Board of Director Candidate Introductions

Fenestration, Unspecified

- Catherine Best
- Tracy Rogers
- Andy Russo
- Margaret Webb

Fenestration Category, Primary Residential Manufacturer

- Steve Harp
- Joe Hayden
- Kevin Vilhauer

General Interest, State or Local Government Energy or Building Code Office

- Payam Bozorgchami

General Interest, Unspecified

- Anthony Cinnamon
- Kerry Haglund
- Ravi Srinivasan

General Interest, Non-profit or consumer Organization

- Daniel Huard
- Ryan Meres



Tracy Rogers

Unspecified Fenestration Category



Tracy has been working in the fenestration industry for 27 years, working in both the technical and sales/marketing fields. He has his B.S in Mechanical Engineering from the Rochester Institute of Technology, Masters in Finance, and Masters Certificates in Business Management and Advanced Marketing Strategy, and International Negotiations. He is actively involved and has chaired various task groups and committees within AAMA, WDMA, NFRC, GANA, IGMA, and ASTM. He is currently the Chair for the Air Leakage Subcommittee and Residential Component Modeling Task Group.



Ravi Srinivasan

Unspecified General Interest Category



Ravi has been at the University of Florida for three and a half years and is currently an Assistant Professor. He has his PhD & MS in Architecture from the University of Pennsylvania and his MS in Civil Engineering from the University of Florida. He is a Certified Energy Manager and is a LEED AP and Green Globes Professional. He has been involved with NFRC for two years and is active on the ANS Standards Committee.

