

# NGA GLASS CONFERENCE™ MILWAUKEE

AUGUST 6-8, 2024

**NGA**

NATIONAL GLASS ASSOCIATION with GANA



# FGIA Update

- **Amy Becker**
  - Glass Products Specialist
  - [abecker@FGIAOnline.org](mailto:abecker@FGIAOnline.org)

**THANK YOU !!**

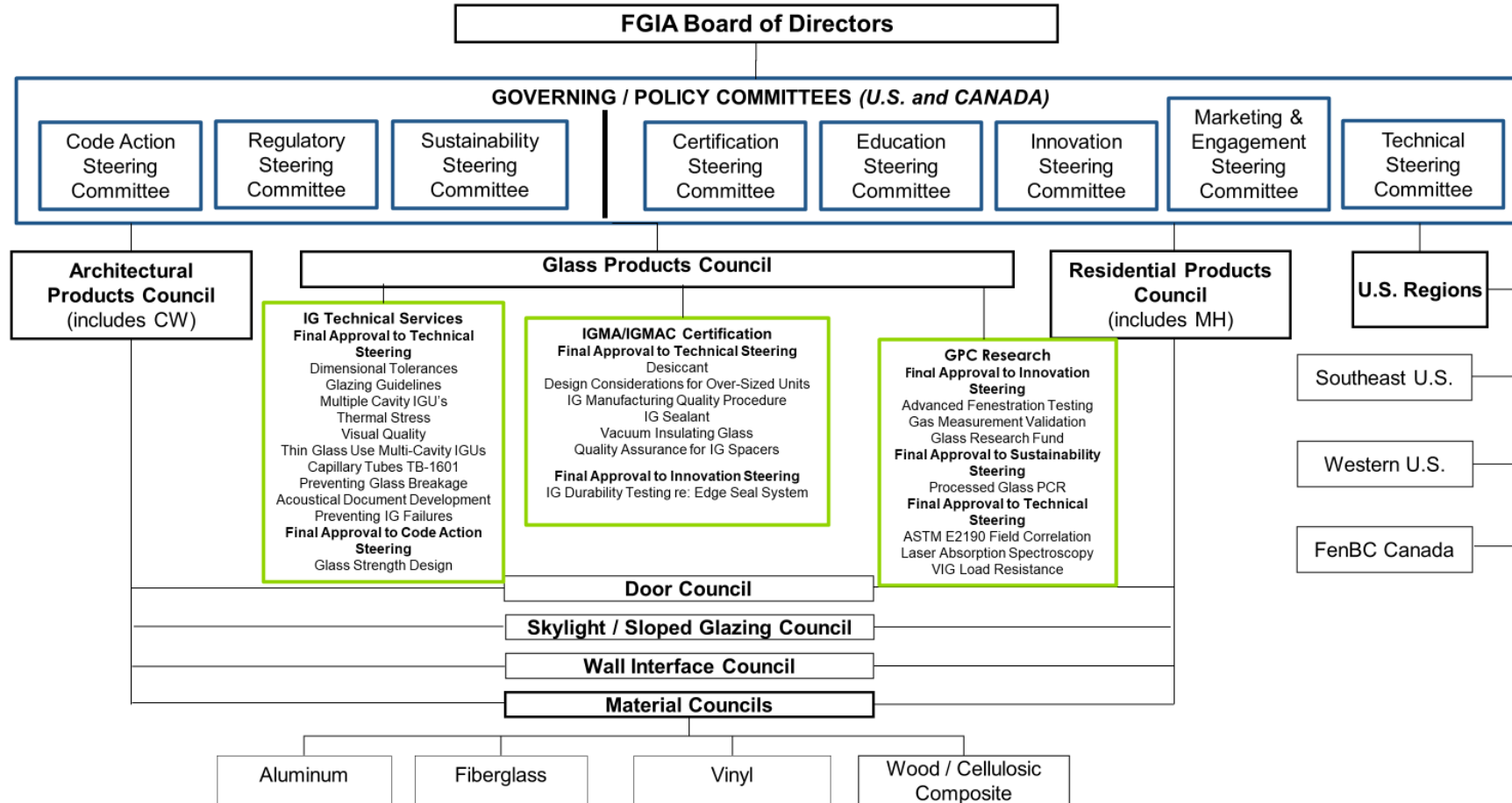


**FGIA<sup>®</sup>**

Fenestration & Glazing  
Industry Alliance

# FGIA - Structure

## FGIA Organizational Chart



# GPC Groups



## FGIA Glass Products Council (formerly IGMA)

### IGMA/IGMAC Certification

- Final Approval to Technical Steering**
  - Desiccant
  - Design Considerations for Over-Sized Units
  - IG Manufacturing Quality Procedure
  - IG Sealant
  - Vacuum Insulating Glass
  - IG Spacers – QA
- Final Approval to Innovation Steering**
  - IG Durability Testing re: Edge Seal System

### IG Technical Services

- Final Approval to Technical Steering**
  - Dimensional Tolerances
  - Glazing Guidelines
  - Multiple Cavity IGU's
  - Thermal Stress
  - Visual Quality
  - Thin Glass – Multi-Cavity IGUs
  - Preventing Glass Breakage
  - Acoustical Documents
  - Preventing IG Failures
- Final Approval to Code Action Steering**
  - Glass Strength Design

### GPC Research

- Final Approval to Innovation Steering**
  - Advanced Fenestration Testing
  - Gas Measurement Validation
  - Glass Research Fund
- Reports to Sustainability Steering**
  - Processed Glass PCR
- Final Approval to Technical Steering**
  - ASTM E2190 Field Correlation
  - Vacuum Insulating Glass Loads Resistance
  - Laser Absorption Spectroscopy

# GlassBuild America 2024



**Monday, September 30 at 4:15 pm**

## **Residential Fenestration Trends**

Performance Innovations - Amy Becker

- Regulations driving sustainability and energy performance (decarbonization, ENERGY STAR)
- Advanced manufacturing practices (automation, R&D investment, improved technology)
- Product innovations for efficiency (glazing packages, framing materials)

Security Screens - Jason Seals

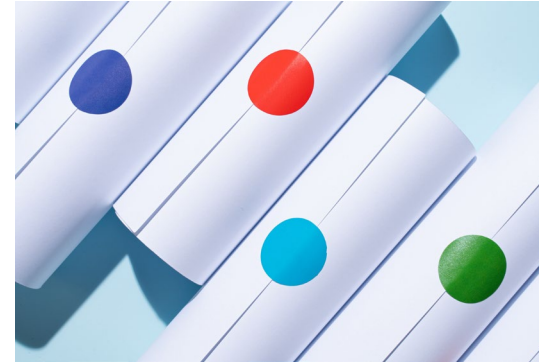
- History of security screen market in Australia
- Development of a North America specification
- Brief explanations of the security screen testing
- Development of certification program for security screen products

**Tuesday, October 1 at 2:00 pm**

## **Leveraging Your Network for Efficient Professional Development**

- Professional development is vital to a company's success. The importance of onboarding and advancement opportunities for employee retention and satisfaction can't be stressed enough, but how can you efficiently provide these essential tools to your team without sacrificing quality? By utilizing options from within your industry network.
  - The impact of offering education opportunities for employees
  - Resources available within your professional network, including connections with suppliers, industry organizations and beyond
  - Pros and cons of online versus in-person education options
  - Case studies showcasing how to make the most of professional development

# Document Updates



## Document Updates

- IGMA/NGA TB-1601
  - Guidelines for Use of Capillary Tubes
- AAMA 902
  - Voluntary Specification for Sash Balances
- AAMA 503
  - Voluntary Specification for Field Testing of Newly Installed Storefronts, Curtain Walls and Sloped Glazing Systems

- AAMA 501
  - Methods of Test for Exterior Walls
- AAMA/WDMA TB-24-01
  - Understanding Window Opening Control Devices (WOCDs)
- AAMA 305
  - Voluntary Specification for Fiber Reinforced Thermoset Profiles



# Education Programs Overview - AIA Approved



- AIA Approved ([AIAEducation@fgiaonline.org](mailto:AIAEducation@fgiaonline.org))
  - **Fundamentals of Fenestration**
    - This introductory educational program provides basic terminology and standards for windows, doors and skylights, covering both residential and light commercial products, as well as commercial and architectural applications. The online course is designed for use by several audiences, as well as qualifying for two hours of continuing education credits. Your online purchase provides three-month unlimited access to the course.
  - **FenestrationMasters® 14.5 LUs/HSWs & FenestrationAssociate® 12 LUs/HSWs**
    - a nationwide program for professionals in the glass, window, door, skylight, curtain wall and storefront manufacturers, suppliers and test lab industries. The program provides training content based on consensus-based AAMA standards. To gain the professional certification, the curriculum and certification exam must be completed. The required coursework covers a wide range of subject matters including performance standards, product and material types and code requirements.

# 2024 IG FABRICATOR WORKSHOP (IN PERSON)

- Hands on, participatory event
- Addresses most important aspects of fabricating and testing IG units
- Next in-person session scheduled for November 05-07, 2024, Plano, TX
- Contact [education@fgiaonline.org](mailto:education@fgiaonline.org) to learn more



Since its launch in 2016, the IG Fabricator Workshop has hosted more than 300 practitioners of the IG industry, leading them through the most important aspects of fabricating and testing IG units. The workshop, led by industry experts, features a balanced mix of classroom education along with hands-on experiences to discover best practices for cleaning, cutting and handling glass, desiccants, sealants, gas fill, frost point and much more. Participants have continued to provide positive reviews of the workshops.

## Comments from Actual Registrants

“The group of experts you had were awesome. They were very attentive, welcoming and helpful.”

“The hands-on portion is awesome. Being able to take what was learned in a presentation and then apply it in real life was really effective.”

“Hosting the event at a testing facility is great... while participants may see the IGU processes discussed at each of the stations every day, they don't always get to see the testing methods and apparatus conducted from a third party.”



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## Typical Modules for the Workshop

- Station 1: Glass Cutting & Washing
- Station 2: Spacer and IG Fabrication
- Station 3: Sealants/Hot Melt Sealant/Sealant Adhesion & Butterfly Test
- Station 4: Volatile Fog
- Station 5: Gas Filling and Measurement
- Station 6: Desiccants and Desiccant Matrix
- Station 7: Forensic Investigation of IGU Failures
- Station 8: Frost Point

# 2024 FGIA Fall Conference

## Hyatt Regency Minneapolis, Minneapolis, MN September 16 - 19, 2024



- On Monday, September 16, there are opportunities for education, networking and volunteering. Join industry representatives for the **Color DesignHouse Educational Tour**, hosted by Sherwin-Williams.
- The FGIA "**Rich and Diane Walker Cup**" Golf Tournament will be held at the beautiful Como Golf Course.
- Guests and spouses will be busy rolling up their sleeves during the **World Vision Backpack Assembly** to fill backpacks with school supplies for local children in need.
- On Tuesday, September 17, the **FGIA Product Showcase** will offer participants the chance to learn about the latest product trends. This hands-on, once-a-year event offers a prime opportunity for supplier members to showcase products and services and is exclusively for FGIA Category 1, Category 2 and GPC-only Supplier Members.
- Lastly, attend the Oktoberfest-themed outing at the local Surly Brewery on Wednesday night! Join us to celebrate **Oktoberfest** with beer, food and live music!

*We look forward to welcoming you to another content-rich event where you can connect with an indispensable community of industry peers.*

# 2024 FGIA Fall Conference

## Hyatt Regency Minneapolis, Minneapolis, MN

Early Bird Pricing Until August 23, 2024



- **Speakers/Presentations/Topics will include:**
- Construction Mockups and Testing: Overview, Trends and Best Practices, presented by Christopher Grey (SGH)
- What Do We Need to Know When It Comes to New Commercial Energy Codes in Minnesota?, presented by Don Sivigny (Minnesota Department of Labor and Industry)
- EPDs: Where Do We Go from Here?, presented by Richard Braunstein (Oldcastle BuildingEnvelope)
- A color forecast and trends, presented by Kiki Redhead (Sherwin-Williams)
- How Will New Laws Help Reduce the Use and Presence of PFAS "Forever Chemicals" in Minnesota?, presented by Dana Vanderbosch and Kirk Koudelka (Minnesota Pollution Control Agency)
- Corrosion Research, presented by Vicky Gallen (Sherwin-Williams)
- NAFS Committee | Decoupling Air-Water-Structural Performance Work Group (NAFS)

# New FGIA Summer Conference Format

**Beginning Summer 2025 - June 16 - 18, 2025**

- Fully Virtual
  - New Structure
  - Focus on delivering high-value information through
    - Speakers
    - Industry Reports
    - Presentations
    - No working meetings
    - Residential and Commercial Tracks



THANK YOU !!

A business card for Amy Becker, Glass Products Specialist at FGIA. The card has a red header with a white wavy bottom edge. The FGIA logo is in the top right corner. The name "Amy Becker" is in bold, followed by "Glass Products Specialist" and "Fenestration & Glazing Industry Alliance" in italics. Contact information includes an email icon and "abecker@fgiaonline.org", and a phone icon and "+1 717 309 4124".

**Amy Becker**  
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