

# THE GUIDE

AN OVERVIEW OF IIBEC SERVICES  
2024-2025



INTERNATIONAL INSTITUTE OF  
BUILDING ENCLOSURE CONSULTANTS

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# ABOUT IIBEC



The International Institute of Building Enclosure Consultants (IIBEC, pronounced *eye-bee*) is an international association of design professionals who specialize in building enclosure consulting. From sprayed polyurethane foam to cedar shakes, from parking garages to air barriers, IIBEC has a member expert for every type of roof, exterior wall, or waterproofing issue in the world today. Founded in 1983 as the Roof Consultants Institute, it later became RCI Inc., and then in 2019, rebranded as the International Institute of Building Enclosure Consultants as its purpose evolved and its membership expanded their services.

Since 1983, IIBEC's Consultant members have offered unbiased design, repair planning, quality assurance observance, legal testimony, and other building enclosure management services. IIBEC's Consultant members adhere to a strict code of ethics that offers unprejudiced service without affiliation with any product or manufacturer. Current membership is over 3,700. IIBEC boasts an international membership residing across the United States, Canada, Mexico, South America, the Middle East, Europe, and Asia.

The association presents educational programs designed to explain the practical application of roofing, exterior wall, and waterproofing technologies, as well as building enclosure commissioning. A technical journal and ongoing chapter and branch events provide interactive forums for information exchange and networking.

IIBEC credentials represent the pinnacle of building enclosure consulting. The Registered Roof Consultant (RRC®), Registered Waterproofing Consultant (RWC®), Registered Exterior Wall Consultant (REWC®), Registered Roof Observer (RRO®), Registered Exterior Wall Observer (REWO®), and Certified Building Enclosure Commissioning Provider (CBECxP®) programs distinguish professionals with proven standards of education, experience, and ethics. Individuals with all three consultant designations (RRC®, RWC®, and REWC®) may apply to be a Registered Building Enclosure Consultant (RBEC®).

The RCI-IIBEC Foundation (US) and the RCI Foundation Canada are tax-exempt entities, organizationally independent of the association, that support research and educational efforts of the industry.

The mission of IIBEC is advanced through the efforts of a professional staff headquartered in Raleigh, North Carolina; a volunteer board of directors; numerous committees; and its individual members across the globe.

We invite you to use this guide to discover more about IIBEC and its members. Whether you are a current IIBEC member, a nonmember professional, or a building owner or manager seeking a qualified referral, these pages should answer many of your questions. For further information, visit our website at [iibec.org](http://iibec.org) or contact IIBEC headquarters at 919-859-0742 or 800-828-1902.

THE MISSION OF IIBEC  
IS TO ADVANCE THE  
PROFESSION OF BUILDING  
ENCLOSURE (ROOFING,  
WATERPROOFING,  
AND EXTERIOR WALL)  
CONSULTING.

For more information  
and up-to-date news,  
please visit:

[iibec.org](http://iibec.org)

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The IIBEC logo, the name *IIBEC Interface*, and the titles "Registered Roof Consultant," "Registered Waterproofing Consultant," "Registered Exterior Wall Consultant," "Registered Roof Observer," "Registered Exterior Wall Observer," "Registered Building Enclosure Consultant," and "Certified Building Enclosure Commissioning Provider" (abbreviated RRC®, RWC®, REWC®, RRO®, REWO®, RBEC®, and CBECxP®, respectively) are the property of IIBEC and may not be used without permission.

# STRATEGIC PLAN

## STRATEGIC PLAN

2024 - 2026



### CORE PURPOSE

*To advance the profession of building enclosure consulting*

### VISION

*IIBEC is universally recognized as the leading authority in building enclosure consulting*

### CORE VALUES

- Ethical, independent, objective, and unbiased practice
- Pursuit and exchange of knowledge
- Commitment to the profession and industry
- Sustainability of building enclosures



### VALUE OF IIBEC

*Be the premier technical, educational, and networking resource of the building enclosure profession.*

### OBJECTIVES:

- Increase brand awareness within the building enclosure profession and industry and the value of working with IIBEC members.
- Increase the value proposition of IIBEC for all members.
- Increase support for each of IIBEC's core competencies: roofing, exterior walls, waterproofing, and building enclosure commissioning.
- Increase understanding and knowledge of the building enclosure profession and industry.
- Increase emphasis of the IIBEC Code of Ethics.
- Improve chapter effectiveness and promotion of IIBEC and local activities.



*Advocate for consultant members at all levels of government.*

## ADVOCACY

### OBJECTIVES:

- Increase involvement in the development of codes and standards to promote requirements needed to ensure the safety, resilience and sustainability of building enclosure systems.
- Increase advocacy efforts to influence procurement issues to protect the integrity and transparency of taxpayer funded projects.
  - Increase engagement with outside organizations to promote legislative efforts.
  - Increase efforts to promote IIBEC member credentials and services to government entities.
  - Increase resources, tools, and training to chapters to engage in local, state and provincial advocacy efforts.



## CREDENTIALS

*Lead the industry in building enclosure consulting credentials.*

### OBJECTIVES:

- Grow the return on investment for IIBEC credentials holders.
- Increase industry use of IIBEC credentialed individuals by owners.
- Increase the number of individuals who hold IIBEC credentials.
- Obtain accreditation through ANSI National Accreditation Board (ANAB) for IIBEC credentials.



*Empower members to achieve and sustain business and professional success.*

## KNOWLEDGE TRANSFER

### OBJECTIVES:

- Increase educational offerings in the following areas: sustainability, resiliency, technology, codes and standards, business and professional development, and hands-on applications.
- Ensure the diversity of the Core Competencies throughout the educational programing.
- Expand the database of technical resources to enhance member value.
- Develop ethics training for IIBEC members and credential holders.
- Expand and update IIBEC education tools and resources to promote effective chapter leadership.



[iibec.org/strategic-plan](https://iibec.org/strategic-plan)

# EXECUTIVE COMMITTEE

## PRESIDENT

**Robért J. Hinojosa, F-IIBEC, RBEC, RRO,  
PE, CDT**



Hinojosa is the founder and chief executive officer of the firm RJH & Associates Inc., with six offices in the US and Canada, and is licensed in 40 states. He is a past Region II director, has sat on numerous committees, developed and taught many continuing education courses, has published articles in *IIBEC Interface*, is a past president of IIBEC, and is a fellow of IIBEC.

### **RJH & ASSOCIATES INC.**

12590 Emerald Coast Pkwy., Unit B • Miramar Beach, FL 32550  
P: 850-608-6221  
robert@rjhassoc.com

## 1ST VICE PRESIDENT

**Chris Dawkins, PE**



Dawkins is a principal consulting professional engineer and building enclosure consultant at Beech Consulting Inc./Engineered Solutions International LLC in Duluth, Georgia. He was a Georgia Chapter executive board member (secretary, treasurer, vice president, president, and past president) from 2014 until 2018, and then IIBEC's Region II director from 2019 to 2021.

### **BEECH CONSULTING INC.**

539 Greenpark Drive, • Suwanee, GA 30024-8773  
P: 770-476-2362  
chris.dawkins@beechconsulting.com

## 2ND VICE PRESIDENT

**Jennifer Hogan, REWC, RRO, CET, LEED AP, Certified Passive House Consultant**



Hogan is the recipient of the IIBEC Emerging Professionals Award of Excellence and OBEC's Rising Star Award. She is passionate about building sciences, energy performance, and of course, baseball. She has been a building science consultant for over 17 years and uses her experience and knowledge to help clients achieve their energy and carbon goals as the leader of the Energy and Carbon Reduction team at Pretium.

### PRETIUM ENGINEERING INC.

B12 – 3375 North Service Road • Burlington, ON L7N 3G2 Canada  
P: 905-333-6550  
jennifer.hogan@pretiumeng.com

## SECRETARY/TREASURER

**Burt Carver, RRC, RRO**



Carver is the owner of Apex Building Sciences Inc., founded in 2008. He has been involved with the RRO Exam Subcommittee, the RRC Exam Subcommittee, the Chapter Development Committee, and the Advocacy Committee. He is the past president of the IIBEC Western Canada Chapter, and in 2018 he received the IIBEC Outstanding Volunteer Award. Also, in 2024 he was the recipient of the IIBEC President's Award.

### APEX BUILDING SCIENCES INC.

301-D 30721 Simpson Rd. • Abbotsford, BC V2T 6Y7 Canada  
P: 604-575-8220  
burt@apexbe.com

## IMMEDIATE PAST PRESIDENT

**Amy Peevey, REWC, RRO, PE, CDT**



Peevey is the immediate past president of IIBEC.

She is the managing director at Secretariat Advisors LLC, where she assists construction industry professionals with successful implementation of building enclosure projects. She holds a bachelor's degree in architectural engineering from the University of Texas at Austin.

### SECRETARIAT ADVISORS, LLC

609 Main Street, Floor 25 • Houston, TX 77002  
P: 713-825-0264  
apeevey@secretariat-intl.com

## EXECUTIVE VICE PRESIDENT AND CEO

**Brian T. Pallasch, CAE**



Pallasch joined the IIBEC staff team as executive vice president and chief executive officer in June 2019 after 20 years with the American Society of Civil Engineers (ASCE), most recently as managing director of government relations and infrastructure initiatives.

### IIBEC

434 Fayetteville St., Suite 2400 • Raleigh, NC 27601  
P: 919-859-0742  
bpallasch@iibec.org

# REGION DIRECTORS

## REGION I

**Julie Palmer**



**2023-2025**

Palmer is a senior associate of Wiss, Janney, Elstner Associates Inc., a global firm of engineers, architects, and materials scientists committed to helping clients solve, repair, and avoid problems in the built world. She has 20 years of experience working on building enclosure restoration and rehabilitation projects, with a specific focus on roofing. Palmer has been active with the IIBEC Delaware Valley Chapter for many years and served on the chapter board for five years.

**WISS, JANNEY, ELSTNER, ASSOCIATES INC.**

601 Walnut St., Suite 875W • Philadelphia, PA 19106  
P: 215-567-0703  
jmpalmer@wje.com

## REGION II

**Nicholas Tribble, RRO**



**2023-2025**

Tribble is a client relationship manager at SKA Consulting Engineers Inc. He joined IIBEC in 2017 and is a Registered Roof Observer (RRO). He has served on the board of the IIBEC Carolinas Chapter since 2018 and is the immediate past president.

**SKA CONSULTING ENGINEERS INC.**

7900 Triad Center Drive, Suite 200 • Greensboro, NC 27409  
P: 336-339-3740  
nbtribble@skaeng.com

## REGION III

**Charles T. Sietmann, RRC, RRO, REWO, CCCA, CIT**



**2023-2025**

Sietmann is principal – Building Enclosures with Building Technology Consultants Inc. He has over 18 years' experience assisting in the evaluation, analysis, repair, and rehabilitation of existing building facades, windows, roofing, and waterproofing systems. He is a past president of the IIBEC Chicago Area Chapter, and previously served on the IIBEC Document Competition Subcommittee and the IIBEC Building Enclosure Symposia Committee.

**BUILDING TECHNOLOGY CONSULTANTS INC.**

1845 East Rand Rd., Suite L100 • Arlington Heights, IL 60004  
P: 847-454-8800  
csietmann@btc.expert

## REGION IV

**Jon Cannon, RRC, REWC, RRO, REWO, CDT**



**2024-2026**

Cannon is a principal at Hollon+Cannon Group LLC, which he cofounded. He is a founding member of the IIBEC Central Texas Chapter, having served twice as chapter president. He has served three terms as chair of the IIBEC Chapter Development Committee and continues to be involved with the development and success of IIBEC affiliated chapters.

**HOLLON+CANNON GROUP LLC**

11800 Highland Oaks Trl • Austin, TX 78759-2407  
P: 512-809-7650  
jcannon@hollon-cannon.com



## REGION V

**Julie McDonald, REWC, RRC**



**2024-2026**

McDonald is the director of design for Mantis Innovations, headquartered in Greenwood Village, Colorado. She has been in the roof and building enclosure consulting industry for 15 years and commercial construction for 18 years. She has served on the executive committees of the IIBEC Mid-Atlantic Chapter and the IIBEC Colorado Chapter, and has been an active member of the IIBEC Emerging Professionals Committee. In 2019 she received the IIBEC Emerging Professionals Award of Excellence for her leadership within IIBEC.

### MANTIS INNOVATIONS

1466 Nemrick Place • Castle Rock, CO 80109.  
P: 413-896-7123  
juliemcdonald324@gmail.com

## REGION VI

**Jon Solland, RRC, RRO**



**2024-2026**

Solland is a project engineer at RJC Engineers. He focuses on supporting large clients with prime consulting, effective envelope and structural design, and proactive asset management. He is an active leader in the industry, IIBEC Canadian Prairies Chapter, and ABEC.

### RJC ENGINEERS

1816 Crowchild Trail NW, Suite 200 • Calgary AB T2M 3Y7  
P: 403-338-5854  
jon.solland@rjc.ca

## REGION VII

**Stephanie M. Robinson, BAsC, PEng**



**2023-2025**

Robinson is the director of Eastern Canada Building Sciences for WSP Canada Inc. Based in Ottawa, Ontario, she has over 16 years' experience in Canada and the United States. She is a founding member and past president of the IIBEC Quebec Ontario Chapter and past National Capital Branch liaison for the IIBEC Southern Ontario Chapter. She has sat on various committees and task forces since 2018, including the Manual of Practice Task Force and BES Committee.

### WSP

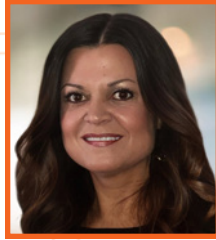
2611 Queensview Dr., Suite 300 • Ottawa, ON K2B 8K2 Canada  
P: 613-829-2800  
stephanie.robinson@wsp.com



# IIBEC STAFF



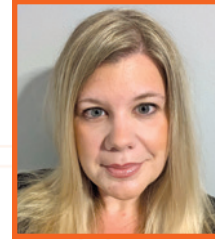
**Brian Pallasch**  
EXECUTIVE VICE PRESIDENT  
AND CEO



**Melany Rizzo**  
CHIEF OPERATING  
OFFICER



**Carolyn Baber**  
SENIOR EXECUTIVE  
ASSISTANT/OPERATIONS  
MANAGER



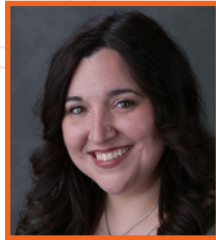
**Mandy Bell**  
MANAGER OF EDUCATION



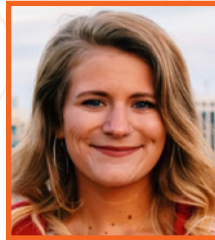
**John Boling**  
DIRECTOR OF  
GOVERNMENT RELATIONS



**Arissa Cooper**  
MANAGER OF  
MARKETING & SALES



**Tara Cottle**  
DIRECTOR OF REGIONAL  
& CHAPTER RELATIONS



**Caroline Cummings**  
MEETING & EVENTS  
SPECIALIST



**Mendi Cunningham**  
DIRECTOR OF EVENTS  
& MEETINGS



**Rick Gardner**  
FOUNDATIONS  
DEVELOPMENT OFFICER



**Christian Hamaker**  
DIRECTOR OF PUBLICATIONS  
& COMMUNICATIONS



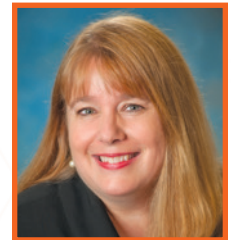
**Samir Ibrahim**  
EDUCATION ADVISOR



**Alec Jeffries**  
SR. DIRECTOR OF  
MEMBERSHIP & CREDENTIALS



**Kristen Kennedy**  
DIRECTOR OF EDUCATION



**Laura Kury**  
OPERATIONS SPECIALIST



**Amanda Littlejohn**  
MEMBERSHIP DEVELOPMENT  
SPECIALIST



**Emily Lorenz**  
SR. DIRECTOR OF  
TECHNICAL SERVICES



**Karen McElroy**  
MEETINGS & EVENTS  
ADVISOR



**Simone Patterson**  
MEMBERSHIP &  
CREDENTIALS SPECIALIST

# COMMITTEES

## ADVOCACY

Advises IIBEC on direction, priorities, and initiatives dealing with advocacy issues regarding the association and its members. **Chair:** Melissa L. Barrows-Lieb, RRC, RRO, CCCA. Email: [mlieb@macbrady.com](mailto:mlieb@macbrady.com). **Staff liaison:** John Boling. Email: [jboling@iibec.org](mailto:jboling@iibec.org).

## ANNUAL CONVENTION

Oversees selection of technical speakers and other functions of the annual IIBEC International Convention & Trade Show. **Chair:** Jennifer Hogan, REWC, RRO, CET, LEED AP Certified Passive House Consultant. Email: [jennifer.hogan@pretimeng.com](mailto:jennifer.hogan@pretimeng.com). **Vice Chair:** Burt Carver, RRC, RRO. Email: [burt@apexbe.com](mailto:burt@apexbe.com). **Staff liaisons:** Mendy Cunningham and Kristen Kennedy. Emails: [mcunningham@iibec.org](mailto:mcunningham@iibec.org) and [kkennedy@iibec.org](mailto:kkennedy@iibec.org).

## AWARDS

The mission of the Awards Committee is to oversee the IIBEC awards selection process, submitting final approval or disapproval based on established criteria for each award. **Chair:** Christopher Giffin. Email: [cgiffin@wje.com](mailto:cgiffin@wje.com). **Staff liaison:** Carolyn Baber. Email: [cbaber@iibec.org](mailto:cbaber@iibec.org).

## HOROWITZ AWARD

Judges the annual Richard M. Horowitz Award. **Chair:** John Wylie, RBEC, RWC, REWC, RRC, RRO, PE. Email: [johnwylie@constructionscience.org](mailto:johnwylie@constructionscience.org).

## BUILDING ENCLOSURE SYMPOSIUM

Coordinates the development and delivery of IIBEC's Building Enclosure Symposium. **Chair:** Jay Rodriguez. Email: [jay@marketmakersinc.com](mailto:jay@marketmakersinc.com). **Staff liaisons:** Mendy Cunningham and Kristen Kennedy. Emails: [mcunningham@iibec.org](mailto:mcunningham@iibec.org) and [kkennedy@iibec.org](mailto:kkennedy@iibec.org).

## BYLAWS

Makes bylaws recommendations to the IIBEC Board of Directors. **Chair:** Marc Caputo, RRC, LEED AP. Email: [marcrrc@aol.com](mailto:marcrrc@aol.com). **Staff liaisons:** Brian Pallasch and Melany Rizzo. Emails: [bpallasch@iibec.org](mailto:bpallasch@iibec.org) and [mrizzo@iibec.org](mailto:mrizzo@iibec.org).

Committees continued on next page



# COMMITTEES CONTINUED

## CHAPTER DEVELOPMENT

Creates and maintains leadership resources to aid in the success of IIBEC affiliated chapters. **Chair:** Steve Drennan. Email: [steve.drennan@premierbec.com](mailto:steve.drennan@premierbec.com). **Staff liaison:** Tara Cottle. Email: [tcottle@iibec.org](mailto:tcottle@iibec.org).

## CODES AND STANDARDS

Provides input to IIBEC's strategy on participation in various code- and standards-development activities. **Chair:** Dave Hawn, F-IIBEC, RRC, CEM. Email: [drhawn@drhroofsolutions.com](mailto:drhawn@drhroofsolutions.com). **Staff liaison:** Emily Lorenz, PE. Email: [elorenz@iibec.org](mailto:elorenz@iibec.org).

## CREDENTIALS

Recommends policy on matters related to the credential program. **Chair:** David W. Honeycutt, RBEC, RRC, RWC, REWC, RRO. Email: [dhoneycutt@reiengineers.com](mailto:dhoneycutt@reiengineers.com). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## REWC® EXAM DEVELOPMENT

Monitors, updates, and expands the Registered Exterior Wall Consultant program and examination. **Chair:** Stephen E. Hentz, RBEC, RRC, RWC, REWC, REWO, PE, CDT. Email: [shentz@reiengineers.com](mailto:shentz@reiengineers.com). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## REWO® EXAM DEVELOPMENT

Monitors, updates, and expands the Registered Exterior Wall Observer program and exam. **Chair:** Stephen E. Hentz, RBEC, RRC, RWC, REWC, REWO, PE, CDT. Email: [shentz@reiengineers.com](mailto:shentz@reiengineers.com). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## RRC® EXAM DEVELOPMENT

Monitors, updates, and expands the Registered Roof Consultant program and examination. **Chair:** Marc Caputo, RRC, LEED AP. Email: [marccrc@aol.com](mailto:marccrc@aol.com). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## RRO® EXAM DEVELOPMENT

Monitors, updates, and expands the Registered Roof Observer program and examination. **Chair:** Codee Goff, RRC, RRO, REWO. Email: [codeeg@thebeegroup.org](mailto:codeeg@thebeegroup.org). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## RWC® EXAM DEVELOPMENT

Monitors, updates, and expands the Registered Waterproofing Consultant program and exam. **Chair:** Aaron Nelson, RBEC, RRC, RWC, REWC, RRO. Email: [aaronnelson@roofingtechnical.com](mailto:aaronnelson@roofingtechnical.com). **Staff liaison:** Alec Jeffries. Email: [ajeffries@iibec.org](mailto:ajeffries@iibec.org).

## DIVERSITY AND INCLUSION

Champions diversity and inclusion issues in the building enclosure industry. **Co-Chair:** André Coppin, RRC, RRO. Email: [acoppin@cornerstonearch.com](mailto:acoppin@cornerstonearch.com). **Co-Chair:** Szymon Zienkiewicz, RRC, RRO, PE. Email: [szymon@enclosureconsulting.com](mailto:szymon@enclosureconsulting.com). **Staff liaisons:** Brian Pallasch and Carolyn Baber. Emails: [bpallasch@iibec.org](mailto:bpallasch@iibec.org) and [cbaber@iibec.org](mailto:cbaber@iibec.org).

## EDUCATION

Determines the need for and provides educational services to IIBEC members and the industry at large. **Chair:** Aaron B. Nelson, RBEC, RRC, RWC, REWC, RRO. Email: [aaron@roofingtechnical.com](mailto:aaron@roofingtechnical.com). **Staff liaison:** Kristen Kennedy. Email: [kkennedy@iibec.org](mailto:kkennedy@iibec.org).

## EMERGING PROFESSIONALS

Oversees the development of programs and services for emerging professional members (generally aged 40 and under). **Chair:** Anthony Dukes, RRC, RRO, PE. Email: [adukes@wje.com](mailto:adukes@wje.com). **Staff liaison:** Tara Cottle. Email: [tcottle@iibec.org](mailto:tcottle@iibec.org).

## ETHICS

Maintains the professional Code of Ethics. **Chair:** Matthew Durrett, RRO. Email: [mdurrett@leak-detection.com](mailto:mdurrett@leak-detection.com). **Staff liaisons:** Brian Pallasch and Melany Rizzo. Emails: [bpallasch@iibec.org](mailto:bpallasch@iibec.org) and [mrizzo@iibec.org](mailto:mrizzo@iibec.org).

## EXCELLENCE IN BUILDING ENCLOSURE CONSULTING AWARD

Manages and judges the annual Excellence in Building Enclosure Consulting Award. **Chair:** Jeremy Bridwell, RRC, REWC, PE. Email: [jbridwell@wje.com](mailto:jbridwell@wje.com). **Staff liaison:** Emily Lorenz, PE. Email: [elorenz@iibec.org](mailto:elorenz@iibec.org).

## IIBEC INTERFACE EDITORIAL BOARD

Supervises publication of *IIBEC Interface*. Critiques and solicits articles and recommends editorial policy. **Chair:** John Wylie, RBEC, RRC, RWC, REWC, RRO, PE. Email: johnwylie@constructionscience.org. **Staff liaison:** Christian Hamaker. Email: chamaker@iibec.org.

## NOMINATING


Recommends policy on matters related to IIBEC's elections. Makes nominations and oversees and conducts elections. **Chair:** Michael E. Clark, F-IIBEC, RBEC, RRC, RWC, REWC, RRO, PE, CSRP. Email: mecanda@mgacoxmail.com. **Staff liaison:** Brian Pallasch and Carolyn Baber. Emails: bpallasch@iibec.org and cbaber@iibec.org.

## INDUSTRY LIAISON

Provides Industry, Facility Management, and Associate members a forum to enhance the body of knowledge and provide input to IIBEC regarding trends, issues, and concerns in the industry. **Chair:** Janial Mack, RRO. Email: janiel.mack@carlisleccm.com. **Staff liaison:** Brian Pallasch. Email: bpallasch@iibec.org.

## TECHNICAL ADVISORY

Responds to industry issues, policy, and standards as they develop. Produces technical advisories. **Chair:** Kenrick J. Hartman, RBEC, PE, LEED AP BD+C. Email: khartman@wje.com. **Staff liaison:** Emily Lorenz, PE. Email: elorenz@iibec.org.




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# Committees

IIBEC committees recommend policy to the board of directors.

These member-powered groups offer opportunities for individuals to actively shape the direction of the association and its involvement within the building enclosure industry. Get involved. Discover a place with one of IIBEC's many committees below.



For more information about  
IIBEC committees, visit  
[iibec.org/membership/committees](https://iibec.org/membership/committees)

# IIBEC REGIONS & CHAPTERS



## REGION VII

- Southern Ontario Chapter
- Maritime Branch
- Quebec Ontario Chapter

## REGION I

- Delaware Valley Chapter
- Metro New York Chapter
- Mid-Atlantic Chapter
- New England Chapter
- Ohio Valley Chapter

## REGION VI

- Canadian Prairies Chapter
- Western Canada Chapter

## REGION V

- Arizona Chapter
- Colorado Chapter
- Portland Chapter
- Puget Sound Chapter
- Southern California Chapter
- Northern California Chapter

## REGION IV

- Central Texas Chapter
- Gulf Coast Chapter
- Mexico City Branch
- Louisiana Branch
- North Texas Chapter

## REGION III

- Chicago Area Chapter
- Central States Branch
- Great Lakes Chapter
- West Michigan Branch
- Wisconsin Chapter

## REGION II

- Carolinas Chapter
- Florida Chapter
- Georgia Chapter
- Mid-South Chapter
- Virginia Chapter

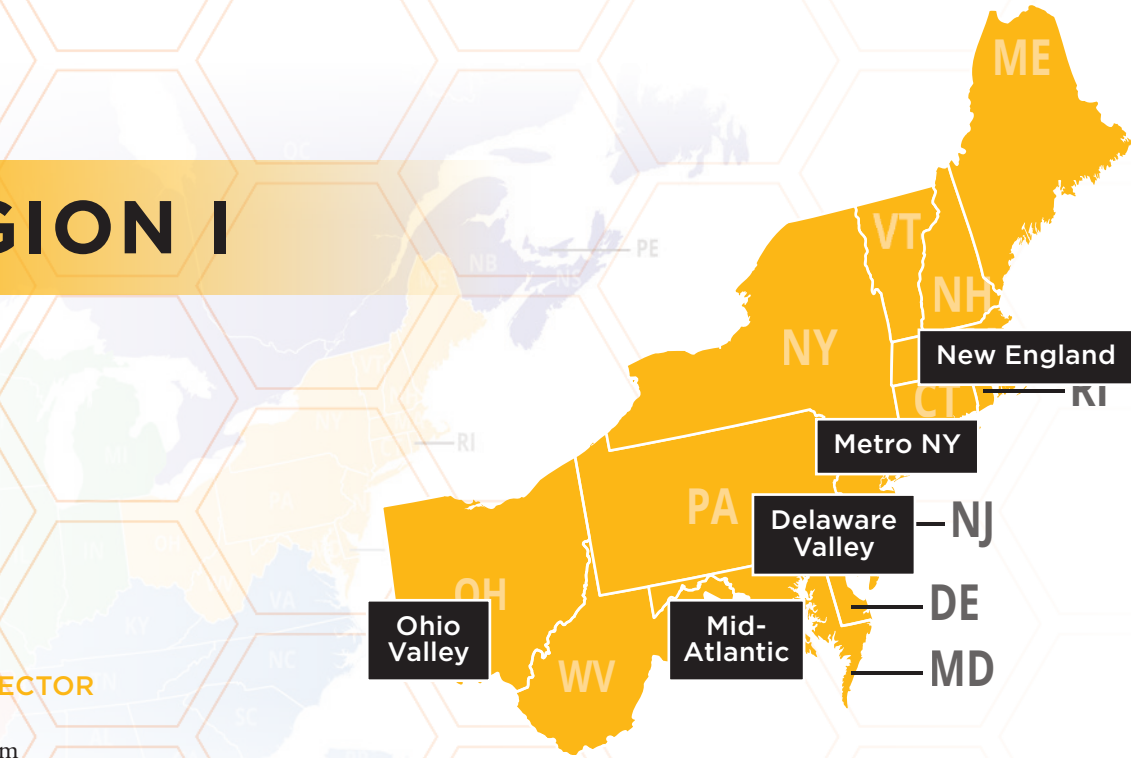
Learn More about IIBEC Regions and Chapters



# IIBEC-AFFILIATED CHAPTERS



## REGION I



### REGION I DIRECTOR

Julie Palmer  
jmpalmer@wje.com

### DELAWARE VALLEY CHAPTER

Pres.: Eric Benning  
V-P: Sam Zartman  
Treas: Kathryn Stairs  
Sect.: Michael Popeck  
Contact Info:  
Eric Benning  
P: (484) 253-0321  
eric@acrymax.com  
delawarevalley.iibec.org

### METRO NY CHAPTER

Pres.: Tai Mahmuti  
V-P: Hugo Ramirez  
Treas.: Ricardo Augustin  
Sect.: Kelley Greenfield  
Contact Info:  
Taulant Mahmuti  
P: (347) 712-1320  
taimahmuti@gmail.com  
metronewyork.iibec.org

### MID-ATLANTIC CHAPTER

Pres.: Sherre Barlett  
V-P: Justin Long, RBEC, RWC, REWC, RRC  
Treas.: Anthony Dukes, RRC, RRO, PE  
Sect.: Bonnie Hoppa  
Contact Info:  
Sherre Bartlett  
P: (443) 279-4500  
slb@gainc.com  
mid-atlantic.iibec.org

### NEW ENGLAND CHAPTER

Pres.: Kimberly Kilroy  
V-P: John Karman  
Treas.: Bill Waterston, RRC  
Sect.: Benjamin Immonen, PE  
Contact Info:  
Kimberly Kilroy  
P: (857) 204-2448  
kak@gainc.com  
newengland.iibec.org

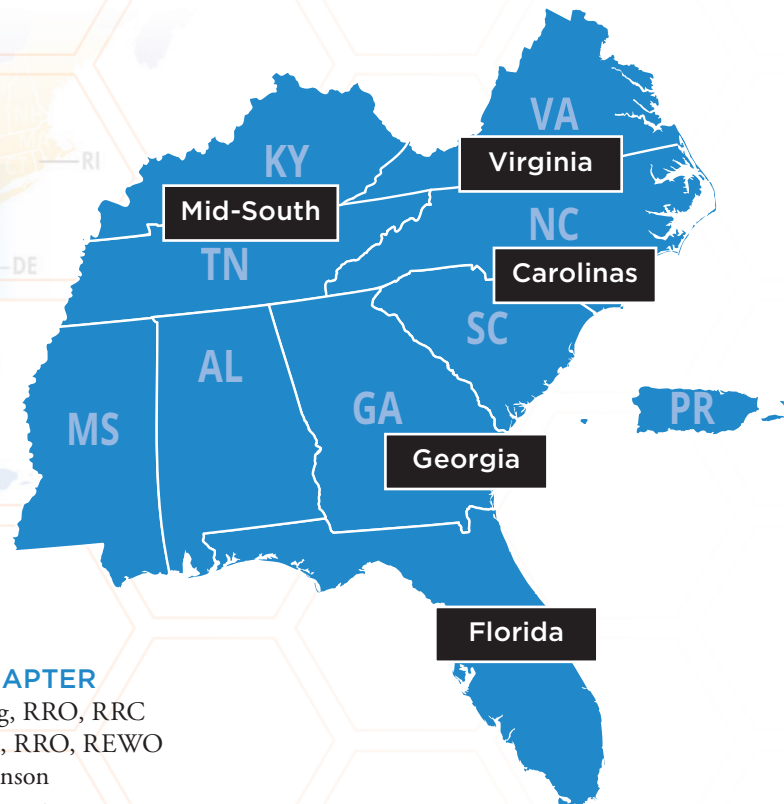
### OHIO VALLEY CHAPTER

Pres.: Rick Craig, F-IIBEC, RRC, RRO  
V-P: Nick Ridgeway, RRO  
Sec.: Tim Parland  
Treasurer: Denise Diestel  
Contact Info:  
c/o IIBEC Ohio Valley Chapter  
(Administrator: Emily Mandich)  
7250 Poe Ave., Suite 410  
Dayton, OH 45414  
P: (937) 278-0308, 888-294-0084  
ovciibec@assnsoffice.com  
ohiovalley.iibec.org

# IIBEC-AFFILIATED CHAPTERS



## REGION II



### REGION II DIRECTOR

Nicholas Tribble, RRO  
nbtribble@skaeng.com

### CAROLINAS CHAPTER

Pres.: Scott Singleton, RRC, PE  
V-P: Keith Parker, RBEC, RRC, RWC, REWC, RRO, CDT  
Treas.: Codee Goff, RRC, RRO, REWO  
Sect.: Hannah Safren, RRO  
Contact Info:  
Scott Singleton, RRC, PE  
P: (704) 594-8951  
scsingleton@skaeng.com  
carolinas.iibec.org

### FLORIDA CHAPTER

Pres.: Ricardo Moncada  
V-P: Howard Piper  
Treas.: Frank Louis-Jeune  
Sect.: Jeff Carrillo  
Contact Info:  
Ricardo Moncada  
P: (754) 312-7204  
ricardo@rmsbeconsultants.com  
florida.iibec.org

### GEORGIA CHAPTER

Pres.: James Hoag, RRO, RRC  
V-P: Pierce Ward, RRO, REWO  
Treas.: James Johnson  
Sect.: Thomas Weaver  
Contact Info:  
James Hoag, RRO, RRC  
P: (678) 547-1084  
jhoag@crssupply.com  
georgia.iibec.org

### MID-SOUTH CHAPTER

Pres.: Brad Diaz  
V-P: Nick Warndorf, RRO  
Treas.: Todd Bagwell  
Sect.: Brian Davis  
Contact Info:  
Brad Diaz  
P: (615) 602-1060  
bdiaz@soprema.com  
mid-south.iibec.org

### VIRGINIA CHAPTER

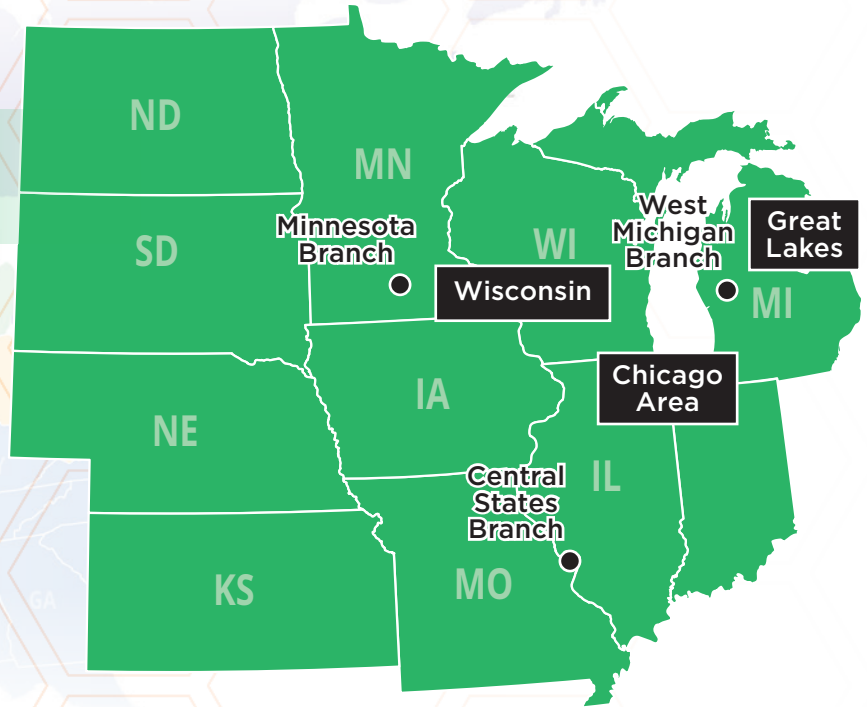
Pres.: Kirk Stanford  
V-P: Rob Moore, Jr., RRO  
Treas.: April McKelvey, RRC, RRO  
Sect.: Elizabeth Grant, PhD, RA  
Contact Info:  
c/o Kirk Stanford  
P: (336) 282-1895  
kstanford@skaeng.com  
virginia.iibec.org



# IIBEC-AFFILIATED CHAPTERS



## REGION III



### REGION III DIRECTOR

Charles T. Sietmann, RRO, REWO, CCCA, CIT [csietmann@btc.expert](mailto:csietmann@btc.expert)

### CHICAGO AREA CHAPTER

Pres.: Melissa Barrows-Lieb, RRC, RRO, CCCA, CDT

V-P: Jake Arnold, CDT

Treas.: Ryan Schultz

Sect.: Allysia Youngquist, AIA, NCARB

#### Contact Info:

Melissa Barrows-Lieb

P: (708) 935-6011

[info@chicagoarea.iibec.org](mailto:info@chicagoarea.iibec.org)

[chicagoarea.iibec.org](http://chicagoarea.iibec.org)

### Minnesota Branch

Liaison: Piotr Rusinkiewicz, RRO

P: (612) 246-4990

[prusinki@gmail.com](mailto:prusinki@gmail.com)

### Central States Branch

Liaison: Cale Prokopf, REWO, RRO

P: (314) 754-7440

[cprokopf@rooftechconsulting.com](mailto:cprokopf@rooftechconsulting.com)

### GREAT LAKES CHAPTER

Pres.: Jim Watson, RRC

V-P: Justin Osborne, RRO

Treas.: Joe Sobas, RRC, RRO

Sect.: Jeff Scott, RRC, RRO, CCS

#### Contact Info:

James Watson, RRC

P: (734) 591-4444

[jwatson@rtaltd.com](mailto:jwatson@rtaltd.com)

[iibecgreatlakes.org](http://iibecgreatlakes.org)

### West Michigan Branch

Liaison: Elise Love, RRC

P: (248) 514-4993

[elove@wje.com](mailto:elove@wje.com)

### WISCONSIN CHAPTER

Pres.: Eric Raatz, RBEC, RRC, RWC, REWC, RRO

V-P: Adam Geszvain, RRO

Sect./Treas.: David Johnson

#### Contact Info:

Eric Raatz

P: (414) 467-7759

[raatz@alumni.msoe.edu](mailto:raatz@alumni.msoe.edu)

[wisconsin.iibec.org](http://wisconsin.iibec.org)

[rci-wi.org](http://rci-wi.org)

# IIBEC-AFFILIATED CHAPTERS



## REGION IV



### REGION IV DIRECTOR

Jon Cannon, RRC, RRO, REWO, CDT  
jcannon@hollon-cannon.com

### CENTRAL TEXAS CHAPTER

Pres: Seth Tanner, RRC, RRO  
V-P: Bob Kuhn, CCS, CCCA  
Treas.: Melannie Ruiz Moreno  
Sect: Kayla Maines  
Contact Info:  
Seth Tanner, RRC, RRO  
P: (512) 293-2556  
stanner@forensizxconsulting.com  
centraltexas.iibec.org

### GULF COAST CHAPTER

Pres: Georgette Avery  
V-P: Timothy Clepper, RRC, RRO  
Treas.: Royce Owens, RRO, EIT  
Sect: Graciél Rodriguez  
Contact Info:  
Georgette Avery Houston, TX 77010  
P: (713) 630-7300  
gavery@walterpmoore.com  
gulfoast.iibec.org

### NORTH TEXAS CHAPTER

Pres.: Gary Gilmore, RRO, REWO  
V-P: Tamara Higgins  
Treas.: Benjamin Scales, RRC, RRO  
Sect.: Blaine Sibby  
Contact Info:  
Gary Gilmore, RRO, REWO  
P: (214) 533-3320  
gary.gilmore@beamprof.com  
ntrci.com

### Mexico City Branch (Mexico)

Liaison: Alejandrina Galicia  
P: (553) 334-3382  
agalicia@buildingdx.com

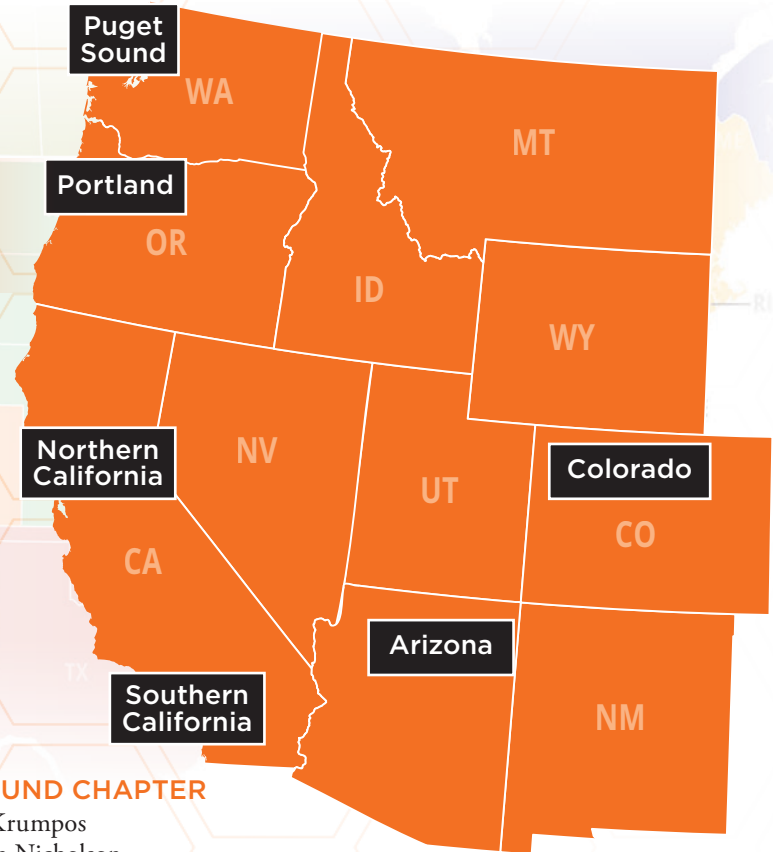
### Louisiana Branch

Liaison: Mike Schultz, RRO  
P: (504) 247-8334  
mike@roofmanagementsolutions.com

# IIBEC-AFFILIATED CHAPTERS



## REGION V



### REGION V DIRECTOR

Julie E. McDonald, REWC, RRC  
juliemcdonald324@gmail.com

### ARIZONA CHAPTER

Pres: Pete Keener, RRC, RRO, CIT  
V-P: Bryan Hill, RRO, RRC  
Treas: Chantell Cornett  
Sect.: Allison Verley  
Contact Info:  
Pete Keener, RRC, RRO, CIT  
P: (210) 386-1592  
peterpuck1980@gmail.com  
arizona.iibec.org

### COLORADO CHAPTER

Pres.: Matt Braun  
V-P: Lauren Morley  
Treas.: Dan Cupit  
Sect.: Kade Gromowski  
Contact Info:  
Matt Braun  
P: (303) 885-3969  
mbraun@be-ci.com  
colorado.iibec.org

### PORTLAND CHAPTER

Pres.: Cody Hakala  
V-P: Lis Morris  
Sect.: Andrew Larson  
Treas.: Delvecchio Gray, RRC, RRO  
Contact Info:  
Susie Sirovatka  
IIBEC Portland Chapter Administrator  
P: (503) 280-8759  
susie.sirovatka@professionalroofconsultants.com  
portland.iibec.org

### PUGET SOUND CHAPTER

Pres.: Darbi Krumpas  
V-P: Elizabeth Nicholson  
Treas.: Andrew Stanton  
Sect.: TJ Becerra, Jr.  
Contact Info:  
Darbi Krumpas  
P: (425) 387-8709  
darbi.krumpas@socotec.us  
pugetsound.iibec.org

### SOUTHERN CALIFORNIA CHAPTER

Pres.: Jeremy Roberts, RRO  
V-P: Missy McLain  
Treas.: Sophia Salah  
Sect.: Sean Connolly  
Contact Info:  
Jeremy Roberts, RRO  
P: (909) 273-4796  
jeremy.roberts@ibroof.com  
southerncalifornia.iibec.org

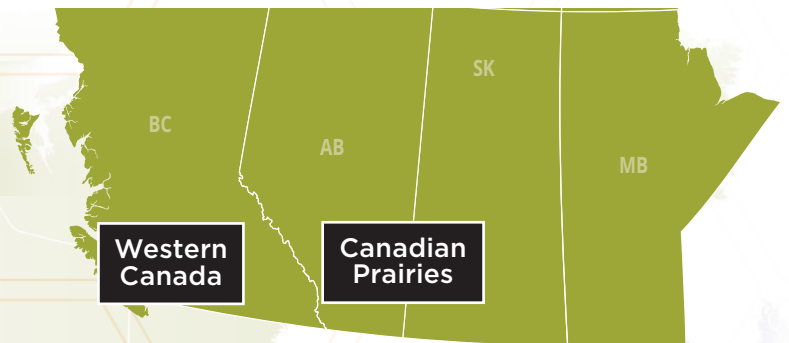
### NORTHERN CALIFORNIA CHAPTER

Pres: Jerome Jeffers, RBEC, RRC, RWC, REWC, CCS, CCCA  
V-P: Joseph Buccini  
Treas: Bill Gillette  
Sect: Maxwell Calehuff  
Contact Info:  
Jerome Jeffers, RBEC, RRC, RWC, REWC, CCS, CCCA  
P: (650) 543-5600  
jjeffers@abbae.com  
northerncalifornia.iibec.org

# IIBEC-AFFILIATED CHAPTERS



## REGION VI



### REGION VI DIRECTOR

Jon Solland, RRC, RRO  
jon.solland@rjc.ca

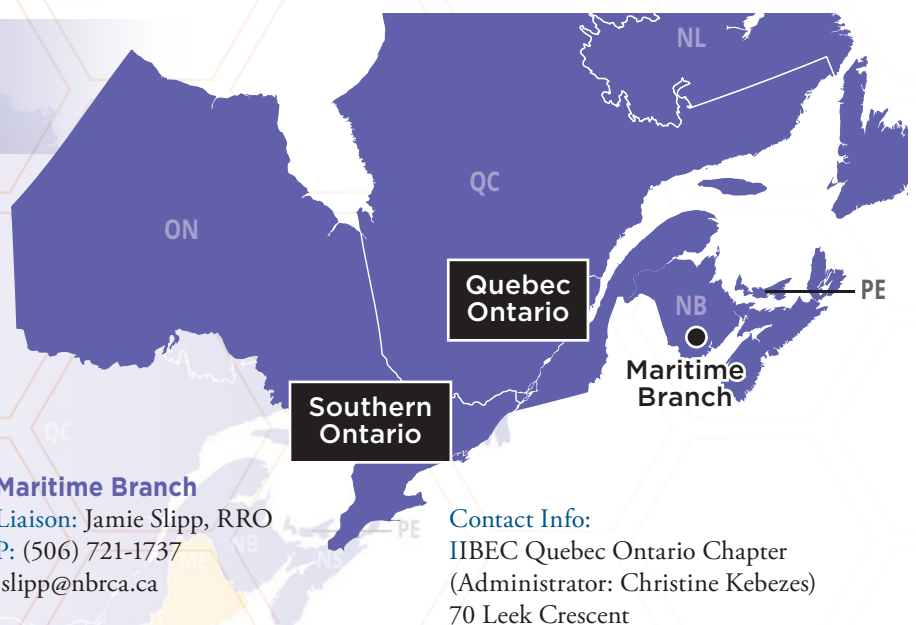
### CANADIAN PRAIRIES CHAPTER

**Pres.:** Christine Baxter, RRO  
**Treas.:** Trevor Sziva, RRO  
**Sect.:** Stephen Epp, RRO  
**Contact Info:**  
Christine Baxter, RRC  
P: (403) 651-8859  
christine@baxterroofconsulting.ca  
candianprairies.iibec.org

### WESTERN CANADA CHAPTER

**Pres.:** Torston Ball, RRO, PEng  
**V-P:** Brian Boomars, PEng  
**Sect./Treas.:** David Taguchi, RRO  
**Contact Info:**  
IIBEC Western Canada Chapter  
(Molly Shipowich, Executive Administrator)  
P.O. Box 19113  
1153 56th Street  
Delta, BC V4L 2P8  
CANADA  
P: (604) 294-0037  
iibecwcc@telus.net  
westerncanada.iibec.org

## REGION VII



### REGION VII DIRECTOR

Stephanie M. Robinson, B.A.Sc., P.Eng.  
Stephanie.robinson@wsp.com

### SOUTHERN ONTARIO CHAPTER

**Pres.:** Blair Gamracy  
**V-P:** Meagan Kikuta  
**Treas.:** John Mills  
**Sect.:** Lora Ferrazzo-Bourck  
**Contact Info:**  
IIBEC Southern Ontario Chapter  
(Administrator: Christine Kebeztes)  
70 Leek Crescent  
Richmond Hill, Ontario L4B 1H1  
CANADA  
P: (416) 499-4000 x.4119  
ckebeztes@tcaconnect.com  
southernontario.iibec.org

### Maritime Branch

**Liaison:** Jamie Slipp, RRO  
P: (506) 721-1737  
jslipp@nbrca.ca

### QUEBEC ONTARIO CHAPTER

**Pres:** Troy Ferreira, RRO  
**V-P:** Sebastien Joly  
**Treas./Sect.:** Preston Seaward, RRO

### Quebec Ontario

**Contact Info:**  
IIBEC Quebec Ontario Chapter  
(Administrator: Christine Kebeztes)  
70 Leek Crescent  
Richmond Hill, Ontario L4B 1H1  
CANADA  
P: (416) 499-4000 x.4119  
ckebeztes@tcaconnect.com  
quebecontario.iibec.org

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# ADVOCACY

## ADVOCACY AND GOVERNMENT RELATIONS

IIBEC's strategic plan is the cornerstone on which the government relations program is built:

- Increase involvement in the development of codes and standards to promote requirements needed to ensure the safety, resilience, and sustainability of building enclosure systems.
- Increase advocacy efforts to influence procurement issues to protect the integrity and transparency of taxpayer funded projects.
- Increase engagement with outside organizations to promote legislative efforts.
- Increase efforts to promote IIBEC member credentials and services to government entities.
- Increase resources, tools, and training to chapters to engage in local, state, and provincial advocacy efforts.

Working through the IIBEC Advocacy Committee and with chapters and branches, IIBEC's advocacy efforts are driven by member interests.

## Mission:

**The Advocacy Committee's mission is to influence and defend public policy interests of IIBEC consultant members in the building enclosure industry while creating strategic alliances with common goals to advance and protect public policy.**



## IIBEC ADVOCACY FOR CHAPTERS AND MEMBERS

As long as the government has a say over how buildings are constructed and by whom, IIBEC members must be involved to protect the interests of the profession.

Whether it is one person or an official committee, by harnessing the resources available from IIBEC, chapters can ensure our voice is heard when legislation and regulation impacting our profession is discussed. IIBEC will be a resource to the individual or chapter at every stage, from organizing and identifying key issues to helping write letters and meeting with elected officials to discuss important issues. IIBEC is committed to assisting its affiliated chapters in the ways noted below:

### SETTING UP AN ADVOCACY PROGRAM

IIBEC staff will work with chapter leaders to organize a chapter advocacy program and identify goals, strategies for engagement, and other programmatic functions to meet the chapter's needs.

### CHAPTER VISITS TO SPEAK OR STRATEGIZE

IIBEC staff can attend in-person or virtual events and provide professional government affairs assistance upon request. IIBEC staff can speak about IIBEC policies and relevant legislative bills, provide a general overview, and even provide training for members.

### STATE & LOCAL LEGISLATIVE MONITORING

IIBEC monitors legislation at the state level that could impact members. From procurement legislation to changes in the building codes, IIBEC will alert chapters when our system catches legislation of interest.

### LETTER WRITING PROGRAM

Letters and electronic messages are an excellent way to communicate with and educate your elected representatives and regulators on issues impacting the building enclosure profession. IIBEC has experience drafting letters for use in advocacy efforts.

### HOSTING EVENTS WITH LEGISLATORS & REGULATORS

IIBEC can help identify, design, and invite key local officials to an event to discuss legislative or regulatory issues impacting the sector and educate them on the building enclosure profession.

### LOBBY DAYS/LEGISLATIVE VISITS

IIBEC can assist in organizing visits with your local officials, topics to cover, and best practices for communicating with elected officials and their staff. IIBEC can also help with drafting and preparation of statements if speaking or testifying before a legislative panel.

# CODE OF ETHICS

## INTERNATIONAL INSTITUTE OF BUILDING ENCLOSURE CONSULTANTS

Adopted July 17, 2001

Revised March 28, 2006, Revised September 19, 2015

Revised September 24, 2022

**Introduction:** The International Institute of Building Enclosure Consultants (IIBEC) is dedicated to the highest standards of professionalism, integrity, and competence. The standards contained in this Code of Ethics (Code) are statements of ethical principles by which the professional conduct and obligations of all IIBEC members and registrants shall be guided.

Under the IIBEC Bylaws, all IIBEC members and registrants are required to comply with the Code of Ethics and to report any observed violations. Adherence to this Code must be above reproach and beyond the influence of competing interests. Even the appearance of a conflict of interest shall be avoided.

The standards contained in this Code of Ethics are statements of ethical principles having broad applicability to members and registrants of IIBEC.

Members and registrants of IIBEC shall recognize that their profession and their practice may be governed by various laws (federal, state, provincial, local, or otherwise) and regulations regarding professional registration and the conduct of trade. It is their responsibility, therefore, to be familiar with those laws and regulations and to conduct themselves accordingly.

**Standard of Care Statement:** This Code is not intended to define the Standard of Care a member or registrant is required to meet and shall not be used as a reference or part of a civil action against a member or registrant.

**General Obligations:** Members and registrants shall maintain and further their knowledge of the profession in which they practice and shall maintain the utmost standard of professional judgment and conduct. Members and registrants shall conduct themselves and their practice honestly and impartially, serving with integrity the organization (IIBEC), other members, their clients, employers, and the public.

IIBEC does not tolerate harassment, discrimination, racism, violence, retaliation, and other disrespectful or inappropriate behavior. Members and registrants shall conduct themselves with integrity, in a professional manner and treat everyone with respect and dignity, including those with differences including but not limited to gender, gender identity, race, color, age, disability, sexual orientation, ethnic origin, veteran status, religion, or other legally protected characteristics.

IIBEC members and registrants are committed to diversity and inclusion and shall value and embrace diversity in the profession and participation in IIBEC programs and activities

### Fundamental Canons

Members and registrants of IIBEC, in the performance of their duties, shall:

1. Hold paramount the safety, health, and welfare of the public.
2. Conduct themselves in a professional and respectful manner and recognize the contributions of the project team engaged in consulting, design, and construction.
3. Value, and treat with respect and dignity all individuals, regardless of gender, gender identity, race, color, age, disability, sexual orientation, ethnic origin, veteran status, religion, or other legally protected characteristics.

### Rules of Practice

1. Safety, Health, and Welfare of Public Responsibilities:
  - a. Adhere to applicable laws and regulations.
  - b. When necessary, rely on the advice of other competent and qualified persons as to the intent and meaning of such applicable laws and regulations.
  - c. Be honest in conduct, and promote effective use of resources through transparent, and impartial service with fidelity to the public, employers, associates, and clients;
  - d. Approve and/or issue only those documents that they prepare or review and that are determined to be safe for public health and welfare, in conformity with accepted industry standards and applicable laws;
  - e. Neither offer to nor make payments or gifts to public officials, private clients, or industry representatives with the intent of influencing that person's judgment or decision in connection with an existing or prospective project in which the member/registrant is interested.
  - f. Do not mislead about the results that can be achieved through the use of the members' or registrants' services or products, nor shall the members or registrants state that they can achieve results by means that violate applicable laws;
  - g. If a member's or registrant's judgment is overruled under circumstances that, in the opinion and best professional judgment of the member or registrant, may endanger life may cause substantial damage to property, or is not compliant with applicable laws and regulations, the member or registrant shall:
    - i. Advise an employer and/or client about the decision,



- ii. Refuse to consent to the decision, and
  - iii. Notify the appropriate Authority Having Jurisdiction charged with the enforcement of the applicable laws or regulations.
2. Professional Responsibility:
- a. Be respectful and considerate to others in obtaining work and employment, and while participating in IIBEC events;
  - b. Exercise unprejudiced and unbiased judgment and conduct when performing services;
  - c. Make accurate, truthful, and appropriate statements or claims about their qualifications, experiences, or performance;
  - d. Perform services in areas of professional and personal competence;
  - e. Undertake assignments only when qualified by education and experience in the specific technical fields involved;
  - f. Further knowledge of technical and non-technical capabilities including, but not limited to, the science, principles, and ethics of the profession and community;
  - g. Evaluate and decline activity or employment, financial or other interest, and refuse contribution if it reasonably appears that such involvement could compromise judgment and the best interests of the clients or employers. Provide full disclosure to the client or employer and obtain consent thereto;
  - h. Restrict the use of their names or firms nor associate in business ventures with persons or firms that they have reason to believe are engaged in fraudulent or dishonest business or professional practices.
  - i. Similar to statement c. above Engage only in accurate, appropriate, and truthful promotion of their practice;
  - j. Be objective and truthful in reports, statements, testimony, and on social media;
  - k. Maintain client and employer confidentiality when applicable;
  - l. Comply with obligations relating to confidential information and applicable data privacy laws in relation to its use, processing, and storage of professional and personal data;
  - m. Refrain from making false statements about the work of others and shall not maliciously injure or attempt to injure the prospects, practice, or employment position of others;
  - n. Develop and disseminate accurate information related to consultation, design, and construction of building enclosure systems.
  - o. Do not accept compensation—financial or otherwise—from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed.

- p. Members and registrants having substantial information leading to a reasonable belief that another member or registrant has committed a violation of this Code that raises a serious question as to the honesty, trustworthiness, or fitness of the other member or registrant are encouraged to initiate a complaint with the IIBEC Ethics Committee and/or applicable Authority Having Jurisdiction.

### Enforcement and Amendment

1. Enforcement of the Code of Ethics is administered through the IIBEC Ethics Committee, appointed by the IIBEC Board of Directors, and the Board of Directors as set forth in the IIBEC Ethics Administrative Procedures.
2. The IIBEC Code of Ethics may be amended by the IIBEC Board of Directors upon a two-thirds vote of the Board.

For more information, please visit [iibec.org/membership/code-of-ethics](https://iibec.org/membership/code-of-ethics).



# CREDENTIAL PROGRAMS

Recognizing the need for qualifications and standards in an unregulated industry, IIBEC has developed seven highly regarded credential programs. Roof consultants, exterior wall consultants, waterproofing consultants, building enclosure commissioning providers, and quality assurance observers can establish their credentials through the following programs:

- Registered Building Enclosure Consultant (RBEC®)
- Registered Roof Consultant (RRC®)
- Registered Waterproofing Consultant (RWC®)
- Registered Exterior Wall Consultant (REWC®)
- Certified Building Enclosure Commissioning Provider (CBECxP®)
- Registered Roof Observer (RRO®)
- Registered Exterior Wall Observer (REWO®)

All seven represent a high level of competence, experience, and ethics, as well as a commitment to continuing education. Each requires an application process and satisfactory performance on an examination.

Each candidate must submit a completed application to IIBEC with the appropriate application fee. Allow 90 days for processing.

**The RBEC, RRC, RWC, REWC, CBECxP, RRO, and REWO designations represent the pinnacle of roofing, waterproofing, exterior wall, and building enclosure commissioning professionalism.**



Applications may be completed online at [iibec.org/credentials](https://iibec.org/credentials). They are also available upon request from IIBEC. Study guides, which offer sample questions and a list of reference materials from which the exam questions were developed, are available.

Once an application has been approved, the candidate is eligible to take the exam.

Computer-based testing is available to all approved candidates. IIBEC provides the testing company with candidate eligibility information. Candidates are then contacted to schedule their testing sessions at one of the 1,000 conveniently located testing center locations.

Approved applications are valid for two years, and an application extension is required if the applicant does not earn the RRC, RWC, REWC, CBECxP, RRO, or REWO title within that time. Application extensions can be less involved than the original process, depending on the age of the information; therefore, immediate action is recommended. Contact IIBEC for a specific application.

Once an application has been approved and the exam has been passed, the candidate has qualified for a credential title and will be honored at an awards ceremony during the next annual IIBEC International Convention and Trade Show. A credential card is also provided and will be reissued every year upon renewal.

## GENERAL CONSULTANT KNOWLEDGE EXAM

The General Consultant Knowledge (GCK) exam was developed to test areas common to all components of the building enclosure (roofing, waterproofing, and exterior walls). This concept was designed to produce a more efficient testing process, eliminating common information being tested for each consultant designation. Once passed, the GCK exam will not need to be retaken should there be interest in pursuing multiple consultant designations. To earn any consultant designation (RRC, RWC, REWC), an applicant must take and pass both the GCK exam and the technical exam associated with the desired credential. If an applicant already possesses a consultant designation, he or she is exempt from taking the GCK exam. If only one is passed, the candidate will be required to retake only the part he or she failed. The exam that is passed will remain valid until the candidate is successful in passing the other exam and the designation is earned. Candidates who do not meet

the required grade point to pass an exam will have the option to retest every four months.

There is no separate application for the GCK exam. Approval of any consultant application will qualify the applicant to take it. A study guide for the exam is available from IIBEC and on the website.

The GCK exam is offered at computer-based testing centers and has 90 multiple-choice questions that involve the following topics: ethics, general skills, communications and reports, codes and standards, design processes, procurement processes, agreements, and construction administration. Exam takers are given four hours to complete this exam.

Fees for the GCK exam are as follows:

- \$275 for IIBEC members
- \$375 for nonmembers



## REGISTERED ROOF CONSULTANT PROGRAM

The demand for the Registered Roof Consultant (RRC) title by private clients and public agencies has been growing rapidly. Requirements for attaining this title are stringent and take considerable time and effort to fulfill. While membership is not required, most RRCs choose to join the organization. IIBEC's RRC Review and Update course is highly recommended for anyone planning to take the RRC exam. Several IIBEC skill enhancement courses are also recommended, including Roof System Thermal and Moisture Design, Roof Drain Design, and Wind Design courses. These courses are not part of the registration process and do not cover all that is on the RRC exam; however, they do provide important basic information.

### Requirements

Successful candidates must demonstrate, by application, certain minimum requirements regarding education, personal work experience, character, and ethics. Verification of an applicant's education and/or work experience is done with a point system. A minimum of 100 points is required and is based on one of the following: work experience only; experience and education; or experience, education, and professional registration. In addition, the applicant must obtain a minimum of 70 continuing education

hours (CEHs) directly related to the roofing, waterproofing, and/or exterior wall industries. A satisfactory score on an exam is required after application approval. The RRC exam is offered at hundreds of conveniently located testing centers.

### Fees

The fees for RRC applicants are shown on page 31.

### The RRC Exam

Test takers will be given four hours to complete the computer-based exam. This will include 60 multiple-choice questions that involve the following topics: codes and standards, materials and properties, assemblies, analysis and design, and evaluation and testing. Some problems may involve mathematical computations that require familiarity with basic algebra, geometry, and trigonometry.

Scientific calculators and reference materials are provided within the exam. A study guide is available on the website or from IIBEC upon request.

### Renewal Policy

Renewal requirements are listed on page 31 under Credential Renewal Policy.

# CREDENTIAL PROGRAMS



## REGISTERED WATERPROOFING CONSULTANT PROGRAM

IIBEC's Registered Waterproofing Consultant (RWC) program was established in 2005. The requirements for attaining this title are stringent and take considerable time and effort to fulfill. IIBEC's Waterproofing course is highly recommended for anyone planning to take the RWC exam. This course is not part of the credential process and does not cover all that is on the RWC exam; however, it does provide important basic information.

### Requirements

Successful candidates must demonstrate, by application, certain minimum requirements regarding education, personal work experience, character, and ethics. Verification of an applicant's education and/or work experience is done with a point system. A minimum of 100 points is required and is based on one of the following: work experience only; experience and education; or experience, education, and professional registration. In addition, the applicant must obtain a minimum of 70 continuing education hours (CEHs) directly related to the roofing, waterproofing, and/or exterior wall industries. A satisfactory score on an exam is required after application approval. The RWC exam is offered in computer-based format at conveniently located testing centers.

### Fees

The fees for RWC applicants are shown on page 31.



### The RWC Exam

Four hours have been allotted for this computer-based exam. This includes 60 multiple-choice questions on the following topics: materials, systems, design, industry standards, and testing and investigation. Some problems may involve mathematical computations that require familiarity with basic algebra, geometry, and trigonometry. Scientific calculators and reference materials are provided within the exam.

### Renewal Policy

Renewal requirements are listed on page 31 under Credential Renewal Policy.



## REGISTERED BUILDING ENCLOSURE CONSULTANT DESIGNATION

The Registered Building Enclosure Consultant (RBEC) designation is awarded to those who have earned the Registered Roof Consultant (RRC), Registered Waterproofing Consultant (RWC), and Registered Exterior Wall Consultant (REWC) credentials. Individuals desiring this designation are required to complete a form before it is awarded.

To maintain this designation, the individual renewal fees for the RRC, RWC, and REWC registrations must be paid. The RBEC

title may be listed in combination with the individual consultant designations or by itself.

Individuals holding this designation will be required to sign a form to confirm that the annually required 15 CEHs have been earned from a combination of roofing, waterproofing, and exterior wall courses.

It is possible to earn all 15 hours at the annual IIBEC convention.



## REGISTERED EXTERIOR WALL CONSULTANT PROGRAM

The Registered Exterior Wall Consultant (REWC) program was established in 2011. The requirements for attaining this designation are stringent and take considerable time and effort to fulfill. The following courses are recommended for those pursuing this designation: Exterior Wall Technology and Science, Exterior Concrete Wall Systems, Masonry Wall Systems, and Stucco and Exterior Finish Cladding Systems. These courses are not part of the registration process and do not cover all that is tested on the REWC exam; however, they do provide important basic information.

### Requirements

Those who desire to become REWCs must substantiate certain requirements before qualifying to take the exam. These requirements include documenting levels of work experience, education, and high ethical standards. The application for this registration guides the applicant through the rigorous process.

Verification of an applicant's work experience is done using a point system; 100 points are required. In addition, the applicant must have at least six years of exterior wall consulting experience and a minimum of 150 continuing educational hours (CEHs) in

the roofing, waterproofing, and/or exterior wall industries. Credit will be given toward this requirement for advanced degrees and professional licensing.

The REWC exam is available in computer-based format at conveniently located testing centers.

### Fees

The fees for REWC applicants are shown on page 31.

### The REWC Exam

Candidates will have up to four hours to complete the exam. Sixty multiple-choice questions will test knowledge of exterior wall systems in the following areas: design, materials, investigations, codes and standards, testing, and installation and repair. Some problems may involve mathematical computations that require familiarity with basic algebra, geometry, and trigonometry. Scientific calculators and reference materials will be provided within the exam.

### Renewal Policy

Renewal requirements are listed on page 31 under Credential Renewal Policy.



## REGISTERED EXTERIOR WALL OBSERVER PROGRAM

With the expansion of IIBEC's focus from roofing to the entire building enclosure, the organization saw the need for the development of a designation for exterior wall observers. Quality assurance observers monitor the construction process to ensure that exterior wall projects stay in compliance with approved construction drawings, specifications, and best-practice or warranty-stipulated installation procedures.

The Registered Exterior Wall Observer (REWO) designation validates that candidates possess the knowledge, skills, and abilities required to provide impartial, informed observation and documentation while performing the duties of project observation and quality assurance related to the construction of exterior wall systems. IIBEC's Building Enclosure Quality Assurance and its Exterior Wall Quality Assurance courses are recommended for those taking this exam.

### Requirements

The REWO designation is offered to those who qualify through an application process and computer-based exam. Potential candidates must:

- Have two years of exterior wall systems construction

experience, two years of quality assurance observation experience, or four years as an exterior wall systems technical or sales representative.

- Obtain a minimum of 12 hours of continuing education within the building enclosure industry.
- Attain a satisfactory score on the computer-based exam.

### Fees

The fees for REWO applicants are shown on page 31.

### REWO Exam

The exam includes 75 questions designed to measure the applicant's knowledge regarding construction documents, ethical standards, communication skills, safety practices, exterior wall systems, field observation practices, and reporting. Up to three hours are allotted to complete it. Results will be conveyed to the candidate immediately upon completion.

### Renewal Policy

Renewal requirements are listed on page 31 under Credential Renewal Policy.

# CREDENTIAL PROGRAMS



## REGISTERED ROOF OBSERVER PROGRAM

In an effort to improve the overall quality of construction, IIBEC offers the Registered Roof Observer (RRO) program. The RRO title is the preferred standard of practice among quality assurance observers. IIBEC's Roof Technology and Science I and II courses, Building Enclosure Quality Assurance, and the Rooftop Quality Assurance courses are highly recommended for those taking the RRO exam. These courses do not provide all of the information needed to pass the RRO exam but do provide important basic information.

### Requirements

The successful applicant must meet the following requirements:

- Have two years of roofing construction experience, two years of quality assurance observer experience, or four years as a technical or sales representative.
- Obtain a minimum of 12 hours of continuing education within the roofing industry.
- Attain a satisfactory score on the examination.

### Fees

The fees for RRO applicants are shown on page 31.

### RRO Exam

Once an application has been approved, the candidate must achieve a satisfactory score on the examination, which is tailored neither to any one particular area of roof observation nor to the design and construction practices unique to any geographic area.



The exam deals primarily with roof observations in general. It is computer based and is up to three hours long. It may include all phases of roof observations (methodology and construction), both steep- and low-slope roofing, and all systems (shingle, tile, slate, built-up, single-ply, wood, metal, and spray-applied foam).

In order to receive a passing score on the examination, the examinee must be thoroughly familiar with the basic methodology of quality assurance observation and have a broad knowledge of ethics, roof systems and materials, field testing, reporting, safe work practices, roles and responsibilities, and construction documents.

### Renewal Policy

Renewal requirements are listed on page 31 under Credential Renewal Policy.

## CREDENTIAL PROGRAM FEES

The fees for applicants for all credentials, regardless of designation *except the CBECxP*, are as follows:

### Application fee:

- \$375 for IIBEC members
- \$475 for nonmembers

### Exam fee:

- \$275 for IIBEC members
- \$375 for nonmembers

## CREDENTIAL RENEWAL POLICY

Each IIBEC credential must be renewed annually. Renewal for the REWO and RRO credentials require 10 continuing education hours (CEHs), and the RRC, RWC, and REWC credentials require 12 CEHs in the roofing, waterproofing, and/or exterior wall industries. Payment of the \$175 renewal fee (\$275 for nonmembers) is also required.

To maintain the RBEC designation, the individual renewal fees for the RRC, RWC, and REWC credentials must be paid. The RBEC credential may be listed in combination with the individual consultant designations or by itself. Renewal of the RBEC requires 15 CEHs that have been earned from a combination of roofing, waterproofing, and exterior wall courses.

It is possible to earn all renewal CEHs at the annual IIBEC convention.

# CERTIFICATION PROGRAMS



## CERTIFIED BUILDING ENCLOSURE COMMISSIONING PROVIDER PROGRAM

The Certified Building Enclosure Commissioning Provider (CBECxP) is a designation for the professional who acts as the technical and administrative director of the building enclosure commissioning process. Individuals who obtain the CBECxP credential meet a variety of requirements including: at least four years of building enclosure commissioning experience; attainment of 100 points from education, employment, and other professional credentials, per the application point system; 70 hours of continuing education directly related to building enclosure commissioning and achievement of a passing score on the CBECxP exam.

The CBECxP exam has 90 multiple-choice items covering building enclosure commissioning topics ranging from core competencies to occupancy and operations. Three hours are allowed for the exam. The CBECxP program fees and recertification details may be found at [iibec.org/credentials/cbecxp/](https://iibec.org/credentials/cbecxp/)

# EDUCATION PROGRAMS

IIBEC offers a wide variety of educational offerings throughout the year covering all segments of the building enclosure. Taught by experienced field professionals, these courses present the latest information in technology and industry best practices. Courses are available in multiple formats:

- in-person/on-site, delivered by IIBEC chapters
- in-person virtual, delivered by IIBEC HQ or IIBEC chapters
- online on-demand, through LearnUpon—IIBEC’s Online Learning Platform

IIBEC’s educational programs have earned an industry-wide reputation for offering top-quality, comprehensive building enclosure education. Designed to meet the educational needs of professionals with varying levels of experience, IIBEC’s education programs vary

across topic areas in proficiency level from introductory (fundamental concepts) to advanced (specific application principles and theory).

IIBEC courses are neither required nor intended to be preparatory for registration or certification exams. Course descriptions indicate if the course has been identified as recommended for those working toward a credential. All IIBEC courses are approved for IIBEC continuing education hours (CEHs). Many IIBEC courses are approved for American Institute of Architects (AIA) learning units (LU HSW or LU Elective). For more information about IIBEC’s educational programs, visit [iibec.org/education](https://iibec.org/education).

The IIBEC Education Team can be reached at: [education@iibec.org](mailto:education@iibec.org).



## IIBEC COURSES AND WEBINARS

With a wide selection of both live virtual and online education offerings, as well as on-demand courses, it’s easy to keep up with your professional education! Check the “Calendar of Events” as live virtual courses and webinars are offered throughout the year.



## CHAPTER-DELIVERED IN-PERSON COURSES

IIBEC chapters offer numerous educational events. Check the “Calendar of Events” and chapter websites for upcoming in-person and live virtual education offerings!



## ONLINE, ON-DEMAND EDUCATION

Earn continuing education credits from the convenience of your own home office. Visit LearnUpon, IIBEC’s Online Learning Platform, for a catalog of courses that are available on-demand. Engage in education on a variety of topics—when it works for your schedule!



## IIBEC COURSES



### Building Enclosure Quality Assurance

Building Enclosure Quality Assurance is a course for professionals interested in field inspections and quality of applications, including material manufacturers, general contractors, quality assurance observers, and field inspectors. This course covers the diverse and challenging aspects of roofing, waterproofing, and exterior walls encountered in the field. Highlights of the course include the role and responsibilities of the quality observer, contract administration, and construction contract documents.

(Recommended for RRO\* • Recommended for REWO\*)



### Exterior Concrete Wall Systems

This course is the first specific exterior wall course that builds upon the fundamentals presented in Exterior Wall Technology and Science. The purpose of the course is to provide an in-depth understanding of exterior concrete wall systems that serve as part of the building enclosure system. This course will cover properties of concrete materials that affect their use in building enclosures, applicable codes and standards, design and construction requirements, and evaluating, repairing, and maintaining exterior concrete walls.

(Recommended for REWC\*)



### Exterior Wall Quality Assurance

Exterior Wall Quality Assurance is a course for professionals interested in performing observation to ensure that exterior wall systems are installed in accordance with construction documents. The program covers diverse topics in the construction of exterior walls and is intended for manufacturers, general contractors, quality assurance observers, and field inspectors. (Recommended for REWO\*)



### Exterior Wall Technology and Science

This course provides exterior wall technology and terminology that will be used as the fundamental base for additional exterior wall course offerings. The course covers a broad range of topics, including types and function of exterior walls, psychrometrics and moisture movement, design objectives and building code requirements, wall penetrations, materials, coatings, and water repellants and sealants. This course is aimed at those preparing to expand their knowledge into exterior walls and those already practicing in this area who want to further develop their knowledge in exterior wall technology. (Recommended for REWC\*)



### Metal Roofing

Metal has unique properties that separate it from other roof choices. For over three millennia, metal roofing has been a durable, aesthetically appealing design element utilized for significant buildings. When corrugated metal roofing was introduced in the late 19th century, it became a welcome economical, fire-resistant roofing option. Metal roofing continues to evolve with technological advances in alloys, coatings, and the use of “floating” standing-seam roof panels. Course content is intended to provide attendees with a comprehensive understanding of metal roofing. (Recommended for RRC\* • Recommended for RRO\*)

# EDUCATION PROGRAMS

## IIBEC COURSES



### Professional Building Consulting

This course provides an overview of consultant roles that are unique to the roofing, exterior wall, and waterproofing industry. The course also identifies the consultant practices that are common to these three broad disciplines. The course examines building enclosure consultants and discusses what they do and how they do it and is a recommended foundation course for becoming more specialized. *Available on-demand in the Online Learning Platform.*

(Recommended for RRC\* • Recommended for REWC\* • Recommended for RWC\*)



### Reroofing

This course covers a range of concepts, including a discussion of the steps required for the roof consultant to successfully evaluate an existing roof and to make decisions regarding roof design using available references, resources, and evaluation techniques. Topics presented include review of reroof options and decision-making principles, building code considerations, reroof considerations, and examples of roof systems. Proper presentation of plans and specifications, as well as the role of stakeholders, is discussed. This course examines the elements required to properly execute meetings, project site visits, design resolutions, and project closeout. This course is designed for building consultants, architects, and engineers who regularly engage in the renovation of existing buildings. *Available on-demand in the Online Learning Platform.*



### Roof Technology and Science I

This course is the first component of a two-part series covering, in detail, aspects of the technology and science of roofing. The course covers the history and evolution of roofing up to present-day common applications. The course features terminology and technical information regarding roof decks and structures, roof insulation, bitumen membranes, built-up and modified-bitumen membranes, and flashing systems. An understanding of heat transfer theory, moisture, thermal design, and the calculation of U-factors will also be presented. *Available on-demand in the Online Learning Platform.* (Recommended for RRC\* • Recommended for RRO\*)



### Roof Technology and Science II

This is the second course of a two-part series covering, in detail, aspects of the technology and science of roofing. Highlights of the program include: fundamentals of single-ply, polyurethane foam, and PMR roof systems; basic concepts and terminology of metal roofing; steep roof design and installation of asphalt shingles, tiles, wood shakes, and shingles; building codes; fire testing/ratings of roofing; a basic understanding of wind interaction upon roofing and typical wind ratings; principles of roof asset management, including roof inspections, maintenance, and nondestructive evaluations. *Available on-demand in the Online Learning Platform.* (Recommended for RRC\* • Recommended for RRO\*)



### Rooftop Quality Assurance

This course is for professionals interested in performing observation services to ensure the roof installation is consistent with construction documents and ownership requirements. The program includes thorough overviews of the major roof system assemblies that the professional observer will encounter when performing rooftop quality assurance services for ownership/design groups. The course is ideal for roofing material manufacturers, general contractors, quality assurance observers, architectural and engineering field techs, and field inspectors. *Available on-demand in the Online Learning Platform.* (Recommended for RRO\*)

## IIBEC COURSES



### RRC Review and Update

This course is designed to provide skill review and updated information for individuals who have already passed the RRC exam. Additionally, this course may be beneficial to individuals who have prepared to sit for the RRC exam and seek to refresh their knowledge of technical topics. Covered during the program: wind design, including ASCE 7 and FM Global requirements; thermal calculations; CSI changes; green roofing principles; and roof asset management (RAM) calculations. *Available on-demand in the Online Learning Platform.* (Recommended for RRC\*)



### Vegetative Roofing for the Design Professional

This course is structured for those who design vegetative green roofs or who are responsible for correcting vegetative green roof thermal or moisture protection performance problems. Vegetative green roof design is a technically demanding and evolving growth industry. This course provides guidance in the areas of design criteria, system selection, reference standards, and flashing principles, and it discusses the influences of Factory Mutual, ASTM, GRHC, and NRCA publications and guidelines. (Recommended for RRC\* • Recommended for RWC\* • Recommended for RRO\*)



### Waterproofing

This course is designed for the practicing consultant and those who are aspiring to become Registered Waterproofing Consultants. This course focuses on split-slab plaza deck systems, surface-applied waterproofing, and below-grade waterproofing. The course starts with a review of differences among roofing, dampproofing, and waterproofing. (Recommended for RWC\*)



# JOIN

The World's Most Elite Organization  
Of Building Enclosure Consultants

**COMMUNITY. CREDENTIALS.  
CURATED LEARNING.**

Join Today At  
[IIBEC.org](https://www.IIBEC.org)

# PREMIER EVENTS



## IIBEC INTERNATIONAL CONVENTION AND TRADE SHOW

IIBEC's International Convention and Trade Show provides a forum for professionals who share a common goal of sustaining the highest standards and a desire to learn from one another. It provides an opportunity to explore current products and technologies; exchange ideas, solutions, insights, and information; attend cutting-edge educational sessions; and learn from renowned experts.

Attendees broaden and enhance their awareness of the industry and develop close working relationships with peers and vendors. Participants add value to the services they provide their customers by attending IIBEC's convention. Industry leaders, large and small, display their products and answer technical questions. The latest in industry research and practices is presented in technical seminars, where attendees may ask questions and earn continuing education hours (CEHs).

Other events include administrative and committee meetings to determine IIBEC's future direction, auxiliary seminars, live product demonstrations, a golf tournament, regional meetings, an awards luncheon, and a celebratory banquet with entertainment.

Join us in Orlando, the magical city known for its sunshine, diverse neighborhoods, and thriving entertainment scene.



MARCH 6-9, 2025

ROSEN SHINGLE CREEK  
ORLANDO, FLORIDA

### CONVENTION HAPPENINGS

- Technical Sessions
- Trade Show
- Auxiliary Seminars
- Committee Meetings
- Region Meetings
- The Excellence in Building Enclosure Consulting Awards
- Product Demonstrations
- Golf Tournament
- Awards Luncheon
- President's Reception and Banquet
- RCI-IIBEC Foundation(s) Event

### WHO SHOULD ATTEND

- |                    |                          |
|--------------------|--------------------------|
| IIBEC Members      | Purchasing Agents        |
| Specifiers         | Industry Representatives |
| Consultants        | Building Owners          |
| Building Officials | Property Managers        |
| Engineers          | Government Officials     |
| Architects         | General Contractors      |

## BUILDING ENCLOSURE SYMPOSIUM (BES)

IIBEC's Building Enclosure Symposium features next-level education focusing on the design, construction, maintenance, and repair of modern and/or older building enclosures. Presenters at this annual event offer relevant solutions to building enclosure challenges through real world examples and specific case histories.

For the 2024 symposium, IIBEC has partnered with the Ontario Building Envelope Council and will hold the event in Toronto, Canada. Exchange knowledge and expertise with an anticipated 300 consultants, architects, engineers, design professionals, and other building enclosure experts. Presentations include roofing, waterproofing, fenestration, exterior wall, building enclosure commissioning, and other pertinent topics within the industry.

Learn more at [iibec.org](http://iibec.org) under Education and Events.

SEPTEMBER 29-OCTOBER 1, 2024

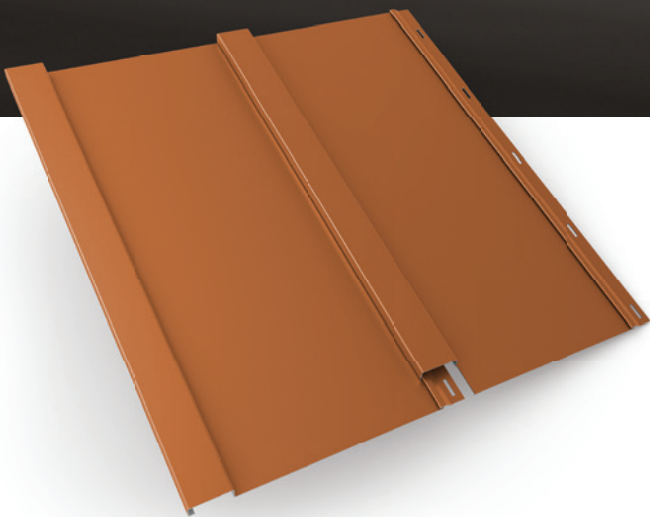
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# PERIODICAL PUBLICATIONS



# IIBEC interface



Published 9 times a year, *IIBEC Interface* is full of technical articles, industry events, professional and business development tips, and other information of interest to the building enclosure community. IIBEC members receive the publication as part of their membership. Additionally, *IIBEC Interface* is distributed to industry contacts and at trade shows, seminars, and meetings throughout the US and Canada. Additional sub-

scriptions may be purchased online at [iibec.org](http://iibec.org).

The journal's high-quality technical articles are reviewed by a peer committee of professionals. Members and industry professionals are urged to contribute articles for publication. *IIBEC Interface* aims to keep readers up to date with industry changes; to provide a forum for exchange of ideas and technical knowledge; and to connect with all elements of the building enclosure industry, establishing a common ground for ongoing dialogue.

Advertisements in *IIBEC Interface* are placed on a first-come, first-served basis. Contact IIBEC Manager of Marketing and Sales Arissa Cooper at 919-859-0742 for additional information.

For information on how to submit an article, contact Executive Editor Christian Hamaker at [chamaker@iibec.org](mailto:chamaker@iibec.org) or 919-551-6215.

Find the issue focus for each edition at [iibec.org/hub/interface](http://iibec.org/hub/interface)



SUBMISSION	ISSUE FOCUS	EDITORIAL DEADLINE
January 2025	Roofing	November 1, 2024
February 2025	Thermal Performance	December 1, 2024
March/April 2025	Blindside Waterproofing	January 2, 2025
May/June 2025	Convention and Trade Show	March 1, 2025
July/August 2025	Model Validation	May 1, 2025
September 2025	Air Barriers/Vapor Retarders	June 30, 2025
October 2025	Carbon Footprint	August 1, 2025
November 2025	Exterior Walls	September 1, 2025
December 2025	Sustainability	October 2, 2025

\*Subject to change without notice

# Digital interface



*IIBEC Interface's* digital edition is mobile-responsive and HTML-optimized, allowing readers to switch between the Reading view—with scrolling articles that automatically adjust to your device—and the Page view—a digital replica of the publication. Members can read the journal on their computers or digital devices.

The digital *IIBEC Interface* may also be accessed at the Hub ([iibec.org/hub](http://iibec.org/hub)), with full access for IIBEC members.



# DIGITAL RESOURCES

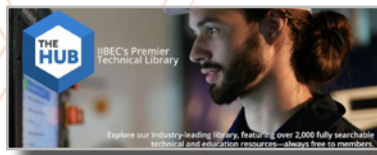
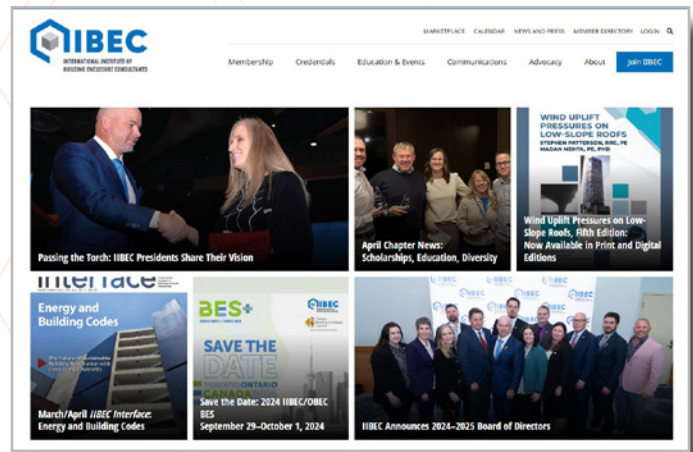


## iibec.org

IIBEC's website ([iibec.org](https://www.iibec.org)) is a valuable source of industry information providing the building enclosure profession with detailed information, about benefits, continuing education, and association events.

Additionally, it provides visitors with an understanding of IIBEC's mission and its role within the building enclosure industry. Potential clients of industry professional can search the online database for IIBEC members in their area or across the globe. The site includes information on the following:

- Member benefits and how to join
- Credential programs
- Association and industry news
- The IIBEC marketplace
- Calendar of events
- Live, in-person webinars, on-demand education, and more



## THE HUB

Archived *IIBEC Interface* technical articles as well as meeting proceedings, technical advisories, free education for members, IIBEC videos, and more can be found at: [iibec.org/hub](https://www.iibec.org/hub).

## IIBEC CONSULTANT MEMBER MICROSITE

Our [consultant.iibec.org](https://www.consultant.iibec.org) microsite highlights our building enclosure consultants. At the site, you'll find out:

- Why Building Enclosures Matter
- Why Choose an IIBEC Consultant?
- What IIBEC Consultants Can Do for You
- The Impact of IIBEC Consultants

Plus, use the site to find an IIBEC Consultant in your area!



## THE WEEKLY ENCLOSURE, CHAPTER RESOURCE CENTER, AND SOCIAL MEDIA

### The Weekly Enclosure

Sent to more than 13,000 building-enclosure professionals, our weekly newsletter continues to generate high open rates and click rates.

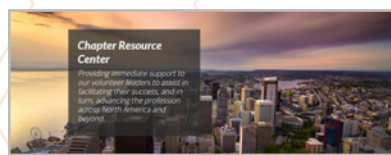


### Newsfeed

The IIBEC Newsfeed offers a continuous listing of association and industry news, member profiles, and chapter news. Check out the "News and Press" link at the top of the page at [iibec.org](https://www.iibec.org) anytime and read about what's happening.

### Chapter Resource Center

Our new Chapter Resource Center is exclusively for our volunteer leaders, allowing them to build their chapters with tools and resources that will foster success!



### Social Media

IIBEC's social media presence continues to grow with our recent debut on Instagram! Read about and discuss what's going on in the building enclosure consulting field on IIBEC's official social media pages:

 [x.com/IIBEC2020](https://twitter.com/IIBEC2020)

 [facebook.com/IIBEC2020](https://facebook.com/IIBEC2020)

 [linkedin.com/company/IIBEC2020](https://linkedin.com/company/IIBEC2020)

 [youtube.com/IIBEC2020](https://youtube.com/IIBEC2020)

 [instagram.com/iibec2020](https://instagram.com/iibec2020)



# OPPORTUNITIES FOR OUTREACH



IIBEC is a professional association serving the needs of more than 3,700 members from across the globe (primarily in North America). Members of IIBEC make up one of the most influential demographics in the building enclosure industry. The association's members specify billions of dollars of roofing, waterproofing, and exterior wall products each year.

Whether it's to coordinate a reroofing project, to design a new roof, or to solve a waterproofing or exterior wall issue, IIBEC members are called upon by building owners to offer their expertise for specification, design, and quality assurance.

Marketing through IIBEC is the surest means to gain access to this specific demographic.

To access detailed information regarding the opportunities below, visit [iibec.org/advertising-opportunities](https://iibec.org/advertising-opportunities).



## Print-Based Marketing

- IIBEC *Interface* technical journal

## Digital Marketing

- IIBEC website banner advertising
- IIBEC Newsfeed banner advertising
- Digital *IIBEC Interface* email banner advertising
- Employee recruitment advertising

## In-Person Marketing and Relationship-Building Opportunities

- International Convention and Trade Show
  - Exhibitors
  - Sponsorships
  - Live product demonstrations
  - Mobile device app banner advertising and push notifications (when available)
  - Event program advertising
  - Educational proceedings publication advertising
  - Attendee tote bag promotional item

- insertion/stuffer
- IIBEC Building Enclosure Symposium
  - Exhibitors
  - Sponsorships
  - Educational proceedings publication advertising
- Board Meetings
  - Executive Committee meeting sponsorships
  - Board of Directors meeting sponsorships
- Regional and metro-area chapter meetings (contact local chapters for sponsorships)
  - Exhibits
  - Golf outing sponsorships
- Leadership Development Workshop
  - Sponsorships
  - Tabletops



**For more information, contact IIBEC's manager of marketing and sales at 800-828-1902.**

# FOUNDATIONS



## RCI-IIBEC FOUNDATION

The RCI-IIBEC Foundation was established in 2001. Its mission is to support research, education and the dissemination of information for issues important to the building enclosure industry. The Foundation Board of Directors is responsible for raising, stewarding, and allocating funds for programs and projects that meet its mission. Its members represent professionals engaged in construction, consulting, design, education, manufacturing, research, and industry standards.

Foundation activities include:

- Funding for the *Wind Uplift on Low Slope Roofs (Fifth Edition)* which highlights significant code changes and new information on tornadoes and hurricanes incorporated because of the new Minimum Design Loads and Associated Criteria for Buildings and Other Structures (ASCE/SEI 7-22). The authors are IIBEC



Akshayaa Shree Krishnan Muni (right) with her IIBEC host, Sadil Eidda



2024 student convention attendees in Phoenix.

member Stephen L. Patterson, RRC, PE, of Roof Technical Services Inc. and Madan Mehta, PhD, PE, with the University of Texas at Arlington..

- Funding for *An Analysis of Unit-Price Procurement* conducted by professors Paul Chinowsky of the University of Colorado Boulder and Gordon Kingsley of Georgia Tech.
- Supporting and sending 32 students to the IIBEC International Convention and Trade Show in Phoenix, Arizona. Supporting and sending 25 students to the IIBEC Building Enclosure Symposium in Orlando, Florida. Since 2012, the foundations have supported 298 students to attend IIBEC educational events such as these, and many of these students now have careers in the building enclosure industry.
- In collaboration with the Thin Masonry Consortium and Portland State University, the foundation supported research and testing of adhered masonry during seismic and wind events.
- The foundation, in collaboration with GAF and Simpson Gumpertz & Heger Inc., has provided funding for research at Virginia Tech on thermal bridging via roof fasteners.
- *Roof Drainage (Second Edition)* was funded as an update of the 2003 edition resulting from significant changes in the *International Building Code*, the *International Plumbing Code*, and the methods used for roof design. This book was also authored by Stephen L. Patterson, RRC, PE, of Roof Technical Services Inc. and Madan Mehta, PhD, PE, with the University of Texas at Arlington.
- Established the Robert W. Lyons and RCI Lewis W. Newlan scholarship funds. These needs-based scholarships support undergraduate and graduate students studying engineering, architecture, construction, or building sciences. To date, the foundation has given out \$197,500 to 57 students from the US and Canada.
- The RCI-IIBEC Foundation has teamed up with CARS (Charitable Adult Rides & Services) to offer a vehicle donation program for our supporters. CARS is a nonprofit that helps the foundation accept and process donated vehicles, including cars, trucks, RVs, boats,



and even airplanes. To learn more about the program go to <https://careasy.org/nonprofit/rci-iibec-foundation-inc> or call 855-500-7433.

- The RCI-IIBEC Foundation established a charity brokerage account to enable gifts of listed securities. These donations support foundation activities that will advance the building enclosure industry, including research, educational programs, publications, and student scholarships.



*Madan Mehta (left) and Stephen Patterson (middle) present a copy of their new book to RCI-IIBEC Foundation President David Hawn.*



*2024 Foundations Golf Outing in Phoenix.*

## THE MISSION

**To support research, education, and the dissemination of information for issues important to the building enclosure industry.**

To learn more about the many research projects and publications funded by the foundation, visit [rci-iibecfoundation.org](https://rci-iibecfoundation.org).

The Foundation Board of Directors is committed to supporting building enclosure research and is continually identifying educational and research areas in roofing, waterproofing, and exterior wall systems. The foundation carefully reviews and awards grants for the development of new and improved data and publication of results. Grant proposals and requests are welcome at any time. Additional information and applications are available on the foundation's website.

The foundation is funded solely by individual and corporate donations. To donate and to be part of the future of our industry, contact Development Officer Rick Gardner at 800-828-1902, 919-859-0742, or [rgardner@iibec.org](mailto:rgardner@iibec.org); or mail your donation to RCI-IIBEC Foundation, 434 Fayetteville Street, Suite 2400, Raleigh, NC 27601



### RCI FOUNDATION CANADA

The RCI Foundation Canada (RCIF Canada) received its charity status from Revenue Canada in 2010. This entity runs parallel to the RCI-IIBEC Foundation in the United States. The mission of RCIF Canada is to support people pursuing research, advancing their education, and disseminating information on issues related to building practices. For more information on RCIF Canada, to donate, or to request funding, visit [rcifoundation.ca](https://rcifoundation.ca). Foundation-funded activities include:

- Funding research for National Research Council of Canada's field testing of an investigation into the ability of the Portable

Wind Uplift Apparatus to determine in-situ roof uplift resistance.

- Funding Canadian students to attend the IIBEC International Convention and Trade Show and Building Enclosure Symposium annually.
- Collaborating with the National Research Council of Canada and the Canadian IIBEC chapters to present the Canadian Virtual Building Science Insight Presentation.
- Providing scholarships for five students to attend the first-ever Canadian Building Envelope Symposium in Mississauga, Ontario.
- Contributing regularly to humanitarian organizations across Canada, including the Salvation Army for its relief efforts during times of natural disasters.

The RCIF Canada is funded solely by individual and corporate donations. To donate, please mail your check to RCI Foundation Canada, c/o Stocking & Cumming, #2-9124 Glover Road, P.O. Box 8 Stn Fort Langley, Langley, British Columbia V1M 2R4 Canada.

# FOUNDATIONS



*The RCI-IIBEC Foundation Board (left to right): Front Row: Patrick Banning, Brian Pallasch, Ted Sheridan, Mike Blanchette, David Hawn, Helene Hardy Pierce, Ralph Paroli, Melany Rizzo  
Back Row (left to right): Scott Hinesley, Rick Gardner, Lionel van der Walt, Mike DuCharme, Walt Rossiter (not pictured Sid Hankins, André Desjarlais, Richard Voyer)*

## ADDITIONAL INFORMATION

The RCI-IIBEC Foundation is designated as a 501 (C) (3) tax-exempt entity by the IRS. Contributions received from US taxpayers may be tax deductible. Contributions from corporations may be deductible as a business expense. The RCI Foundation Canada is recognized by the Canada Revenue Agency as a registered charity. Contributions received from Canadian taxpayers may be tax deductible. We recommend you consult with your tax advisor if you have questions.

For information on all registered charities in Canada under the Income Tax Act, please visit the Canada Revenue Agency, [cra.gc.ca/charities](http://cra.gc.ca/charities).

## WAYS TO SUPPORT THE FOUNDATIONS

First, support the foundation and its work through monetary donations, vehicle, property, or stock donations.

Second, bring the Foundation Board of Directors grant requests, ongoing projects, or ideas for projects that support the foundation’s mission of advancing research, education, and knowledge-sharing on issues important to the building enclosure industry.

Third, encourage your network to support and participate in the foundation’s programs, such as student scholarships, convention sponsorships, mentoring, Giving Tuesday, and the annual golf outing and auction at the IIBEC International Convention and Trade Show.

## ANOTHER OPPORTUNITY TO SUPPORT THE FOUNDATION

The foundation has established a charity brokerage account to facilitate gifts of listed securities and stocks. Additionally, the foundation can now accept vehicle donations as well as trucks, boats, and planes. For more information, please contact the RCI-IIBEC Foundation development officer at [rgardner@iibec.org](mailto:rgardner@iibec.org) or 919-859-0742.

## CONTRIBUTION LEVELS

### RCI-IIBEC Foundation and RCI Foundation Canada

Cornerstone Society	\$150,000 or more
Benefactor	\$50,000 - \$149,999
Patron	\$25,000 - \$49,999
Sponsor	\$10,000 - \$24,999
Leader	\$5,000 - \$9,999
Partner	\$1,000 - \$4,999
Supporter	\$500 - \$999
Advocate	\$100 - \$499
Participant	up to \$99

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Phone: 865-584-3770 • Email: s.hankins@roofdcs.com

**Patrick Banning**

Rimkus Consulting Group

Phone: 905-607-7244 • Email: pbanning@rimkus.com

**Mike Blanchette, F-IIBEC, RRC, RRO**

Email: mikeb69@msn.com

**André Desjarlais**

Oak Ridge National Laboratory

Phone: 865-574-0022 • Email: desjarlaisa@ornl.gov

**Michael DuCharme**

Carlisle Construction Materials

Phone: 717-245-7204 • Email: mike.ducharme@carlisleccm.com

**Scott Hinesley, F-IIBEC, RRC, PE**

REI Engineers

Phone: 704-596-0331 • Email: shinesley@reiengineers.com

**Ralph Paroli, PhD**

National Research Council of Canada

Phone: 613-993-9714 • Email: Ralph.Paroli@parnassa.org

**Walter J. Rossiter Jr., PhD, F-IIBEC**

W. J. Rossiter & Associates

Phone: 301-253-3534 • Email: wjrossiter@verizon.net

**Ted Sheridan, F-IIBEC, RBEC, RRC, REWC, RWC, PEng**

Fishburn/Sheridan & Associates Ltd.

Phone: 613-831-7293 • Email: ted@fsaeng.com

**Richard Voyer**

Soprema Canada

Phone: 819-478-8163 • Email: rvoyer@soprema.ca

**Lionel van der Walt**

Cell: 919-510-3102 • Email: lionelvdwalt@gmail.com

**Brian T. Pallasch, CAE, CEO/EVP**

International Institute of Building Enclosure Consultants

Phone: 919-859-0742 • Email: bpallasch@iibec.org

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**Ralph Paroli, PhD – Chair**

National Research Council of Canada

Phone: 613-993-9714 • Email: ralph.paroli@nrc.gc.ca

**Ted Sheridan, F-IIBEC, RBEC, RRC, REWC, RWC, PEng –  
Treasurer**

Fishburn/Sheridan & Associates Ltd.

Phone: 613-831-7293 • Email: ted@fsaeng.com

**Patrick Banning – Secretary**

Rimkus Consulting Group

Phone: 905-607-7244 • Email: pbanning@rimkus.com

**Richard Voyer – Director**

Soprema Canada

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# IIBEC HONOREES



## IIBEC PRESIDENT'S AWARD

The IIBEC President's Award is presented to those who have made a significant contribution to IIBEC's mission in the past year.

**Burt Carver, RRC, RRO (2024)**



## MICHAEL DEFRANCESCO OUTSTANDING VOLUNTEER AWARD

Awarded to the volunteer whose contribution over the course of the past year(s) stands above the rest.

**Lyle D. Hogan, F-IIBEC, RRC, PE (2003)**

**William Rubel, F-IIBEC, RRC (2004)**

**William Cypher, F-IIBEC, RRC (2005)**

**Kamran Farahmandpour, F-IIBEC,  
RRC, RWC, PE, CCS (2006)**

**Olan H. Lewis (2007)**

**John D. Shepherd, RRC, PE (2008)**

**Donald Bush Sr., F-IIBEC, RRC (2009)**

**Alan Spaite, PE, CCPM (2010)**

**Dale Purvis, RRC, RRO, CDT, LEED AP (2011)**

**William Waterston, RRC, AIA (2012)**

**Brian Gardiner, F-IIBEC, RRC, CCS (2013)**

**Russell A. Raymond, RRC,  
REWC, RRO, CDT (2014)**

**Stephen H. Alberico, AIA (2015)**

**Katharine Spavins (2016)**

**Jonathan Cannon, RRC, RRO, CDT (2017)**

**Jerry Abendroth, RBEC, RRC, RWC,  
REWC, RRO, CDT (2018)**

**Brian R. "Rick" Craig, F-IIBEC,  
RRC, RRO (2019)**

**Kenrick J. Hartman, RRC, RWC, REWC,  
RBEC, PE, LEED AP BD+C (2020)**

**Paul Buccellato, F-IIBEC, RWC,  
REWC, FASTM, AIA (2021)**

**April L. McKelvey, RRC, RRO (2022)**

**André Coppin, RRC, RRO (2023)**

**Stephen Baxter, RRC, RRO (2024)**



## JOE F. HALE LIFETIME ACHIEVEMENT AWARD

Renamed for its first recipient, Joe F. Hale, in 2022, the Lifetime Achievement Award was presented for the first time in 2011 and is awarded to those individuals who have provided a lifetime of extraordinary service and contributions to the success of the International Institute of Building Enclosure Consultants.

**Joe F. Hale, F-IIBEC, H-RRC (2011)**

**Lyle D. Hogan, RRC, F-IIBEC, PE (2014)**

**Richard "Dick" Fricklas (2014)**

**Robert "Bob" Lyons, F-IIBEC (2016)**

**Michael D. Blanchette, F-IIBEC,  
RRC, RRO (2017)**

**David R. Hawn, F-IIBEC,  
RRC, CEM (2018)**

**Philip D. Dregger, F-IIBEC, RRC, PE (2019)**

**Gerard "Jerry" Teitsma, F-IIBEC,  
RRC, RRO, CCA (2019)**

**Richard "Dick" Canon,  
F-IIBEC, RRC, PE (2020)**

**Walter J. Rossiter Jr., PhD,  
F-IIBEC, RRC, AIA (2020)**

**Jean-Guy Levaque, F-IIBEC,  
RRC, RRO (2022)**

**Warren French, F-IIBEC, RBEC, PE (2021)**

**William Waterston, F-IIBEC,  
RRC, AIA (2023)**

**Johann "John" Willers,  
F-IIBEC, RRC, PE (2024)**

## EMERGING PROFESSIONALS AWARD OF EXCELLENCE

Awarded to an individual under 40 or within the first 10 years of their career who has shown exceptional leadership, professionalism, and/or industry contribution in the profession of building enclosure consulting.

**Jeffrey C. Garrison, RRC, RWC,  
PE, CCA, CEI (2014)**

**Jonathan Cannon, RRC, RRO, CDT (2015)**

**Szymon Zienkiewicz, RRC, RRO, PE (2016)**

**Kenrick Hartman, RBEC, RRC, RWC,  
REWC, PE, LEED AP BD+C (2017)**

**Jennifer S. Hogan, RRO,  
LEED AP, CPHC (2018)**

**Julie E. McDonald, REWC,  
RRC, CIT (2019)**

**Jordan E. Crump, RRO, REWO (2020)**

**Stephanie Robinson, BASc (2021)**

**Charles T. Sietmann, RRO,  
REWO, CCA, CIT (2022)**

**Anthony K. Dukes, RRC, RRO, PE (2023)**

**Justin Bell, RBEC, RRC, RWC,  
REWC, RRO, REWO, CDT (2024)**



## WILLIAM C. CORRELL EXEMPLARY SERVICE AWARD

The William C. Correll Award honors IIBEC pioneer and first executive director William C. Correll Sr., F-IIBEC, AIA. In 2023, the award criteria was modified, and moving forward the award will be presented to an IIBEC staff member who has demonstrated a high degree of professionalism, leadership, ethics, and unselfish dedication or significant contribution to the growth and recognition of IIBEC.

**Justin Henshell, FAIA, FASTM (2008)**

**Richard Fricklas (2009)**

**Kristen Ammerman (2014)**

**Lyle D. Hogan, F-IIBEC, RRC, PE (2014)**

**Warren R. French, F-IIBEC,  
RBEC, PE (2015)**

**Albert Duwyn, F-IIBEC, RRC (2017)**

**Patrick L. Downey, F-IIBEC,  
RRC, CCA (2018)**

**Micki Kamszik (2018)**

**Brian Gardiner, F-IIBEC, RRC, CCS (2019)**

**Richard Wagner, RRC, CCS (2019)**

**Karen McElroy (2020)**

**Brian "Rick" Craig, F-IIBEC,  
RRC, RRO (2020)**

**David Balistreri, RRC (2022)**

**Betty Quan (2024)**



### **RICHARD M. HOROWITZ AWARD**

Awarded for the best technical article published in *IIBEC*

*Interface* within the previous year.

- Colin Murphy, F-IIBEC, RRC (1996)
- Lyle D. Hogan, F-IIBEC, RRC, PE (1997)
- Charles “Chuck” Marvin, RRC (1998)
- Gerard J. Teitsma, F-IIBEC, RRC, RRO, CCCA (1999)
- Robert Haddock (2000)
- Steven Murray (2001)
- William A. Kirn, RRC (2002)
- Raymond L. Corbin & Lyle D. Hogan, F-IIBEC, RRC, PE (2003)
- Donald Kilpatrick (2004)
- Kamran Farahmandpour, RRC, RWC, PE, CCS (2005)
- Joseph L. “Cris” Crissinger, CCS, CCCA (2006)
- Karl Schaack, RRC, PE (2007)
- Joseph L. “Cris” Crissinger, CCS, CCCA (2008)
- Matthew C. Farmer, PE (2009)
- Lyle D. Hogan, F-IIBEC, RRC, PE (2010)
- David Campbell, RWC, AIA (2011)
- Justin Henshell, FAIA, FASTM, & Paul Buccellato, RWC, FASTM, AIA (2012)
- Sarah Flock, AIA, & Garth Hall, AIA (2013)
- Scott Wood (2014)
- Karl Schaack, RRC, PE (2015)
- Rick Ziegler, RRO, PE; & Clark Denson, PE, CEM, BEMP (2016)
- Patrick J. Conway (2017)
- Kip Gatto, PE, SE, & Grace Wong, PE, RA, LEED AP BD+C (2018)
- Todd Skopic, CDT, LEED AP (2019)
- Mary Arntzen, PE (2020)
- Derek McCowan, PE (2020)
- Appupillai Baskaran, PhD, F-IIBEC, PEng (2021)
- Sudhakar Molleti (2021)
- Violet LaBrosse, AIA, & Jason Wilen, RRO, AIA, CDT (2022)
- Corey Wowk, AIA, LEED AP (2023)
- Leonidia Garbis, PE, LEED Green Associate (2023)
- Paul Buccellato, F-IIBEC, RWC, REWC, FASTM, AIA (2024)



### **JOSHUA J. SUMMERS OUTSTANDING EDUCATOR AWARD**

Presented to IIBEC members in recognition for exemplary service to IIBEC education on an institute and/or chapter level.

- Alan Spaite, PE (2013)
- Kamran Farahmandpour, F-IIBEC, RBEC, RRC, RWC, REWC, PE, CCS, CCCA (2013)
- Raymond C. Wetherholt, F-IIBEC, RBEC, RRC, RWC, REWC, PE (2013)
- Robert D. Card, F-IIBEC, RBEC, RRC, RWC, REWC, REWO (2013)
- Gerard “Jerry” Teitsma, F-IIBEC, RRC, RRO, CCCA (2013)
- Richard L. Cook Jr., F-IIBEC, RBEC, RRC, RWC, REWC, REWO, RRO, CCS, LEED, CSRP, SC ACEM (2013)
- Richard “Dick” Fricklas, F-IIBEC (2013)

- Raymond Ramos, RRC, PE (2017)
- D. Keith K. Davis, RBEC (2017)
- Patrick L. Downey, F-IIBEC, RRC, CCCA (2017)
- Brian Gardiner, F-IIBEC, CCS (2017)
- Charles L. Smith Jr. (2017)
- Joshua J. Summers, REWC, SE, PE (2017)
- Paul Buccellato, F-IIBEC, RWC, REWC, FASTM, AIA (2018)
- Edwin L. Williams Jr., RRC (2018)
- Jerry Abendroth, RBEC, RRO, CDT (2020)
- Emily Lorenz, PE (2021)



### **HERBERT BUSCHING MEMORIAL AWARD**

In 1994, the IIBEC Executive Committee established the Dr. Herbert Busching Award after the late Clemson University professor and engineer. Busching was a dedicated early member of IIBEC and the first chairman of the IIBEC Board of Regents. It is awarded to individuals who have contributed to the research, standards, and education of the roofing, waterproofing, and/or exterior wall industries.

- William C. Correll, F-IIBEC, AIA (1994)
- Richard Canon, F-IIBEC, PE, RRC (1996)
- Colin Murphy, F-IIBEC, RRC (1998)
- Michael Blanchette, F-IIBEC, RRC, RRO (2000)
- Joe Hale, F-IIBEC (2001)
- Donald E. Bush Sr., F-IIBEC, RRC (2004)
- Gerard Teitsma, F-IIBEC, RRC, RRO, CCCA (2009)
- Appupillai “Bas” Baskaran, PhD, F-IIBEC, PEng (2014)
- André Desjarlais, FASTM (2014)

- Walter Rossiter, PhD, F-IIBEC (2014)
- Wanda Edwards, PE (2017)
- Elizabeth J. Grant, PhD, RA (2021)
- Kamran Farahmandpour, F-IIBEC, RBEC, RRC, RWC, REWC, PE, CCS, CCCA (2022)
- Paul Buccellato, F-IIBEC, RWC, REWC, FASTM, AIA (2022)
- Emily Lorenz, PE (2023)
- Doug Stieve, RRC, AIA (2023)
- Michael L. Goolsby, RRC, CDT, LEED BD+C CBO (2023)

## IIBEC JURY OF FELLOWS

The designation of “Fellow” is an honorary title bestowed upon individuals who have demonstrated meritorious service. IIBEC, strengthened by its officers and volunteers, has recognized certain persons in this manner (see Article 17 of IIBEC’s bylaws). Recipients of the “Fellow” designation (F-IIBEC) to date are the following:

- William C. Correll, AIA (1986)  
Robert W. Lyons (1986)
- Dr. Herbert W. Busching, PE (1987)  
Richard P. Canon, RRC, PE (1987)  
Robert Phillips Jr., RRC (1988)  
D.B. “Ben” Hales, RRC (1989)  
George F. Kanz, RRC (1990)
- Richard M. Horowitz, AIA, RRC (1990)  
James E. Magowan, RRC (1991)  
Donald E. Bush Sr., RRC (1992)
- Joe F. Hale (1992)  
Barry S. Krum (1993)  
Robert Martin, RRC (1993)  
Sam Huff, RRC (1994)
- Lyle D. Hogan, RRC, PE (1994)  
John L. Willers, RRC, PE (1995)  
Arthur O. Sark, RRC (1996)  
Dave H. Siple, RRC (1996)  
Phil Dregger, RRC, PE (1997)  
Robb Smith, RRC, RRO (1998)
- Michael Blanchette, RRC, RRO (1999)  
William Cypher, RRC (1999)  
Matt Hitlin (2000)
- James “J.P.” Sheahan, RRC (2000)  
Colin Murphy, RRC (2001)  
George Criel, RRC (2002)
- Warren R. French, RRC, PE, CCS (2002)  
Michael DeFrancesco, RRC (2003)  
Albert Duwyn, RRC (2003)  
W. Nelson Hall, RRC (2004)  
Luther C. Mock, RRC (2005)  
Helene Hardy Pierce (2005)
- Thomas Hutchinson, RRC, AIA (2006)  
Gary R. Cattel, RRC, PE (2007)  
Patrick L. Downey, RRC, CCCA (2008)
- Kamran Farahmandpour,  
RRC, RWC, REWC, PE, CCS (2010)
- David R. Hawn, RRC, CEM (2010)  
William Rubel, RRC (2010)  
Robert Elsdon, RRO (2011)
- Richard L. Cook Jr.,  
RBEC, RRC, RWC, REWC, CCS, CSRP (2012)  
Arthur “Chip” Ward, RRC (2013)
- Raymond C. Wetherholt, RBEC, RRC, RWC, REWC (2013)  
Edward L. Arnold, RRC, RWC (2014)  
Richard “Dick” Fricklas (2014)
- Thomas M. Gernetzke, RBEC, RRC, RWC, REWC (2014)  
Dennis J. McNeil, RRC, RRO, CCS (2014)  
Brian Gardiner, RRC, CCS (2015)  
Sidney I. Hankins III, RRC, AIA (2015)  
Brian R. “Rick” Craig, RRC, RRO (2016)  
Samir Ibrahim, AIA (2016)  
Jean-Guy Levaque, RRC, RRO (2016)
- Robért J. Hinojosa,  
RBEC, RRC, RWC, REWC, RRO, PE, CDT (2017)  
Gerard J. Teitsma, RRC, RRO, CCCA (2017)  
Michael L. Williams, RRC, RWC, RRO (2018)  
Paul Buccellato, RWC, REWC, FASTM, AIA (2018)
- Michael E. Clark,  
RBEC, RRO, PE, CSRP, CxA+BE, BECxP (2019)  
Appupillai “Bas” Baskaran, PhD, PEng (2020)
- Robert D. Card, RBEC, RRC, RWC, REWC, REWO (2020)  
Walter J. Rossiter Jr., PhD, F-IIBEC (2020)  
Scott Hinesley, RRC, PE (2021)  
Derek Hodgkin, F-IIBEC, RBEC, RRO, PE, CDT (2021)  
Edward Sheridan, RBEC, RRC, REWC, RWC, PEng (2022)  
Karl Schaack, RRC, PE (2022)  
William Waterston, RRC, AIA (2023)  
Chris Giffin, RRC, AIA (2023)  
Amy Peevey, REWC, RRO, PE, CDT (2024)  
Marc Caputo, RRC, LEED AP (2024)



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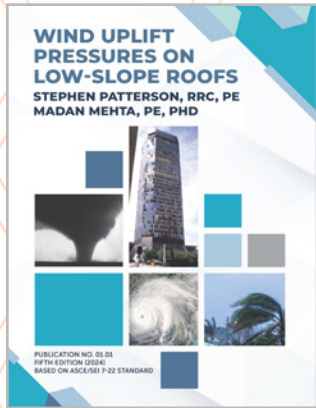
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# BOOKSTORE BEST SELLERS

## NEW EDITION: Wind Uplift Pressures on Low-Slope Roofs (Revised 2024)

Authors: Stephen L. Patterson, RRC, PE; and Madan Mehta, PE, PhD



The most significant wind-related revision in ASCE 7-22 is the addition of an entirely new chapter (Chapter 32) that deals with tornado winds. Until the publication of ASCE 7-22 Standard (i.e., up to ASCE 7-16 Standard), tornado winds were not considered for the design of buildings and other structures except for critical structures, such as the nuclear facilities, or tornado shelters. Several years of research on tornadoes and the data collected

therefrom, have revealed that the number of fatalities and the property losses from tornadoes far exceed those from hurricanes and earthquakes combined.

ASCE 7-22 Standard takes the above revelation into account and requires that Risk Category III and IV facilities in the tornado-prone region of the continental United States (the entire area lying east of the Rocky Mountains) be designed to resist winds from tornadoes in addition to those from hurricanes and windstorms. Because this revision in the Standard, and its (almost certain) adoption by the 2024 *International Building Code*, will impact the design of roof assemblies

going forward, a new chapter (Chapter 6) on tornado wind pressures has been added in this (fifth) edition of the monograph. A brief discussion of other wind-related revisions in ASCE 7-22 Standard applicable to low-slope roofs is given in Section 1.7 and elaborated in the relevant chapters.

This popular publication deserves to be a part of your personal library if you deal with roofing and building enclosure design and/or their forensics.

*Perfect-bound: 182 pages.*

IIBEC  
members

Electronic Format - \$55.00  
Print - \$65.00

Nonmembers

Electronic Format - \$79.00  
Print - \$89.00

## Horowitz Award Winners



A collection of all Horowitz Award-winning articles, representing the best technical article each year in IIBEC Interface, from 1995 through 2022. Plus, four articles covering the history of IIBEC decade by decade, and photos from IIBEC's 40th Anniversary celebration during the 2023 IIBEC International Convention and Trade Show.

IIBEC  
members

Electronic Format - \$40.00  
Print - \$75.00

Nonmembers

Electronic Format - \$45.00  
Print - \$79.00

## Proceedings: 2024 International Convention and Trade Show



The 2024 IIBEC International Convention and Trade Show Proceedings includes 20 articles in a full-color, perfect bound, print-on-demand book.

**IIBEC members**  
**\$59.00**

**Nonmembers**  
**\$69.00**

## Proceedings: 2023 Building Enclosure Symposium



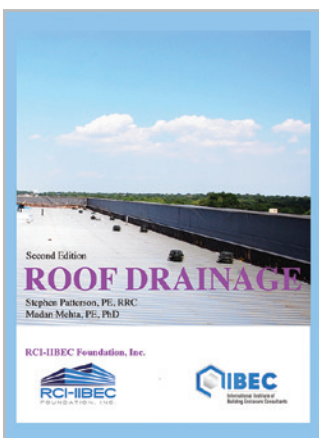
This collection presents nine articles from the 2023 Building Enclosure Symposium in Orlando, Florida in a full-color, perfect bound, print-on-demand book.

**IIBEC members**  
**\$39.00**

**Nonmembers**  
**\$49.00**

## Roof Drainage, Second Edition

**Authors:** Stephen L. Patterson, RRC, PE; and Madan Mehta, PhD, PE



According to Patterson and Dr. Mehta, “In this edition, we are responding to an unprecedented change in roof drainage design from what has been used for more than a half century. Until recently, the plumbing codes assumed that the flow through a roof drain is the same as the flow through a vertical leader of the same diameter. Several investigations and roof-collapse forensics have shown that our assumption has been incorrect.

“This monograph has been written as a textbook to serve all three disciplines—architecture, plumbing engineering, and structural engineering. We have learned a great deal since the 2003 publication and have incorporated it into this book.”

*A publication of the RCI-IIBEC Foundation.*

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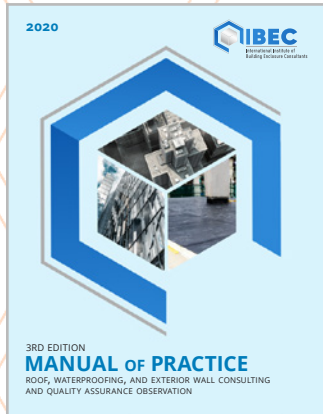
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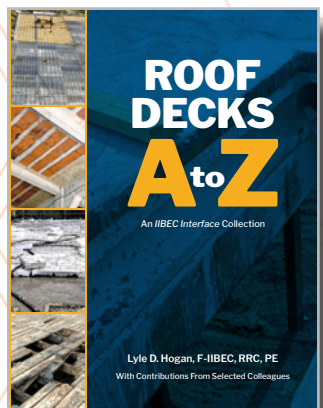
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- Part VI: Structural Cement Fiber
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- Part VIII: Precast Lightweight Cementitious Planks
- Part IX: Oriented Strand Board (OSB)
- Part X: Precast Hollow-Core Concrete Planks
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Melany Rizzo	Chief Operating Officer	mrizzo@iibec.org	(919) 551-6217
Carolyn Baber	Senior Executive Assistant/Operations Manager	cbaber@iibec.org	(919) 551-6208
Laura Kury	Operations Specialist	lkury@iibec.org	(919) 551-6205
<b>Membership &amp; Credentialing</b>			
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Simone Patterson	Membership and Credentials Specialist	spatterson@iibec.org	(919) 551-6218
Amanda Littlejohn	Membership Development Specialist	alittlejohn@iibec.org	(919) 551-6213
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