



March 13, 2018

Material Selection for More Resilient Design

PRESENTER

Catherine M. Houska, CSI
Chair, ASTM E60.80 General Sustainability Standards
Chair, ASTM A01 Steel task group for A955 Stainless Steel Rebar
Senior Development Manager, TMR Consulting
(Lots more if you want)



SUMMARY

While specific definitions of resilience vary, all describe the ability to recover from adverse conditions in a world where the frequency and magnitude of natural and human-induced disasters is increasing. Planning for resilience requires the selection of appropriate materials for the location and evaluation of possible threats during design.

Resilient materials can protect human life and reduce recovery time from disasters.

The focus of the presentation will be assessment of threats and the specific material performance characteristics that need to be considered for each. That will include flood, avalanche and landslide barrier corrosion performance; energy absorption (blast, impact, seismic); resistance to fire; and high wind loading. The primary focus will be on metals. The recently introduced NIST community resiliency planning guide will be incorporated into the discussion.

Cefalo's Restaurant

428 Washington Ave Carnegie, PA 15106

Board Meeting 5:00

Networking 5:30

Dinner 6:15

Program 7:00

Dinner Cost: \$35/person at the door

Reservations by Friday March 9

MAZelevkovitz@nationalgypsum.com

Member News

March 2018

March Anniversaries

Duncan Penney	Michael Baker International
Scott Cruttenden	Cruttenden Construction Services
David Miller	Laminators Inc.
Tom Derubeis	Arch Aluminum & Glass
Marc Zell	National Gypsum Company
Richard Strayer	Maffei Strayer Furnishings
Ray See	Bridges & Company
Brett Wygal	The Garland Company
Jeff Carty	Modernfold of PA
Mason Radkoff	Strada Architecture, LLC
Chris Maxwell	SOPREMA

Current Membership: 110

Phil Dorenkott joined ATAS International near the end of 2017 as Product Representative.

Laminators Inc. has appointed **David Miller** as Regional Manager for Architectural Products in the Mid-Atlantic and Chesapeake regions. As Regional Manager, Miller is responsible for performing field promotional work and relationship management to sell and develop new business. This includes working with current major accounts as well as developing new territories and new industries.

Member Profile - *Ryan Dietz*

March 2018

What is your company and what is your position?

Roofing Exterior Products Services of Ohio; Territory Sales Manager for Western Pennsylvania and West Virginia.

Tell us about your job.

I work with design professionals, building owners, and contractors to plan, budget, and install quality roofing and waterproofing systems, focusing on industrial and commercial low slope roofing. I represent Johns Manville, Kemper Systems, STS Coatings, Situra, SFS Intec, MSA Latchways Fall Protection, National Gypsum (roof cover boards), CMI, Durapax, East Coast Metals.



What is your education background?

I served 8 years in the United States Army as a Cavalry Scout attaining the rank of Staff Sergeant and the position of Scout Platoon Section Leader. I served two tours in Iraq during Operation Iraqi Freedom totaling 27 months in combat. Upon leaving the service, I used my GI Bill to pursue a degree in Nuclear Medicine Technology at Robert Morris University. I graduated Magna Cum Laude with a Bachelor's of Science in Nuclear Medicine Technology in 2013. I am also an Eagle Scout.

How many years have you been in the industry?

I have been in the construction industry for 3 years.

What part of your job do you most enjoy?

Traveling and meeting new people all over my territory.

What was your first job?

Stockman at Wal-mart in Gibsonia, PA

If you could change one thing about your profession, it would be:

Having a helicopter to skip traffic and travel faster



Member Profile - *Ryan Dietz* (cont'd)

March 2018

What year did you join CSI?

2015

Why did you join CSI?

To build relationships with design and construction industry professionals and increase my overall knowledge through project collaboration or lessons

What people influenced you most?

My parents and Army NCOS, as they provided the foundations of who I am today.

What do you see as the value of CSI membership?

Getting to know your peers in a relaxed environment outside of an office to build professional relationships and share ideas.

What CSI certifications have you earned?

None-but working towards earning my CDT.

What would you want somebody considering CSI membership to know?

It's fun getting to know everyone at meetings

Tell us about your family.

I am happily married to my wife Katelin. We have been together for over 5 years and married for 1.5 years. We both grew up in Gibsonia, PA. We have a 4 year old Black Lab/Pitbull mix dog named Freya.

What's your favorite city?

Salzburg, Austria

What are your hobbies?

Shooting sports, wood working, golf, bowling

What's a true sign of success?

Having the respect and admiration of your peers.

Best advice anyone ever gave you:

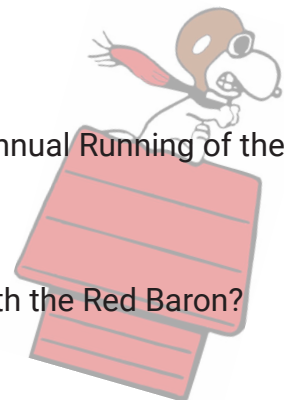
Never forget where you came from, Never forget where you want to go.

What would people be surprised to know about you?

I traveled to Spain July 2003 and ran with the bulls during Pamplona's annual Running of the Bulls festival.

Who is your favorite "Peanuts" character and why?

Snoopy, because who can't appreciate a dog that gets in "dog fights" with the Red Baron?



Region Report

March 2018

Somehow February is gone and March is upon us. The Region is looking forward to meeting in Winchester Virginia beginning on April 19th for the annual Region Conference. It doesn't seem possible that almost a year has past since Pittsburgh hosted the conference.

The Region is continuing to work to revamp its annual Leadership Seminar coming up in August in York, Pa. If you are an Officer or Committee Chair or would be interested in serving on a Chapter Committee please consider attending this Seminar. Talk to Gail Nagie for more details. The Region picks up the cost of this training and our Chapter sets aside money each year to help attendees with travel expenses. This is a great opportunity to develop your leadership skills.

MARC 2018

April 19-22, 2018

at the

**The George
Washington**

A Wyndham Grand Hotel

in Old Town

Winchester, VA

in the heart of the
Shenandoah Valley

with Revolutionary &
Civil War Historic Sites +
Regional Tourist Attractions



Ohio Valley RCI Event

March 2018



OHIO VALLEY
CHAPTER

February 27, 2018

Building Envelope Hands-On & Plant Tour

March 9, 2018
9:00 am



EAST COAST
M E T A L S Y S T E M S

625 Distribution Road
Triadelphia, WV 26059

The Ohio Valley Chapter of RCI would like for you to join us for the Building Envelope Hands-On & Plant Tour. This course is pending 4 1/2 hours continuing education for RCI and AIA. Topics will include:

**NFPA 285 Upcoming Changes &
Effects on Continuous Insulation
Air Barrier Systems
Metal Fabrication Plant Tour**

Please follow the link below for registration information.

[OVC RCI Hands On Event - 3/9/18](#)

Chapter 60th Anniversary

March 2018

CSI Pittsburgh 60th Anniversary Celebration

Saturday, September 15, 2018



sponsorship options:

\$500 Full page ad in program plus a poster board

-outside rear cover is sold.

\$250 1/2 page ad in program book plus 1/2 poster board

-valet parking sponsorship is sold.

\$125 1/4 page Business card ad

to become a sponsor contact Bob Bailey bbailey@ikminc.com

CSI's Academy on Risk Management to feature Jeremy Baker and Corey Zussman

**Sofitel Chicago Magnificent Mile
April 26-27, 2018, Chicago, IL**

[Click here for more information](#)

Identifying and discussing the most common causes for disputes and claims in a project team and the risks that result from labor shortages in the United States are the focus of Jeremy Baker and Corey Zussman, CSI, CDT, AIA, NCARB, ALA, RWC, RRO, CQM, LEED AP BD+C, at the CSI Academy, April 26-27 in Chicago. As an Academy participant, you will come away with a holistic understanding of the most common personnel risks that affect the construction project and be able to identify ways to address or train staff to lessen those risks.

Jeremy is an attorney specializing in Dispute Avoidance. He has represented property owners, developers, design professionals, contractors, and lenders, and will use this experience to provide background on the top 10 risks that lead to delays or disputes between the conception and execution sides of the project team.

Corey, Quality Assurance Director for Pepper Construction Group, LLC, is an architect and prolific writer on "Lessons Learned" and plans to leverage his nearly 30 years of experience in design, pre-construction, preservation, and construction to identify a number of personnel and training related risks that continue to plague the construction industry.

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