APRIL NTX MEMBERSHIP MEETING

Wednesday, April 3, 2019

MEETING DETAILS:

Topic: Non-Destructive Testing/Evaluation of Concrete and Masonry Structures
Speaker: Todd Allen
Location: University of Texas at Arlington Campus — Nedderman Hall Room 105 (416 Yates Street, Arlington, TX 76010)
Schedule: 11:00 AM—11:30 AM Registration and networking; 11:30 AM—12:00 PM Buffet Lunch is served; 12:00 PM—1:00 PM Meeting and presentation
Cost: $10 for members and non-members
Registration: https://icrintx.org/event/joint-meeting-with-ut-arlington-asce-chapter/
Parking: Visitor lots located throughout UTA campus; Maverick Parking Garage (708 S. West Street, Arlington, TX 76010) is recommended. Note that most visitor lots charge on an hourly basis and are approximately 5 minutes walk to Nedderman Hall

PRESENTATION INFO:

Speaker Bio: Todd Allen is President of Radarview LLC headquartered in Houston, TX serving the southern and mid-western U.S. His background includes 25 years in the petrochemical industry and is an honorably discharged US Navy veteran. Mr. Allen is a published author and has frequently presented for engineering and trade associations.

Abstract: Non-Destructive Testing/Evaluation involves the use of multiple technologies and methodologies. The right application is essential to provide engineers with valuable information to make informed decisions with regards to evaluating modification, retrofit, construction errors, damage, & deterioration in concrete and masonry structures. While technology can be great, using well thought out methods of applying the technologies is the key to providing information of value. This presentation will show practical case study examples of various applications. Most engineers and contractors will surely recall a project where the techniques and results shown could have solved problems. The technologies presented include: Electromagnetic Methods, Sonic/Ultrasonic Methods, Electrical Methods, Visual, and In-situ Strength Testing.
Hello all, and happy spring! With more daylight and better weather (well, sometimes), the busy season for construction is about to shift into high gear. Although for many of us, we’ve been in that gear for a while!

In busy times, the advantages of being an ICRI member become that much more apparent. The strength of our local NTX chapter lies within the depth and diversity of its membership; chances are, if you need help with any sort of repair or rehabilitation project, your first call will be to an ICRI member. Of the contractors, engineers, manufacturers, and suppliers who work in the North Texas area, I like to think the ICRI members among us represent the best of the best. In a fast-paced industry with challenges around every corner, having such an extensive contact list is a huge resource.

As an ICRI member, you also have access to a wealth of information from the National ICRI organization. ICRI publishes dozens of Technical Guidelines, which are available to members online, free of charge! Whether you’re an engineer who needs a guide specification for an FRP repair, or a contractor trying to improve QA/QC using ICRI’s ubiquitous surface profile chips, the resources available to you as an ICRI member are there to help you to perform high quality repair work, especially in the busiest of times.

I hope to see you at our April membership meeting at UTA. As always, be safe, and tell a friend about ICRI and our great chapter. See you soon!

Sincerely,

Stephen V. Grelle
2019 ICRI NTX Chapter President
Future Programs & Events

See the attached calendar for all 2019 NTX dates!

- April 3: Joint Meeting with UT Arlington ASCE
- April 8-10: ICRI Spring Convention, Jacksonville, FL
- May 10: Board Meeting
- June 14: ICRI NTX Membership Meeting and Clay Shoot
- Aug. 9: Board Meeting
- Sep. 12: ICRI NTX Membership Meeting
- Oct. 4: Golf Tournament
- Oct. 11: Board Meeting
**News From ICRI**

**Donation Thank You Letter From CPI**

Dear North Texas Chapter of ICRI,

Thank you for the donation of $2000 to CPI Foundations.

Your gift is being used for books and other expenses related to our current Field Training session. In addition to the maintenance projects being completed this session on Alcatraz Island and at Pearl Harbor, your funds are benefiting each of our current cohorts, including United States Soldiers and Marines.

Thank you for supporting CPI in making a difference in the lives of these individuals who have sacrificed for our country, improving our National Parks, and attracting quality candidates to the concrete, construction and infrastructure industries. We greatly appreciate your generosity.

Sincerely,

Tanya Komas, Founder & CEO

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**2019 ICRI Spring Convention**

ICRI’s Spring Convention will be held in Jacksonville, FL, Monday through Wednesday (April 8-10, 2019), at the Omni Hotel & Resorts Jacksonville. The theme of the convention is “Waterproofing with Aesthetics: Making it Dry and Appealing to the Eye.” Log on to icri.org and fill out the online registration form!

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**JOIN ICRI!** We encourage all of our industry friends to become a member of ICRI to support the organization and take advantage of the many benefits of membership. Registration is easy! Visit the ICRI registration page and make sure to include your annual membership in the North Texas Chapter ($40 per year) in addition to your national membership dues.
ICRI Concrete Slab Moisture Testing — Fort Worth, Texas

At the National Wood Flooring Association (NWFA) Expo

Throughout the country there is significant disparity in how portions of the current ASTM moisture testing standards are being interpreted and how the tests are being performed.

ICRI registrants wanting to participate in this course must register for the WFA Expo in order to access the class location. ICRI has negotiated a discounted rate of $50 for the Expo. Participants MUST register through the following link in order to receive the Discounted ICRI Expo Rate:
https://registration.experientevent.com/shownwf191/FLOW/ATT2

General guidelines for registration - please note; one will need to set up a profile and password once starting the registration process at the dashboard.

- Complete profile with password
- Answer show questions
- Registered for necessary ICRI Course(s) for desired education/certification
  - Full Certification - Register for Tier 2 Certification Program along with demonstration and workshop (this will block most of day on May 2nd and time for Performance Exam on May 3rd)
  - Tier 1 Educational Program - for those wanting education that includes Certificate of Achievement (will require an examination on May 2nd)
  - Recertification Exam - for those that are currently CCSMT’s and meet the eligibility requirements to recertify via examination only
  - Educational Session - for those wanting Education only - no certificate provided
- Complete ICRI Registration - you will be taken to screen where you can register for NWFA options do NOT conflict with ICRI CSMT timeframes
- Option is available for hotel room search - click on “No Reservations at this time” if you want to return later or are making accommodations outside of registration (or if you are local)
- Review order, pay and check out

Please call ICRI office, 651-366-6095, if you have any issues - do not call NWFA or go through the Expo website.
February Meeting Recap

The North Texas Chapter had the pleasure of welcoming the Chair of ICRI’s Technical Activities Committee, Mr. Fred Goodwin, to their February meeting held at the Las Colinas Corporate Center in Irving, Texas. A Fellow of ICRI, ACI and ASTM, and a NACE Certified Corrosion Technologist, Fred is one of the true “rock stars” in ICRI, working tirelessly behind the scenes, handling the reins of TAC, ensuring that ICRI’s technical offerings are properly vetted according to consensus criteria. A chemist with over 30 years in the construction chemicals industry, he currently leads BASF’s Construction Chemicals Global Corrosion Control Competency Center.

Sprinkled with a bit of chemical humor, Mr. Goodwin provided a large group of NTX members and guests with a very informative presentation on the mechanisms of corrosion in concrete, making sure to define the terms that may not have been familiar to the non-chemists in the room. He reviewed the history of concrete, noting that 12 billion cubic meters of concrete gets placed globally each year, and that corrosion in concrete costs $1.25 billion per year to mitigate. Fred reviewed various ways to prevent corrosion, including numerous methods to provide protection for concrete containing embedded steel reinforcing, such as coatings, membranes, penetrating sealers, surface applied corrosion inhibitors, the use of galvanic anodes, and impressed current cathode protection. He also explained his basic “DDAS” design philosophy – “Don’t Do Anything Stupid”, and that concrete maintenance is best performed sooner rather than later. Sage advice from a true concrete guru!

Surface Profile Chips for Sale!

Did you know that the NTX Chapter sells ICRI Surface Profile Chips (CSP 1-10)? Let us know before a meeting and we can deliver them to you there! Your purchase supports the NTX Chapter. For more information, contact Pete Haveron at peteh@texconrest.com.
2019 NTX Chapter Scholarships

The North Texas Chapter is offering scholarships to our members, their families, and others in the community. Multiple scholarships of at least $1,000 will be awarded to applicants in 2019 to be used during the fall 2019 semester. High school seniors and college undergraduate students, who are pursuing a certificate or degree from a college, university, or trade school, are eligible to apply. While preference will be given to full-time students pursuing a career related to concrete restoration, repair, strengthening or related fields, students from all disciplines can apply.

Applications are due on Friday, April 12, 2019, and the scholarship winner(s) will be announced on or about May 17, 2019. The payment will be made to the recipient’s school and put into an account in the name of the recipient. The application form is attached at the end of this newsletter.

Have industry news to share? Recent promotion? Industry recognition? We want to hear about it! Email jon_carrier@midcontinental.com for inclusion in the next issue.
The North Texas Chapter is always looking for ways to expand or refine the newsletter. If you have suggestions on what we should include in the newsletter, new ideas, articles, or things we need to cut out, please send those comments to Jon Carrier (jon_carrier@midcontinental.com).

Did your business card not make the newsletter? Don’t worry. We can include you in future issues of the newsletter. Please contact Jon Carrier (jon_carrier@midcontinental.com) for information. Don’t delay as our newsletter ads operate on a calendar year.

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Get Surface Repair Certified!

Why should my company have ICRI-certified Concrete Surface Repair Technicians (CSRT) on staff?

The ACI 562-16 concrete repair code commentary states that CSRTs are qualified to perform testing and inspections required by the Design Professional. Look for this requirement to become more prevalent in the coming years as, ACI 562-16 is becoming more widely recognized. Plus, better quality control and quality assurance start with better training!

The North Texas Chapter is always looking for ways to expand or refine the newsletter. If you have suggestions on what we should include in the newsletter, new ideas, articles, or things we need to cut-out please send those comments to Jon Carrier (jon_carrier@midcontinental.com).

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Overview & Program Guidelines

Objective: To encourage participation in the concrete and/or concrete repair industries. Scholarship funding is provided by ICRI NTX.

Amount: At least $1,000 for tuition, fees, and books (more than one scholarship may be awarded)

Eligibility: High school seniors and college undergraduate students that are pursuing a certificate or degree from a college, university, or trade school.

Apply: Submit the following:

- Completed application form
- Cover Letter
- Transcripts
- Test scores

To: ICRI North Texas Chapter
   Julie Bolding, Scholarship Committee Chair
   1700 Alma Drive, Suite 250
   Plano, TX 75075
   214-237-7022 x 2003
   jmb@armstrong-douglass.com

Due Date: Friday, April 12, 2019

Review: Completed applications will be reviewed by the Chapter Scholarship Committee. Appointed by the Chapter President, the Chapter Scholarship Committee Chair selects two committee members, who are approved by the Board of Directors. Applicant interviews may be requested by the Scholarship Committee. Committee members' family members are excluded from the opportunity to apply, but all others are are eligible to apply regardless of membership in ICRI.

Decision: Award recipient(s) will be notified via letter on or about May 17, 2019. An announcement of the award recipient(s) will be made during an ICRI NTX Chapter meeting.

Award: Funding will be awarded by July 1, 2019 and will be placed in an account under the award recipient's name at his or her college, university or trade school. If no school as been selected or if student ID number and school financial aid mailing information has not been provided as of this date, funding will be held until a school is selected. Award will only be sent directly to college, university or trade school, not to award recipient.

Follow-up: Award recipients will be expected to attend a NTX Chapter meeting (at no cost to the recipient) and to provide a follow-up letter (or e-mail) at the completion of the semester for which funding is allocated including a description of the coursework completed and grades earned.

\[1\] While preference will be given to full-time students pursuing a career in concrete restoration, concrete strengthening methods, concrete repair material research or related fields, students from all disciplines are invited to apply. Past recipients may reapply.

\[2\] Applies to high school senior and college undergraduate applicants, unofficial transcripts are acceptable

\[3\] Applies to high school senior applicants only, ACT or SAT scores are acceptable
International Concrete Repair Institute North Texas (NTX) Chapter
Scholarship Application & Guidelines, 2019

Scholarship Application

General:  
Date: ___________  Applicant's Name: ____________________________

(First, M.I.)

Present Address:

(Street)

(City)  (State)  (Zip)

Phone:____________________  E-Mail: ______________________________

Permanent Address:

(Street)

(City)  (State)  (Zip)

Phone:____________________

Education:  
College, university, or trade school you are attending or plan to attend:

____________________________________________________________________

Major Field of Study: ____________________________

Full-time: ________  Part-time: ________  Have you been accepted? ________

Work experience in the Concrete or Construction Industry:

____________________________________________________________________

____________________________________________________________________

Award Info:  
Remit to: ____________________________  Student ID: ____________________________

Department name and address where scholarship check should be sent:

____________________________________________________________________

*Note: Payment will not be sent to award recipient's university, college or trade school until award recipient provides their student ID number, and all information required to submit the award to their university, college or trade school.
NORTH TEXAS CHAPTER

International Concrete Repair Institute North Texas (NTX) Chapter
Scholarship Application & Guidelines, 2019

Have you received an ICRI NTX scholarship in the past? __________ When? __________

If you are working, how long have you worked in a field associated with ICRI?
>10 years __________  5 to 9 years __________  <5 years __________

If you are a high school senior, what high school do you attend?

__ Supplimental: __
(use additional sheets if necessary)

List your community, civic, or professional organization affiliations (include leadership):

List your extracurricular activities and interests: ________________________________

__ Cover Letter: __

In addition to transcripts and test scores (for high school senior applicants), please include a 1-2 page cover letter with your application. The cover letter should focus on your career interests and goals, strongest personal characteristics, and why you have selected your current course of study. Steps you envision taking to achieve your goals as well as a statement about how the receipt of this scholarship could assist in that process are also of interest to the Committee.

Signature of Applicant __________________________ Date __________

Printed Name __________________________

Signature of Parent/Guardian (if applicant is under 18) __________________________ Date __________

The information provided in this application is complete and accurate to the best of my knowledge. I understand that scholarships are awarded at the discretion of the Scholarship Committee and, by signing above, I give the Committee permission to contact my school for verification of the information I have provided. I agree that if I am awarded a scholarship I will notify ICRI NTX immediately if my educational program is interrupted or changed in any manner that might jeopardize its intent and that I may be asked to return the scholarship. Additionally, I understand that if I am awarded a scholarship, funds will be paid to my college, university, or trade school of attendance and placed in an account under my name.
## 2019 NORTH TEXAS ICRI

### Important Dates

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<th>JANUARY</th>
<th>FEBRUARY</th>
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<th>SEPTEMBER</th>
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**Legends:**
- Federal Holiday
- Board Meetings
- Special Events
- National ICRI Dates
- Membership Meetings
- Newsletter Deadlines