

ACI FIRST MIX

November 2, 2016 • Issue 21 • www.aci-ncawnv.org

News of events, people and projects in our
Regional Concrete Industry. [Subscribe](#) to **ACI FIRST MIX**

American Concrete Institute
Northern California  Western Nevada
Chapter
Advancing Our Regional Concrete Industry Since 1958



ACI CONSTRUCTION AWARDS 2016

HONORING OUR REGION'S BEST PROJECTS
BANQUET NOV. 15 • THE CLUBHOUSE AT LAS POSITAS

18 Projects Are Submitted!

Each winner will be presented by a key member of the project team. Tim Daust, Chapter Vice President, will serve as your host.

Projects for 2016 are judged in the following five categories.

- Architectural
- Structural
- Construction
- Unique Use of Concrete
- Green/Environmental

Make Your Reservations Today!

Thank You to the Organizational Member Sponsors of the 2016 ACI Construction Awards:

Gold:

Northern California Cement Masons Joint Apprenticeship

Silver:

BASF

DeSilva Gates Aggregates

Lehigh Southwest Cement Company

2016 ACI Construction Awards Night!

The Clubhouse at Las Positas Golf Course
915 Clubhouse Drive • Livermore, CA 94551
925.455.7820

[Website for Las Positas](#) for Map and Directions

6:00 pm - Social Hour - No-Host Bar

7:00 pm - Dinner

8:00 pm - Awards Program

We will have tables of 8 guests.

Chapter/ACI Members: \$50

Non-Members: \$55

Students: \$10

Help Sponsor a Student: \$15

Please join us for an enjoyable evening as we honor many of our region's best projects!

Rich Vance, 2016 ACI Construction Awards Chair
and Chapter Past President

rvance@lehighcement.com 925.437.4166

Chapter Coming Events

Help us present the kind of events that matter to you -- topics and projects that you'd like to learn more about. Please contact us with ideas!

We usually meet on the 2nd Tuesday, with Social Hour at 6 PM, Dinner at 7 PM, and Presentation at 8 PM. Our annual SEAOC/ACI Event in April starts at 5:30 PM.

We update this list as we confirm speakers and locations.

November 15 – The Clubhouse at Las Positas
ACI Construction Awards – Honoring Our Region's Best

December – Date and location to be determined
Holiday Event

January 10 – Grand Sierra Reno
**Joint Meeting with Sierra Nevada Concrete Association
Virginia Street Bridge Project**

February 14 – Chico Masonic Family Center
Student Night with CSU Chico

March 14 – San Ramon Golf Course
**Student Night with SJSU
ACI President Michael Schneider**

April 11 – Sacramento Area
Joint Meeting with SEAOC

May 1 – Granite Bay Golf Club
ACI Golf Classic – We return to Granite Bay!

June 13 - Acampo
Annual Meeting at LangeTwins Family Winery

Contacts for Chapter Events

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ACI FIRST MIX Chapter Newsletter Edited by
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Concrete Industry News

We post selected links from ACI and other sources. If you have a source for industry news, please let us link to it. Thank you.

ACI Concrete SmartBrief:

[Video: New 3D printer could revolutionize prefab concrete](#)

An Australian architect at Laing O'Rourke led the company's design team in creating the FreeFAB 3D, a cutting-edge 3D printer, and full-scale trials with the technology will begin soon. The method combines 3D printing, CNC machining and wax casting, which allows for the construction of unconventional concrete building elements. [3DPrint.com](#)

ACI Concrete SmartBrief:

[Conn.: Failing foundations a natural disaster; FEMA: Nope](#)

More than 34,000 homes in Connecticut have been dealing with crumbling concrete foundations tied to a mineral in the concrete aggregate, and homeowners have been denied insurance claims due to the definition of "collapse." Gov. Dannel Malloy sent a letter to the Federal Emergency Management Agency in April, asking for help for what he suggested is a natural disaster, but FEMA declined, saying it's a consumer-protection issue. ([The Hartford Courant \(Conn.\)](#))

ACI Concrete SmartBrief:

[Photos: Brutalism experiencing a revival](#)

Brutalism brought concrete architecture to the forefront in the 1960s and 1970s, went out of fashion and now is back in style. Its revival is due in part to the idea that brutalism demonstrates "an uncompromising desire to tell it like it is, architecturally speaking." [The New York Times \(free-article access for SmartBrief readers\)](#)

ARI Alert:

[New tech tracks water in concrete](#)

Researchers from [North Carolina State University](#) and the [University of Eastern Finland](#) have developed a new technique for tracking water in concrete structures – allowing engineers to identify potential issues before they become big problems.

Industry Job Opportunities

FORTA Corporation A worldwide leader in synthetic fiber research and development is hiring manufacturers' representatives in our region. [Learn more.](#)

Teichert Materials Seeks experienced lab tech in aggregates, asphalt, and concrete testing for their Vernalis QC lab. [Learn more.](#)

ACI Career Center

[Check out](#) ACI's Career Center for a variety of openings.

CalCIMA Job Listings

[CalCIMA](#) authorized a link for us to their job listings.

[Learn more](#) about the jobs on their site.

Thank You Speakers & Guests Oct. 11!

On October 11, we had a great group of guests at Sacramento's Iron Grill. Ric Maggenti of Caltrans presented research on shrinkage cracking, as documented in Caltrans projects. Specifications define shrinkage limits. Multiple parameters are involved so collaboration among the owner, engineer, supplier, and contractor is essential for reduction.



Ric Maggenti reviewed the historical factors in shrinkage cracking.



He compared costs to fix cracks vs formulating crackless decks.



Tim Daust, VP and Pgm Chair, Ric, and Rowdy Cordero, President.

Congratulations to our raffle winners Kevin Berry and Tony Saracino, who each won a stylish ACI Certification hat and a nice bottle of wine.