

# ACI FIRST MIX

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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

### Our 2016 Winners!

Architectural Category: **Fresno Zoo**  
Fresno / Submitted by Ken Jackson, Builders Concrete

Structural Category: **Samsung America Headquarters**  
San Jose / Submitted by Greg Scott, Webcor Builders

Construction Category: **201 Folsom (Lumina)**  
San Francisco / Submitted by Ryan Smith, Webcor Concrete

Unique Use of Concrete: **Restoration Hall of Records**  
Bakersfield / Submitted by Ashok Kakade, Concrete Science

Green/Environmental Category: **Casa Bella Verde**  
Pilot Hill / Submitted by Nicholas Nikiforuk, ICF Specialist

Each project will be described by a key team member.

### 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

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!*

Rich Vance, 2016 ACI Construction Awards Chair  
and Chapter Past President  
[rvance@lehighcement.com](mailto: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  
Chapter Communications Manager Bob Lema. Send your  
information for the newsletter to [info@aci-ncawnv.org](mailto:info@aci-ncawnv.org).

Northern California and Western Nevada Chapter ACI  
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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.