

THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

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SAVE THE DATES

- ✓ April 7, 2017 ~ **1st Friday Webinar - Drainage Systems**
- ✓ April 19, 2017 ~ Chapter meet and McCook quarry bus tour
- ✓ May 5, 2017 ~ **1st Friday Webinar - Golf Course Design**

About the Speaker: William Graham is the project manager for Vulcan Material's McCook quarry. William will be our speaker for the guided tour we will partake by bus.

Topic: Vulcan Materials excavates in McCook quarry for construction related aggregate. The quarry will eventually be sold to the MWRD as part flood control and inclusion into the deep tunnel project. Stage 1 is scheduled for completion in 2017 (3.5 billion gallons) and stage 2 in 2029 (6.5 billion gallons). As the reservoirs are decommissioned quarries, construction has been delayed by decreased demand for quarried gravel. Upon completion, the TARP system will have a 17.5 billion gallon capacity. Vulcan is the limestone-mining contractor, and MWRD gets a royalty from the sale of the aggregate product. Stage 1 will be operational at the end of the year, and Vulcan will complete mining Stage 1 by the end of March. Vulcan is currently only mining from Stage 2.

CHAPTER MEETING & TOUR

We plan to tour Vulcan Material's McCook quarry by bus.

NOTE: Limited to first 20 RSVPs

Wednesday, April 19th, 12pm

JC's Pub and Ristorante

8650 Joliet Rd, McCook, IL 60525

Cost: \$30 (drinks not included)

RSVP: Dan Grecco
DGreccoD@aim.com
630.745.0524

We plan to meet at JC's for lunch, which will be ordered off a select menu. Due to limited parking, carpooling to the quarry will be necessary. We plan to leave by 12:45pm. Volunteer drivers will get a map of the quarry entrance before departing the restaurant.

President: John Eisele
john.eisele@gza.com

President-elect: Gilbert Goodman
GGoodman717@yahoo.com

VP Professional: VACANT

VP Public Relations: Damir Stasic
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VP Operations: Dan Grecco
DGreccoD@aim.com

Treasurer: Cindy Gustafson
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Secretary: VACANT

ISPE Chapter Representatives:
Dawn Brook, DawnCBrook@gmail.com
Brandon Gorte, BGorte@comcast.net

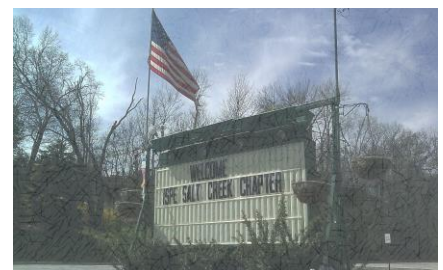
MATHCOUNTS Chairs:
Dawn Brook, DawnCBrook@gmail.com
Dan Grecco, DGreccoD@netscape.net

Engineers Week Chair: Dirk Krueger
dirkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

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PRESIDENT'S MEMO

We need some good ideas for funding our scholarships. At the present level of participation, we can no longer fund the two scholarships as we have done in the past. This year we are not awarding any scholarships. The idea is that in the next few months we can find a method the fund these scholarships which will be sustainable. For this reason, I am asking all members for any and all suggestions for raising the funds. It should be one our continuing goals to assist student engineers as best we can. Thanks, John Eisele, P.E.

MARCH MEETING MINUTES

The meeting of ISPE Salt Creek Chapter was held on March 29, 2017, at the Olive Theory Pizzeria in Downers Grove. The meeting was called to order at 7:30 pm. Attendance was fourteen (PE) members from the Salt Creek Chapter, two PE members from the DuKane Chapter and two IIT students.

Minutes: Ruth Fink-Winter moved to approve the January 29, 2017 minutes as published in the Brine, Brandon Gorte seconded, Motion Approved

Treasurer's Report – No Report

Committee Reports

Mathcounts: John Eisele reported that we had a full number of schools attending and the event went very well.

E-Week: John Eisele reported that there were about 1,500 students and family members that visited the event this year. This was another successful event.

Scholarship: John Eisele reported that the EC decided to not fund the scholarships this year. Cindy Gustafson asked that a committee be formed to provide funding ideas that would sustain the scholarship. At the present time, the Chapter cannot continue to fund the scholarships to the amounts we have done in the past.

ISPE Chapter Representative: Brandon Gorte reported that at the last meeting, NSPE indicated that the membership option for "State Only" would be eliminated. The issue is being negotiated by the State Executive Committee. Bud Hurley stated that the issue would probably be brought to a vote at the National meeting in July.

Old Business – No Old Business

New Business - Slate of Officers: John Eisele listed the nominations for officers for the 2017 and 2018 year:

President - John Eisele President-Elect - Gilbert Goodman VP Operations - Dan Grecco VP Public Relations - Damir Stasic
 Treasurer - Cindy Gustafson VP Professional – Vacant Secretary – Vacant ISPE Representatives - Dawn Brook and Brandon Gorte
 Mathcounts Chairs - Dawn Brook and Dan Grecco Engineers Week Chair - Dirk Krueger Scholarship Chair - Rich Pocius

Cindy Gustafson motioned that the nominations be closed; Ruth Fink-Winter seconded: Approved unanimously.

Cindy Gustafson motioned that the slate of officers for 2017 and 2018 be approved; Bud Hurley seconded: Approved unanimously.

Vulcan Quarry Tour: John Eisele said that our next outing would be the Vulcan Materials quarry tour on April 19, 2017, at 12:00 noon. The event is limited to 20 people. Contact Dan Grecco for a reservation.

Our speaker Steve Schultz, PhD was introduced by Bud Hurley to present "Writing at Work on Engineering Successful Proposals". The major points are as follows:

1. Get the right mindset.
2. Modify each RFP as needed. Each RFP has specific questions that need to be addressed.
3. Write in plain English. Do not use "buzz words".
4. Avoid boasting. Stress the benefits of using your company in the cover letter.
5. Be brief.
6. Use graphics to communicate an idea and not just for cosmetics.
7. Each project team will need to be different. Know when to modify the proposal team.
8. Use an administrator to review the proposal. Don't use all technical people.

Meeting adjourned at 9:15 pm. – John Eisele, P.E.

STEM EXPO 2017 WRAP-UP

Another very successful and well-attended EXPO at Illinois Tech (formerly Illinois Institute of Technology) in Wheaton was held on Saturday, February 25. Illinois Tech reported an attendance of over 2000. The guests, including children and adults, were surprised, educated and busy with the many interactive displays of the participating technical associations, businesses, community organizations and educational institutions.

Check out www.facebook.com/IITSoAT for photos of the event, including some of the Salt Creek Chapter exhibit.

The **Salt Creek Chapter** exhibit included the Huff and Huff, Inc. (now part of GZA GeoEnvironmental, Inc.) interactive environmental engineering display with the prospect of a mini-chocolate bar reward for the eager youngsters! The students learned about topics including ground water, biology, invasive species, and hazardous waste. Our exhibit also had demonstrations of the application of engineering principals to everyday utensils, tools and household objects, as well as the use of gears for rotary to linear conversion, levers, fulcrums, and springs. Series and parallel electrical circuits were demonstrated, in addition to gear motors, electromagnets and permanent magnets. For fun, a Van De Graaff static electricity generator provided shocking amusement for young and old alike!

The **Salt Creek Chapter** display was staffed by **John Eisele, Darryl Carstensen, and Roger Klocek from Huff and Huff, along with Norm Gutauckas, Bud Hurley, Rich Symns and Dirk Krueger.** As in past years, Norm demonstrated his divining rod and his vast knowledge of what I affectionately call “voo-doo engineering.” **Thanks** to all those folks for their participation. We were also pleased to see Salt Creek Chapter past-president Tony Banasiak, with his son, touring the exhibits.

The goal of the EXPO is to create interest in engineering and science education, and future careers. The contribution of the staff at IIT West and the many volunteers went a long way to achieving this goal.

Dirk Krueger, P.E., Salt Creek Chapter EWeek Chairman

HUGE thanks to 2016-2017 chapter meeting speakers...

Steve Schultz, Ph.D., Writing at Work, Inc.

Eric Kara, Kara Company in Countryside, Illinois

Brian Zeeck, Hinshaw & Culbertson LLP

Glenn Clayton, Illinois Concrete Pipe Association



ENGINEERS CREED

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge to:

Give the utmost of performance.

Participate in none but honest enterprise.

Live and work according to the laws of man and the highest standards of professional conduct.

Place service before profit, the honor and standing of the profession before personal advantage and the public welfare above all other considerations.

In humility and with need of Divine Guidance, I make this pledge.



Salt Creek MATHCOUNTS co-chair Dawn Brook awards this year's top individual scorer.

SALT CREEK CHAPTER PAST PRESIDENTS

1959-60	Dale V. Hammond	1960-61	Wayne M. Reed	1961-62	Clifford Kreelman
1962-63	Merl Mouser	1963-64	Richard V. Doherty	1964-65	Fred H. Sanneman
1965-66	Paul E. Flood	1966-67	Howard M. Rayner	1967-68	Richard O. Mitter
1968-69	John D. Eyestone	1969-70	Orville L. Meyer	1970-71	William Lazzari
1971-72	William Macarus	1972-73	William Cumming	1973-74	Alden T. Wulff
1974-75	Roy W. Morling	1975-76	Edward Stec	1976-77	David A. Dunn
1977-78	Larry VandeWalle	1978-79	James Valancius	1979-80	Edward Slindee
1980-81	Jack Stansbeary	1981-82	Thomas R. Kaar	1982-83	Dan Nelson
1983-84	Robert W. Cutter	1984-85	Randall W. Bus	1985-86	Joseph H. Rush
1986-87	Claude H. Hurley	1987-88	Carl F. Roth	1988-89	Gilbert Goodman
1989-90	Linda Huff	1990-91	Thomas Palansky	1991-93	Thomas Miller
1993-94	Arthur K. Banks II	1994-95	Richard Kipp	1995-97	William Lindley
1997-98	Craig Knoche	1998-00	Ronald Kuhlmann	2000-01	Douglas Criner
2001-02	Phillip Wolf	2002-03	Richard Pocius	2003-04	Anthony Banasiak
2004-05	Norman Gutauckas	2005-06	Claude H. Hurley	2006-07	Dale Durfey, Jr.
2007-08	Glenn Clayton	2008-10	Dan Grecco	2010-11	Gary Emore
2011-12	Frank Lech	2012-13	Richard Symns	2013-14	Leo Moritz
2014-15	Brandon Gorte	2015-16	Dawn Brook		