

THE BRINE

ISPE-SALTCREEK.ORG

SAVE THE DATES

- ✓ March 3, 2017 ~ 1st Friday
Webinar - Washington Park Bridges
Project Profile
- ✓ March 4, 2017 ~ 2017 State
MATHCOUNTS Competition
- ✓ March 11, 2017 ~ ISPE Board
Meeting

CHAPTER MEETING

Wednesday, March 29th, 7pm-9: 30pm
 Steve Schultz of Writing at Work on
 Engineering Successful Proposals



1400A Butterfield Road
 Downers Grove, IL 60515
 Phone: 630.519.5152
OliveTheoryPizzeria.com
 Cost: \$30/person (plus cash bar)
 RSVP: Gilbert Goodman
GGoodman717@yahoo.com

OFFICER NOMINATIONS

It is that time of year when we need to present a slate of candidates for the officers for the next year. Please let any of the present officers know if you are interested in serving either as an officer or on a committee. We need to present the slate for our March meeting so that a vote can be taken at the April meeting. It would be great to have some of the members that have not participated in this way up to now, step forward and help the Chapter. Please consider it.

John Eisele

President: John Eisele, PE
john.eisele@gza.com

President-elect: Gilbert Goodman
GGoodman717@yahoo.com

VP Professional: VACANT

VP Public Relations: Damir Stasic
PESparky@aol.com

VP Operations: Dan Grecco
DGreccoD@aim.com

Treasurer: Cindy Gustafson
c.gustafson@sbcglobal.net

Secretary: VACANT

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

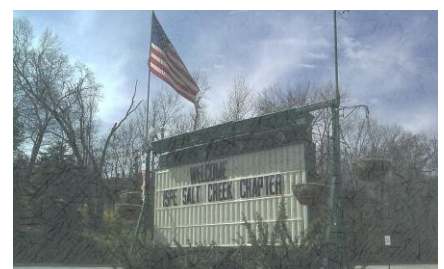
MATHCOUNTS Chairs:
 Dawn Brook, DawnCBrook@gmail.com
 Dan Grecco, DGreccoD@netscape.net

Engineers Week Chair: Dirk Krueger
dirkkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

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- 4 HIDDEN FIGURES



PRESIDENT'S MEMO AND MINUTES

We had our annual joint chapter meeting with the DuKane chapter on January 26th. At the end of the meeting, it was suggested that we should consider having joint meetings more than once a year. This is food for thought. Meeting with other chapters would offer a variety of meeting locations, possibly different speakers along with the opportunity to meet other professionals. I am thinking that having a joint meeting two times during the year could also help with our membership and attendance at meetings. Please let me know your thoughts on the matter.

Thanks, John Eisele, P.E.

JANUARY 2017 MEETING MINUTES

Joint meeting of ISPE Salt Creek Chapter and DuKane Chapter on January 26, 2017. Meeting was held at The Turf Room in North Aurora. The meeting was called to order at 7:45 pm. Thirteen (PE) members from the Salt Creek Chapter attended.

For the Salt Creek Chapter portion of the meeting, John Eisele reviewed announcements regarding the MATCCOUNTS event on February 11 and the E-week event on February 25, 2017. Anyone interested in helping with either of the events should contact Dawn Brook or Dan Grecco for MATHCOUNTS and Dirk Krueger for E-week.

John Eisele also announced that due to the speaker's schedule, there would not be a February chapter meeting but it would be held in the early part of March.

Old Business – No Old Business to report

New Business

Our speaker Glenn Clayton was introduced to present "Climate Change". The major points are as follows:

1. Energy must be abundant, affordable, reliable
2. Part of the environmental impact of energy is to provide a comfortable environment for us to live
3. In 2013, 82% of all energy was provided by using fossil fuel.
4. In 2015, the increase in renewable energy was about 0.2%
5. Presently, we have about 10% of all energy is from renewable sources.
6. Even if we stopped using oil for transportation, there are still about 2,000 items or processes that use petroleum products.
7. The Clean Power Plan to get the US off of coal generation is now in limbo.
8. 93% of all the carbon dioxide is not man made.
9. 11/2 times the total amount of US coal powered generating plants will go on line worldwide within the next 5 years.
10. In the last 30 years, air pollution in the US has decreased by about 60% due to technology improvements.
11. Tropical storms have not increased in numbers over the long term.
12. The earlier storm models have not been adjusted to include the latest data, which vary from the predicted values.

Meeting adjourned at 8:45 pm. – John Eisele, P.E.

Writing at Work: Engineering Successful Proposals

Steve Schultz, Ph.D.

When over 50 engineering firms submit proposals for a small roadway project in your county, how can you ensure that your firm makes it to the short list? Decision-makers, pressed for time and wading through a pile of proposals that all sound alike, can easily overlook the key items that prove your firm is the one for the job.

Combining the best of technical writing and marketing, this presentation focuses on how to write persuasively to set your company apart from the competition and avoid the common mistakes that send proposals to the discard pile. If you contribute to proposals in any way—or want to pick up tips on how to write persuasively—don't miss this event.

About the Presenter

Steven Schultz, Ph.D., is the president of Writing at Work, Inc., the consulting company he started in 1985 that provides writing and editing services, along with training in writing, communications, and leadership.

As an editor and writer, Steve has helped many Illinois and national engineering and consulting companies develop proposal strategies and marketing materials for responding to RFPs and attracting new business. His work on proposals has contributed to winning transportation and other capital development projects in Arizona, California, Illinois, Ohio, and internationally in Canada, Hong Kong, and Abu Dhabi. Steve writes and edits other high-profile technical documents, such as civil design reports, master plans, project definition reports, and environmental impact statements.

Steve also designs and conducts many in-house seminars to improve the writing skills of technical professionals, whether working for consulting companies or government. Participants in his seminars consistently state how they have benefited from Steve's interactive presentations and practical strategies to apply directly for immediate results.

Steven P. Schultz, Ph.D.



Writing and Editing Services
Employee Development
Leadership & Communications

Chicago: 773-725-6832 Tampa: 813-854-1999
Website: writingatworkonline.com

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.



Storyline

As the United States raced against Russia to put a man in space, NASA found untapped talent in a group of African-American female mathematicians that served as the brains behind one of the greatest operations in U.S. history. Based on the unbelievably true life stories of three of these women, known as "human computers", we follow these women as they quickly rose the ranks of NASA alongside many of history's greatest minds specifically tasked with calculating the momentous launch of astronaut John Glenn into orbit, and guaranteeing his safe return. Dorothy Vaughan, Mary Jackson, and Katherine Johnson crossed all gender, race, and professional lines while their brilliance and desire to dream big, beyond anything ever accomplished before by the human race, firmly cemented them in U.S. history as true American heroes. *Written by [20th Century Fox](#)*

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		

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