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Upcoming ASCE Events

- October 13**
 ASCE Monthly Luncheon
- October 13**
 Younger Members Meeting
- October 15**
 EWRI Monthly Speaker
- October 16**
 SEI Day
- November 6**
 Geoconfluence 2015



October Luncheon

11:15 am to 1:00 pm, Tuesday October 13, 2015

I-70: The Road to Tomorrow

Speaker: Tom Blair, PE

Topic

On June 3, the Missouri Highways and Transportation Commission announced its intention to make Interstate 70 across the midsection of our state available to the nation and the world as the laboratory to construct the next generation of highways. Called “Road to Tomorrow,” the MHTC has issued a call for private industry, entrepreneurs and innovators to bring their products and ideas to the birthplace of the interstate highway and join MoDOT in a collaboration to build the first section of the highway to the future. Just as Lincoln, Kennedy and Eisenhower had no idea of the details of how their dreams would be accomplished, Missouri has no preconceived plan. It’s only appropriate that the re-birth of the interstate highway begin at its birthplace.

At a time when the nation and Missouri wrestle with how to fund reconstruction of this great interstate system, this effort must be focused not only on new technologies but new means of funding construction.

Bio

Tom Blair is serving the St. Louis Metro District as the Missouri Department of Transportation’s Assistant District Engineer responsible for Operations. He is responsible for leading all maintenance operations, traffic engineering, and real-time transportation services (such as Motorist Assist). In his capacity he works with multiple external partners in an effort to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri. Tom holds a Civil Engineering Degree from Iowa State University and a Master’s Degree in Engineering Management from Missouri S&T.

Details/Reservations

Reservations can be made at the following link to the right:
 Cost: \$15/person, students \$5, members in transition \$5
 (checks payable to ASCE).

Contact Kurt at the Engineers’ Club for reservations by noon
 the Friday before the event. Phone: 314-533-9333, fax:
 314-533-9336, email: kurt.krispin@engineersclub.net



<http://goo.gl/MZH7R>

ASCE is charged for all reserved lunches. If you’ve signed up and can’t make it, please cancel with Kurt by Friday before the meeting or we will have to charge you for the meal. 1 PDH is typically awarded to attendees.

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Shawna Erter



President's Message

Michael Buechter

It is with humility, gratitude and excitement that I begin to serve as President of the St. Louis Section of ASCE. I found it particularly enjoyable to begin this role at the section's annual dinner, September 25th, in the company of our talented scholarship and award winners. I also share many thanks with Melantha Norton for organizing this wonderful event.

Over the years, St. Louis has produced many outstanding Civil Engineers such as James B. Eads and Leif J. Sverdrup. The St. Louis Section of ASCE has continued in this vein and at our annual dinner we were privileged to recognize two national award winners from our Section, Dr. Robert Holmes and Melantha Norton (there is that name again). So this is why it is with humility that I attempt to continue the heritage of our Section and serve our members, but opportunities for service abound! We currently have openings on various committees such as Membership and Attendance. These provide great ways to become familiar with the Section and its members, if you will consider these openings I ask you call or email me, 324-768-2772 or mtbuec@stlmsd.com. Many rewards can spring from service to the Section, get involved and remember the words of James Eads, "Fortune favors the brave...drive on is my motto."

At the annual dinner we also took the opportunity to acknowledge the service of our current Past-President Shawna Erter. Shawna is just one of our many Past-Presidents, many of whom stay active and support our Chapter in a myriad of ways. Past-President and current Governor, Elise Ibendahl took time from her schedule and joined many of our committee chairs and board members this past August to review and update our Strategic Plan. Many great ideas were provided and the input was poignant and valuable. It always takes much work and some sacrifice for our talented members, committee chairs and board members to provide generous scholarships, to win awards and to participate in events like these. Many of these people have provided support, assistance and advice to me over the years and it is with them, my family and employer that I share my gratitude.

Current events remind us our region faces many challenges. ASCE has responded directly to many of these challenges with three exciting initiatives that provide a framework for thoughtful action. These initiatives are: Infrastructure, propose practical solutions to improve America's neglected infrastructure; Raise the Bar, establish educational and legal standards necessary to prepare professional engineers to address the future's most pressing challenges; and Sustainability, embrace Civil Engineers' role as contributors to a sustainable world. While our regional challenges may be more familiar to us they unfortunately are common elsewhere. So these challenges and ASCE's initiatives provide us an exciting opportunity to think globally and act locally.

Civil Engineering gained much recognition in the Victorian era, especially in the United Kingdom, where the likes of Joseph Bazalgette and Isambard Kingdom Brunel constructed more than 1,000 miles of brick sewer under London's streets. These sewers answered the needs of their own day so well that many of them stay in use today. While the answers to today's challenges may require different approaches, Engineers of all stripes must play a

part—it's time to resurrect our inventiveness. It's a simple adage, but "doing more with less" leads to creative engineering. In the words of James Eads, "The man who can by his inventive genius cheapen light or heat or the supply of water to the masses is greater than a general." So join ASCE, get active, save the world!

Essayons! (Motto of the U.S. Army Corp of Engineers, Let Us Try!)

Michael T. Buechter, PE

ASCE St. Louis Section Annual Dinner 2015

ASCE ST. LOUIS SECTION SCHOLARSHIPS

Letters of recommendation for all four college scholarship recipients confirm the caliber of this year's college scholarship recipients. In addition to notes of high academic achievement, common words used by their nominees to describe them include being contagiously passionate about civil engineering, hardworking, professional, competent, ethical, enthusiastic, conscientious, organized, focused, dedicated, and respectful. It is very apparent that all four have a strong sense of purpose and good communication skills, which contribute to making them strong leaders with great character. Common themes of service, high levels of involvement, and working for the common good are clearly present in all four winners. To loosely quote one of the nomination letters, these students are true advocates for civil engineering and rising professionals. The Section Scholarship Awards were presented by Past President Marc Bacchetti.

EMILY PETERSON

SOUTHERN ILLINOIS UNIVERISTY CARBONDALE



MELISSA MARKS

SAINT LOUIS UNIVERSITY



VIRGINIA TRAUTH

UNIVERSITY OF MISSOURI-COLUMBIA



Not able to attend:

**KELLY KECKEMEYER, MISSOURI UNIVERSITY OF
SCIENCE & TECHNOLOGY**

**CORY KOLTVEIT, SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE**

2015 MIKE ALIZADEH / GEOTECHNOLOGY SCHOLARSHIPS

The Mike Alizadeh scholarship is awarded due to a generous endowment by the Alizadeh family, in recognition of pursuing a Master's Degree in Civil or Geological Engineering with a geotechnical or environmental emphasis at a Midwestern university.

First Place: CASSIE DUMOULIN, UNIVERSITY OF ILLINOIS

Second Place: BEN DAVIS, UNIVERSITY OF ARKANSAS

2015 STRUCTURAL ENGINEERING INSTITUTE SCHOLARSHIPS



This scholarship is provided by the St. Louis Section's Structural Engineering Institute in recognition of pursuing a Master's Degree in Civil Engineering with a structural emphasis at a Midwestern university.

Samantha Wermager from the University of Missouri Science and Technology receives the 2015 Structural Engineering Institute Scholarship. The scholarship was presented by Chad Schrand

PROFESSIONAL RECOGNITION AWARDS

Jordan Pettibone - Young Engineer Award for Professional Achievement

The Young Engineer Award recognizes professional contributions of younger members to the Society and to the St. Louis Section and is presented annually to a Member of the St. Louis Section of ASCE who is judged to have attained significant professional achievement, and who is less than 35 years of age. This year's Young Engineer Award for Professional Achievement goes to Kyle Tabor.

Jordan earned a Bachelor's of Science in Civil Engineering from the Southern Illinois University Edwardsville in 2007. While in Edwardsville, Jordan started his activity with ASCE as the student chapter treasurer for two years and participation in the concrete canoe and steel bridge teams. Jordan is a registered Professional Engineer in Illinois and Missouri.

Since 2009, Jordan has worked at Horner & Shifrin and has been a very active member of ASCE's Younger Members Group. He has attended the Younger Member Council in 2010, 2011 and 2012, and returned as a speaker in 2014. Serving as the Younger Members Chair from 2011-2013, Jordan helped the St. Louis Section receive the Outstanding Section of the Year Award both years. Under his leadership, the group executed 5 public outreach activities, and Jordan spearheaded and planned 2011 Career Path Forum for Younger members and students. Jordan continues to be an active member of the YMG with work on the YMG Trivia Night planning committee and he helped bring Multi-Regional Leadership Conference (MRLC) to St. Louis and worked on the planning committee.

Professionally, Jordan has worked on a wide variety of transportation projects, including work on the design team for engineering plans for improvements at Interstate 270 & IL Route 3 for IDOT which earned the 2012 ACEC-IL Special Achievement Award. The project, which was on a very short time schedule, included changing a Diamond interchange to a semi-clover interchange. Jordan was also the Project Engineer for the IL 3 in Waterloo project to convert a 2 lane highway



Jordan Pettibone receives the Young Engineer Award for Professional Achievement from Shawna Erter

to 5 lanes. The project followed IDOT's Context Sensitive Solutions (CSS) process, included Monroe County's first roundabout and involved enhanced public participation

In his community, Jordan is on the Village of New Baden, IL Parks and Recreation Board where he spearheaded development and implementation of the park and civic master plan.

Marsia Geldert-Murphey - Professional Recognition Award

The Professional Recognition Award recognizes the importance of professional attainment in the advancement of the science and profession of engineering and is presented to a Member of the St. Louis Section of ASCE who has made substantial contributions to the engineering profession and the St. Louis Section. This year's Professional Recognition Award goes to Marsia Geldert-Murphey.

Marsia has over 20 years of experience directing and supervising geotechnical projects, primarily associated with utilities, transportation and site development. She has directed the preparation and execution of many public involvement plans. She is recognized for her negotiation and crisis management skills and, therefore, has served as quality assurance officer or in an executive advisory capacity for numerous projects.

Her career spans from working at the Illinois Department of Transportation for 8 years to being Vice President of SCI Engineering from 2000-2006. In 2006, she built an entrepreneurial venture, Kaskaskia Engineering Group, from start-up to \$8M in revenue in five years. Due to her compassionate leadership style and technical abilities, she led many large-scale civil engineering projects in the region. In 2012, she sold her first start up to her business partner. In 2013 she formed Sequoia Engineering & Environmental, Inc. Marsia is also an experienced speaker addressing a wide variety of audiences on leadership, entrepreneurial pursuits and civil engineering as a career.

Marsia was chosen as one of the St. Louis Business Journal's Most Influential Business Women of 2010 for her commitment to the St. Louis Region, and her strong presence in the engineering community. Also in 2010, Marsia received the Smart Women, Smart Money Women on the Rise Award from the Illinois Treasurer's office, an award that is given annually to women whose success as business owners makes them a role model for other women in their community.

In addition to her professional leadership, Marsia has been very active in ASCE since college. In the St. Louis Section, Marsia served all the offices culminating in President in 2005-2006. Marsia has continued her contributions to ASCE both nationally and regionally, serving on National's Committee on Diversity and Women in Civil Engineering, and Public Policy Committee. She has most recently served as the Region 7 Governer-At-Large.

Marsia is also active in the community, having volunteered for the Women's Safe House, Blessing Basket Project, and United Way. She manages all of this while being a wife and mother of two, and one of her craziest accomplishments is competing with a team in the Tough Mudder competition!

Michael J. Griffin – Otto Nuttli Award

The Otto Nuttli Award is presented to an individual who has made a significant contribution to the knowledge of earthquake engineering or the awareness of the impacts of earthquakes on the public sector. The namesake for the award, Otto Nuttli, was an earthquake expert professor of geophysics at St. Louis University. Professor Nuttli's work on the New Madrid Seismic Zone made the profession and public of the significant seismic hazard in the Midwest. This year's Otto Nuttli Award goes to Michael J. Griffin.

Mike is currently a Principal and partner in CCS Group, Inc. in Chesterfield, MO and has over thirty years of extensive experience in the assessment of natural hazards – earthquake and high wind, for structures and nonstructural components. He is considered an industry expert and has worked extensively in the Midwest, west coast and Puerto Rico performing earthquake risk assessments and subsequent structural strengthening designs to reduce risk. Mike has authored numerous papers addressing earthquake risk to



Marsia Geldert-Murphey receives the Professional Recognition Award from Shawna Erter



Michael Griffin receives the Otto Nuttli Award from Chad Schrand and Shawna Erter

nonstructural equipment and systems and has been served on several projects associated with the seismic hazards with the Applied Technology Council (ATC) and FEMA. He also has an extensive background in conducting post-earthquake and hurricane damage investigations, as well as being a key investigator for the development of Earthquake Experience Data for the assessment and mitigation of risk to nonstructural equipment and systems.

Mike has devoted an extensive amount of personal time and commitment to improving seismic safety in schools within Missouri. He has volunteered his time for on-site reviews, evaluation and design of nonstructural components for seismic safety in several schools in southeast Missouri. His volunteer efforts for advocating school seismic safety continue as he is currently the Team Leader under the Missouri Seismic Safety Commission program to understand the seismic safety of schools in Missouri.

His volunteer efforts extend beyond his involvement with school seismic safety. He volunteers his time and effort as a Board Member and one of the principal trainers for the Missouri SAVE Coalition for the post-earthquake and high wind damage assessment program within the State.

St. Louis Section Project of the Year – I-270 Canal Crossing: Renewing Bi-State Mobility

Civil Engineering achievement within the St. Louis Section is recognized annually by ASCE with the selection of a “St. Louis Section Project of the Year Award”. The Award is given for achievement—not to an individual—so that the many individuals who have worked on the project are recognized as having contributed. Basis for the Award is “an engineering project that demonstrates the greatest engineering skills, and represents the greatest contribution to civil engineering progress and mankind”. This year’s Project of the Year Award goes to the I-270 Canal Crossing: Renewing Bi-State Mobility project for the reconstruction of the twin I-270 bridges over the Chain of Rocks Canal near Granite City, IL. The project owner is the Illinois Department of Transportation. The lead engineering design firm is HDR Engineering. The general contractor is Walsh Construction Company.

The twin truss bridges that carried I-270 over the Chain of Rocks Canal were built in 1963 by the same firm that designed the I-35W Bridge in Minneapolis that failed in 2007. The bridges serve as a major interstate and St. Louis Area commuter link between Illinois and Missouri, with an average annual daily traffic count of 54,700 vehicles and 20% truck traffic. The bridges cross the canal that acts as a Mississippi River Bypass for all barge traffic traveling through St. Louis. Due to the many impacts to the traveling public, IDOT and HDR worked collaboratively to study and design the replacement bridge in a condensed 24-month schedule. The bridges were completed and opened to traffic in 2014, which has brought new functionality and aesthetic enhancements to a primary gateway between the two states. The new bridge represents the largest steel plate I-girder bridge in Illinois.

Due to the I-35W collapse, HDR also inspected the old bridges annually to ensure that the structural integrity was sufficient during design and construction of the new bridges, identifying rehabilitation requirements to keep the structures serviceable in the near term. Since construction funding was not secured at the time, HDR developed a solution to construct the bridge in phases as funding became available.

The Chain of Rocks Canal is bounded by two US Army Corps of Engineers levees. One of the critical pier locations was within the east levee. This required a compromise with USACE to relocate a portion of the levee, which provided a secondary resiliency benefit to the public for flood protection and bridge safety.

Despite these challenges and others posed by the existing levee impacts, the design and construction went well with no significant incidents.



**Project of the Year Award presented by Shawwna Erter
Owner: Illinois Department of Transportation
Engineer: HDR Engineering
Contractor: Walsh Construction**

ASCE Region 7 Director Jay Burress Recognizes the St. Louis Section Regional and National Award Winners



**Congratulations to Melantha Norton!
Region 7 Outstanding ASCE Younger Member Award
AND ASCE Edmund Friedman Young Engineer Award
for Professional Achievement**



**Congratulations to Robert Holmes!
ASCE Government Civil Engineer of the Year Award**

Installation of ASCE St. Louis Section 2015-2016 Officers



Officers sworn in for 2015-2016 by Region 7 Director Jay Burress, include (left to right) Michael Buechter (President), Matt Harper (President-Elect), Chad Schrand (Secretary), Brent Vaughn (Treasurer), Shawna Erter (Past President), Alison Graves (Director of Prof. Development), John Weiland (Director of Administration), and Jordan Pettibone (Director of Technical Development).



Passing of the gavel from Shawna Erter to Michael Buechter



President Buechter closes the dinner



EWRI St. Louis News

EWRI St. Louis Monthly Speaker Series Event

The St. Louis Section of EWRI is pleased to announce our fifth webinar **jointly sponsored by Missouri University of Science and Technology on Thursday, October 15, 2015 at 11:30 am-12:30 pm**. Chuck Morris Professor Emeritus at Missouri S&T, engineering consultant with Benton and Associates, and forensic engineering consultant for Hydro-Engineers, LLC will discuss Hydrologic Modeling of Flash Floods. Dr. Morris' presentation will be broadcast live over a webinar. Registration is free for in-person (at USGS in Rolla) or **October 9, 2015**. Please register online in advance at the following link:

https://docs.google.com/forms/d/1ddRCRzE7QrmafJHyJs5EJV_JvIMRd3ycFpB3tDk8BQA/viewform?usp=send_form

Registrants will receive login & dial-in information or directions for in-person attendance prior to the event.

EWRI October Speaker Series Topic: Design Storms for Hydrologic Modeling

A logical question is, do variations in time distribution of rainfall models have substantial effect on runoff computation? Yes, it does; because the runoff and its exceedance probability is affected by many factors including rainfall intensity and duration, and other climatic conditions. Some real, measured effects of the time distribution of rainfall will be presented. Additionally, some misperception and un-intended consequences on design storm conservatism will be discussed.

Speaker: Dr. Charles Morris *Charles "Chuck" Morris, PhD, P.E. is a Professor Emeritus at the Missouri University of Science and Technology, engineering consultant for Benton and Associates, Inc, and forensic engineering consultant for Hydro-Engineers, LLC. Dr. Morris has diverse experience in water resources engineering ranging from design of water distribution systems and pumps to hydrology and open-channel hydraulics problems. Dr. Morris has authored numerous papers and reports in the areas of water resources engineering. He earned Bachelors and Masters degrees in Civil Engineering from the University of Missouri and a PhD in Civil Engineering from the University of Illinois.*

Thank you to our joint seminar sponsor, **Missouri University of Science and Technology!**

Please contact Dr. Robert Holmes (bholmes@usgs.gov) or Terry Entwistle (terry.entwistle@aecom.com) with any questions, if you are interested in presenting, or have an idea for a topic.



ASCE Younger Members

October YMG Meeting:

Tuesday, October 13, 2015

Trainwreck Saloon

314 Westport Plaza Dr. 63146

6 pm to 8 pm

http://westportplaza.trainwrecksaloon.com/index.php?option=com_content&view=featured&Itemid=101

Networking Events



SEI Day - 2015



**STRUCTURAL
ENGINEERING
INSTITUTE**

St. Louis Chapter



Friday, October 16, 2015

7:45 AM - 5 PM

**Masonry Institute of St. Louis
1429 S. Big Bend Blvd.
St. Louis MO 63117**

Schedule of Events

7:45 - Registration & Exhibit Hall Opens

8:15 - SEI Keynote Address: Qualifications of Future Structural Engineers - A Case for Change
Don Dusenberry, PE, Fellow SEI - Past President of SEI, Sr. Principal SGH Inc.

9:00 - Gateway Arch: Close-up Investigation of the Visible Stains on the Stainless Steel Skin
Christine M. Freisinger, PE, SE - Wiss, Janney, Elstner Associates, Inc.

9:45 - Break to Visit Exhibit Hall

10:15 - Integral Abutment Bridges: Behavior, Design, and Ongoing Research
Joe Riddle - Engineering Systems, Inc.

11:00 - Jacking Details to Replace Expansion Bearings for the Truss Bridge over the Illinois River
Chad Hodel, PE, SE - WHKS & Co.

11:45 - Lunch & Exhibit Hall Networking

12:30 - What Structural Engineers Should Know About Building Above Underground Mines
Gennaro G. Marino, PhD, PE, D.GE - Marino Engineering Associates, Inc.

1:15 - Parking Garage Corrosion Mitigation & Rehabilitation
Tore O. Arneson, PE, SE - Vector Corrosion Technologies, Inc.

2:00 - A Historical Perspective on Deep Foundation Construction in the St. Louis Region
Lyle Simonton, PE - Subsurface Constructors

2:45 - Break to Visit Exhibit Hall

3:15 - Alaska's Northern Rail Extension: Tanana River Bridge
Howard Gotschall, PE, SE - Hanson Professional Services Inc.

4:00 - Rehabilitation of the Ha Ha Tonka Castle - the Snyder Mansion
Phillip Shinn, PE - Jacobs

4:45 - Questions & Evaluation

Cost:

\$125 - Early Bird before October 1st

\$150 - Regular Registration

Registration: <http://seiday2015.eventbrite.com>

Seating is Limited

Questions to Randall Bernhardt

Email: rpbernhardt@esi-mo.com Phone: 636-24





The 2015 Saint Louis Small Business Symposium

The Society of American Military Engineers (SAME) St. Louis Post, in partnership with the Missouri Procurement Technical Assistance Center (MO PTAC), Small Business Administration (SBA), and the St. Louis Minority Business Council, is hosting the 2015 Small Business Symposium on "How to Do Business with the U.S. Army Corps of Engineers."

When: Friday, October 23, 2015

Time: 8:00 AM – 1:00 PM

Where: Engineering Center of St. Louis

4359 Lindell Blvd.

St. Louis, MO 63108

Admission: Free

The purpose of the symposium is to provide St. Louis- and Missouri-based contractors with information on the interrelationship of doing business with the U.S. Army Corps of Engineers. Contractors that have a construction or environmental background may find this event especially useful; however, all contractors are encouraged to attend.

There are speakers planned throughout the morning and they will be available for a one-on-one session afterwards; to include representatives from the Corps of Engineers as well as from the other organizational participants in this symposium.

Register at:

<https://www.eventbrite.com/e/st-louis-mo-small-business-symposium-tickets-18676769721>

We look forward to seeing you at this fantastic event. Please hurry as space is limited.



REGISTER TODAY!

Geoconfluence 2015

November 6, 2015

Geotechnical and Geo-Environmental Conference

St. Charles Convention Center

St. Charles, Missouri

The St. Louis Chapter of the Geo-Institute is pleased to announce that registration is open for the fifth annual GeoConfluence. This is a full day conference focusing on geotechnical engineering and geo-environmental technical and case history topics. This one-day conference is open to all and is scheduled for Friday, November 6, 2015. The conference will begin at 8:00 AM and conclude at 4:30 PM. Doors open at 7:15 for registration and the included continental breakfast. Registration also includes full buffet luncheon. Attendees will earn **7 PDHs**.

Tentative Agenda

- “Evaluation of Soil Liquefaction: How Far Have We Come in the Past 30 Years?” - Dr. Peter Robertson, H. Bolton Seed Medal Lecture
- “2014 SR530 Landslide – a Mechanical Interpretation of Initiation and Movement” - Dr. Timothy Stark, University of Illinois
- “Lessons Learned in 30 Years as a Geotechnical Specialty Contractor” - George Burke, Hayward Baker
- “History of Tunneling in the St. Louis Region” – Everett L. Litton, Parsons Brinckerhoff
- “Implementation of Vibro Ground Improvement and Earth Retention for the Streets of St. Charles Development” – Lyle Simonton, Subsurface Constructors
- “Innovations in Monitoring, Data Management, Analysis, and Visualization for Complex Geotechnical Projects” – Paul Thurlow, Getec
- “Avoiding Karst by Getting Under It: Jefferson Barracks Tunnel, St. Louis”, Jack Raymer, Jacobs Engineering
- Two Graduate Student Research Overviews

Geoconfluence 2015 Registration Form



Geotechnical & Geo-Environmental Conference
Friday, November 6, 2015; St. Charles Convention Center, St. Charles, MO

- Please register online at the following website or follow the instructions below and submit completed form and payment to Greg Hempen at the address listed.
<http://events.constantcontact.com/register/event?llr=yonzmehab&oeidk=a07eb1gyvwr69c58f11>
- Please complete the registration form below. Enter the names of individuals being registered (add rows if necessary). Exhibitors and Sponsors may wish to contact Lyle Simonton, 314-421-2460, x101, lsimonton@subsurfaceconstructors.com, for benefits of their registration. Please register by **Thursday, October 15, 2015**. *Registration after October 15 and walk-ins are welcome, but may receive fewer benefits as their attendance cannot be planned.* **Refunds will be provided only if requested within 15 days of the event. Any refund will be subjected to a 15% cancellation fee.**

Contact information:

Name: _____ Phone: _____

Firm: _____ Email address: _____

Registration Class	# Attending	Cost	Total Cost
Professional by Th, 15 OCT 15		\$175	\$
Full-time Students by Th, 15 OCT 15		\$60	\$
Professional Late and Walk In Registration		\$225	\$
Student Late and Walk In Registration		\$100	\$
Exhibitors		\$400	\$
Break Sponsorships (not a registered attendance)		\$250	\$
Lunch Sponsorship		\$500	\$
TOTAL		-	\$

#	Names of registrants	#	Names of registrants
1		2	
3		4	
5		6	

- Email this completed form with the subject line “Geoconfluence 2015 Registration” to both hempen69@sbcglobal.net and pmk@shanwil.com on the same day that you mail your check.
- Please make a copy of the completed form and mail it with the check to the payee of “**ASCE – St. Louis Section**” for the total registration cost to the address below. Note, payment must be postmarked by Thursday October 15, 2015 to receive the early registration discount. Late (check) registration ends with postmarked by Thursday October 29, 2015.

Geoconfluence 2015 Registration
c/o Greg Hempen
56 Montague Court
St. Louis, MO 63123-3459

SIUE Mentor Program

Mentor Fact Sheet

The Southern Illinois University Edwardsville Mentor Program provides an opportunity for students and professionals to connect in positive one-on-one mentoring relationships. Through the program, professionals can enhance the quality of a current student's academic experience by interacting, exchanging ideas, and sharing their career experiences and knowledge with future SIUE graduates.

Who can Become a Mentor?

We are looking for professionals who have a minimum of a Bachelor's Degree and have at least 3 years of professional experience.

How Much Time Is Required to Be a Mentor?

We know how busy professionals are, and we do not want your participation in this program to hinder your day-to-day routine or conflict with your other commitments. Whether it be a one-time meeting or an ongoing partnership – we can use your expertise in helping foster student's professional development. The amount of time you commit is up to you and your mentee. Therefore, we have made this program as adaptable and user-friendly as possible.

What If I Live Outside of the Edwardsville Area?

Keep in mind that mentors do not need to live in close proximity to SIUE or to their student in order to participate in the program - a mentoring relationship built solely on email, phone calls, Skype, etc. can be just as effective as mentoring a student in person. The basic objective of mentoring is to encourage and assist in the development and growth of a student.

What Is Involved in a Mentoring Relationship?

Each mentoring relationship will be different because of the student's development level, the student's needs, his or her career interests and a mentor's strengths and talents. A mentor can provide a wide variety of assistance to students including:

- Career advice and networking tips
- Introductions to new people, places, interests and ideas
- Encouragement in defining career goals and the development of a plan of action to reach those goals

How Can I Get Involved?

If you are interested in serving as a mentor and working with a current student, simply go to the SIUE Career Development Center website at www.siu.edu/careerdevelopmentcenter/ Click on 'mentor login' and the select 'click here to register'.

The SIUE Mentor Coordinator will contact you after you have completed your online registration.

For more information, please contact us at:



Career Development Center

0281 Student Success Center

618-650-3708

careerdevelopment@siue.edu

www.siu.edu/careerdevelopmentcenter



Engineering Education Center



"I selected Missouri S&T for
convenience, affordability,
and the quality of education."

*Mirna Palavric, EMgt*12*



Working professionals know the value of an education from Missouri University of Science and Technology's Engineering Education Center in St. Louis.

Education that Fits.

Promote your career and enhance your earning potential by taking classes at the EEC. Classes are taught in the evening and live-streamed over the Internet, providing the flexibility you need to earn your graduate degree or certificate while you work. Choose from more than 40 graduate certificate programs and 17 advanced degrees.

Distance Graduate Degrees include:

Aerospace Engineering (MS/PhD)
Business Administration (MBA)
Civil Engineering (MS)
Computer Engineering (MS)
Computer Science (MS)
Electrical Engineering (MS)
Engineering Management (MS)
Environmental Engineering (MS)
Explosives Engineering (MS/PhD*)

Geotechnics (ME)
Industrial/Organizational Psychology (MS)*
Information Science and Technology (MS)
Manufacturing Engineering (MS/ME)
Mechanical Engineering (MS/PhD)
Mining Engineering (ME)
Systems Engineering (MS/PhD)
Technical Communication (MS)

**Degrees pending approval.*



eec.mst.edu
eec@mst.edu | 314-835-9822



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To submit items to the newsletter...

Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 15th of the month prior to publication. Items may be sent via e-mail to Joe Sturgeon at wsturgeon@hntb.com. MS Word files are the preferred file type. PDF files are also acceptable but may not look as sharp when inserted into the newsletter and hyperlinks might not carry through to the final version. For multiple page announcements, please consider providing a single-page flyer, concisely worded, with links provided to ancillary pages such as registration forms or other attachments. Also, please clearly include in the email subject line a concise title for the announcement and desired month(s) of publication.

Most news items will be available on the Section's Web Page, which can be reached via the link on ASCE National Website (www.asce.org). Click on "Geographical and International Units" to link to the Section or go directly to our page at: <http://sections.asce.org/stlouis/index.html>. The Section's Website Editor is Jeff Smith e-mail: JESmith@HNTB.com or via feedback directly from our website.

For more information and updates see our Web Page: [Http://sections.asce.org/stlouis/index.html](http://sections.asce.org/stlouis/index.html)

This newsletter will be sent to all Section members via e-mail. Delivery of the newsletter hardcopy by First Class mail will be made upon request. Members have the responsibility to keep their contact information in the ASCE national database up to date. Please note that the St. Louis Section is only provided with members' PRIMARY information on file at the Society level. To ensure that we can contact you, please edit your PRIMARY information to contain the information where you would like the section to contact you and how you would like your information to appear in our annual roster.

Please be sure to keep your PRIMARY contact information up-to-date by contacting ASCE at <http://www.asce.org>, or call 800-548-ASCE (2723).



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