

February 2021

President's Message2
 Impact of Coronavirus on
 Scheduled ASCE Programs3
 ASCE Region 7 Awards program3
 Open Committee Positions3
 10th Annual Missouri Legislative
 Drive-In.....4
 EWRI Monthly Speaker Series.....5
 Geo Institute Case Histories
 Seminar6
 Younger Member Group7
 In Memory of William F. Eichfeld ...8
 Pratim Biswas, Ph.D. Earns
 Environmental Engineering Award .9
 Employment Opportunities10
 Submit items to the newsletter... .17

Upcoming Events

February

- 11 YMG Monthly Meeting
- 18 EWRI Monthly Speaker Series Webinar
- 23 2021 Engineers Week Conference
- TBD Legislative Drive-In for Infrastructure

March

- 11 YMG Monthly Meeting

Follow the Section and share with your network.



Update your bookmarks with our new Section website

<http://sections.asce.org/st-louis/>



2021 Engineers' Week Event

Engineers' Week Virtual Conference - Tues. Feb. 23rd
 Featuring Guest Speaker
 Tom Blair, PE, MoDOT District Engineer - St. Louis



2021 ENGINEERS' WEEK CONFERENCE HOSTED BY THE ENGINEERING CENTER OF ST. LOUIS

TUESDAY, FEBRUARY 23rd
 11:30 AM - 1:00 PM
 VIRTUAL CONFERENCE EVENT

FREE GENERAL ADMISSION

PLEASE REGISTER USING THE FOLLOWING LINK:

[REGISTER HERE!](#)

Please join us for the 2021 Engineers' Week Conference to honor the St. Louis Engineering Community. The Engineering Center of St. Louis recognizes engineers, and those individuals related to the engineering industry, as those who are building a stronger tomorrow.

Engineers' Week Conference Presenter:
 Tom Blair, PE,
 MoDOT District Engineer-St. Louis

See full bio at: <https://www.engineeringcenter.org/luncheon>



Engineers' Week Sponsors



Officers & Directors 2020 - 2021

President

Jordan Pettibone
Horner & Shifrin, Inc.
jepettibone.asce@gmail.com

President-Elect

John Weiland
Wade Trim
jweiland@wadetrim.com

Vice President

Alison Graves
Civil Design Inc
agraves@civildesigninc.com

Secretary

Chris Toenjes
Roeslein & Associates, Inc.
chr istoenjes@gmail.com

Treasurer

Melantha Norton
Nestle Purina PetCare Co.
diodonna@hotmail.com

Director of Administration

Shari Cunningham
THD Design Group, Inc.
shari@thddesigngroup.com

Director of Professional Development

Melissa Rettig
Jacobs
Melissa.Rettig@jacobs.com

Director of Technical Development

William S. Stahlman III
America's Central Port
bstahlman@americascentralport.com

Past President

Brent Vaughn
Department of Civil Engineering
Southern Illinois University Edwardsville
brent.vaughn.asce@gmail.com

President's Message



The last full week of February is reserved nationally for Engineers Week. E-Week, as it's affectionately called, is "dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers," (NSPE)

Hmm... what's that mean? And what's that mean during the COVID-19 pandemic? Well, it means we have new opportunities. New opportunities for our Pre-College Outreach and Student Involvement committees. It means we all become members of the Pre-College Outreach committee.

Back in January I hosted a (virtual) gathering of all our committee and institute leaders. We discussed our Section's Strengths, Weaknesses, Opportunities, and Threats (SWOT). A weakness and opportunity for our outreach committees was this inability to have in-person activities. We discussed keeping in contact with schools we have had presentations with before. We have been to schools' and colleges' career fairs, speaking with students about civil engineering. We still connect with colleges through virtual presentations (just like our monthly luncheons). A lot of you are mothers/fathers, grand-mothers/fathers, aunts/uncles. I challenge you to reach out and offer to speak to your (grand)children's teachers about our profession. Or, have them email me, and I'll make sure someone from our Section (or me) follows up.

A really cool idea was suggested to our group, and I would like to suggest it to you: record yourself doing an experiment! Navigate over to <https://dreambigfilm.com/education/> or <http://www.discovere.org/engaging>, set up your phone or camera, and record yourself performing an activity with a "helper!" Tell me this won't be fun. Then upload it to a video platform, or share it with an educator.

Thinking ahead how do we continue to reach out; especially when the gathering restrictions lift? The same initial principles apply here. Reach out to educators, administrators, civic organization leaders, and volunteer our Section's services to come and present. Virtual platforms continue to evolve and offer a great opportunity to reach out physically further than we could travel before. Give it a thought. And if you don't know how to record your activity and upload it... have your helper teach you!

- Jordan

Impact of Coronavirus on Scheduled ASCE Programs

Per a [recent memo](#) from Jean-Louis Briaud, ASCE President and Thomas W. Smith III, ASCE Executive Director:

“Unfortunately, recent weeks have seen sustained, and even increasing, community spread of the virus. In view of this concern, and recognizing our ethical obligation to protect the public health, safety and welfare, we strongly encourage you to pursue alternative options, such as the use of virtual platforms for meetings to be held through **June 30, 2021.**”

All ASCE Institute, Region, Section, Branch, Younger Member and Student Leaders should review the full [memo](#) to better understand our obligations regarding meetings, events or other activities.

More general information and details for events can be found at <https://www.asce.org/covid-19/>.

ASCE Region 7 Awards program

ASCE Region 7 is accepting nominations for the ASCE Region 7 Awards program. This is a great opportunity to recognize the dedicated volunteers in your sections and branches. The deadline for submittal is [April 30, 2021](#). Please consider a nominee for each category. **I also ask that you distribute this email to your Section and Branch members as well as Student Chapters and encourage nominations.**

ASCE Region 7 Awards for the following categories:

- Outstanding Younger Member
- Outstanding Faculty/Practitioner Advisor
- Lifetime Achievement

The forms are posted to the ASCE Region 7 site <http://regions.asce.org/region7/awards>

We encourage you to provide at least one nominee for each award from your Branch or Section. Multiple nominations from Sections and Branches for each award are welcomed.

We hope you all take the time to recognize those hard working individuals within your Section and Branches who are deserving of these awards. Again, nominations are due April 30, 2021. If you have any questions or need additional information please feel free to contact me. I look forward to hearing from you.

Jennifer Jacka-Taylor, P.E., ENV SP, M.ASCE
ASCE Region 7 Governor

Open Committee Positions

Communications Co-Chair - The Committee's primary goal is to communicate to all local members news of past, present, and future activities and programs for the purpose of stimulating greater interest and participation in section affairs. The Co-Chair is expected to work closely with the president and chairmen of other committees to obtain information of vital interest to the membership. Correct and timely information should be obtained from the program committee regarding forthcoming meetings. Valuable news will also be found in the Section Leader, a regular publication issued from ASCE headquarters. An informal but regular system of contacts or reporters is an essential ingredient to the collection of interesting news.



10th Annual Missouri Legislative Drive-In for Infrastructure Development State Legislator Virtual Visits February-March 2021

This year, the Government Relations Committee will virtually advocate for industry issues in small groups in lieu of visiting Jefferson City in-person, due to safety concerns related to COVID-19. Committee members will begin training with ASCE Society Government and Public Relations staff in early February. After training and assembling presentation materials, we will setup virtual meetings with our state legislators. Dates are TBD as planning is ongoing.

The Government Relations Committee believes that virtual visits with our state representatives and state senators will take less time than our regular drive-in and allow more of our members to participate. We invite ASCE members to join us in training sessions and virtual meetings. You can listen in or actively participate, whatever you decide. Our hope is that, after participating, you will decide to setup virtual meetings with the legislators in your districts. Our committee members will be glad to join you in the discussion and present information on the current condition of our infrastructure in Missouri.

If you have questions or would like to participate, please contact Dennis Boll at 314.568.3125 and dboll@geotechnology.com, or Alison Graves at 314.540.5925 and agraves@civildesigninc.com. Thank you.



EWRI ST. LOUIS MONTHLY SPEAKER SERIES EVENT

The St. Louis Section of EWRI is pleased to announce our monthly webinar **on Thursday, February 18, 2021 from 11:30 am-12:30 pm Central Time.**

This presentation will be broadcast live over a webinar. Registration is free to ASCE members. **Advance registration is required by noon, Monday, February 15, 2021.** Please register online at the following link:

[EWRI February 2021 Speaker Series Presentation](#)

Registrants will receive detailed login and dial-in information prior to the event.

BULLETIN 17C: UPDATED FEDERAL GUIDELINES FOR FLOOD FREQUENCY ANALYSIS

Want to know where the 1-percent probability flood comes from? Flood-frequency analysis of peak streamflow records provides the essential statistical interpretation of hydrologic data for estimating flood risk and for floodplain mapping.

This seminar provides an overview and refresher on flood-frequency analysis of peak streamflow data, as well as introducing methods adopted in the new federal guidelines, Bulletin 17C. These new methods include a generalized method-of-moments estimator, the Expected Moments Algorithm (EMA) for dealing with zeros, low outliers and historical data. It also employs a generalized version of the Grubbs-Beck test (MGB) for the identification of potentially influential low floods (PILFs).

Attendees will learn about changes implemented in Bulletin 17C, how to properly characterize flood peaks for inclusion in a Bulletin 17C analysis, and how to interpret Bulletin 17C flood frequency analyses.

SPEAKER

Andrea G. Veilleux, PhD

Andrea Veilleux is a hydrologist with the U.S. Geological Survey (USGS). As a member of the Analysis and Prediction Branch at the USGS, Andrea is engaged in the study of statistical hydrology with an emphasis on flood-frequency analysis. She is an author on updated federal flood frequency guidelines: Guidelines for Determining Flood Flow Frequency Bulletin 17C. Andrea received her PhD in civil and environmental engineering from Cornell University.

Thank you to our joint seminar sponsor, **EDM Incorporated!**

Please contact **Len Madalon** (ljm@edm-inc.com) with any questions, if you are interested in presenting, or have an idea for a topic.



GEO-
INSTITUTE
St. Louis Chapter



Call for Abstracts

St. Louis Chapter of the Geo-Institute of ASCE Presents

Case Histories Seminar and Student Projects

DATE: April, 2021 (Actual Date TBD)

TIME: 5:00 pm to 8:30 pm

LOCATION: Virtual Event (details to follow)

PDH credits will be available.

The Geo-Institute is accepting **abstracts** for our annual Case Histories event. The committee is seeking speakers to provide a 30 to 60-minute presentation focused on geotechnical engineering projects. Please submit abstracts to Jake Schaeffer (jschaeffer@milleninia.pro), Geo-Institute chair. The event will be held virtually and additional details will be provided closer to the event date.

Student research presentations will be presented ahead of the speakers for the event.

A limited number of **sponsorship opportunities** are available for this event. If interested, please contact Xiaomin You (xiaomin.you@wsp.com), Geo-Institute vice chair.

Younger Member Group Update

**Please join us for our virtual meeting!
February YMG Meeting:**

Thursday, February 11, 2021
12:00 - 12:45pm

Join Zoom Meeting

<https://zoom.us/j/96072333694?pwd=Mk1tem9xSHdBWWV4S2psTFBIRmpkZz09>

Meeting ID: 960 7233 3694

Passcode: fU78EL

Virtual Meetings – *We are moving forward with virtual meetings until further notice. Each meeting will offer important section updates, professional development opportunities, volunteer opportunities, and of course, door prizes. Set your calendar!*

- March 11, 2021 12:00 - 12:45 pm
- April 8, 2021 12:00 - 12:45 pm
- May 13, 2021 12:00 - 12:45 pm

Contact Michelle Bresnahan, YMG Chair, at MBresnahan@lochgroup.com if you would like to be added to the email list or if you have any questions or comments regarding the YMG Update.

In Memory of William F. Eichfeld



Professor William F. Eichfeld

1949 – 2021

Dedicated Teacher, Respected Colleague, and Beloved Friend

Dear SIUC Family,

It is with a heavy heart and deepest sorrow that I am writing to inform you that our respected colleague, beloved friend, and one of the best professors at SIUC, Professor William F. Eichfeld, passed away today afternoon at the Carbondale Memorial Hospital after a long battle with cancer. He served SIUC with distinction for almost 40 years and this is a big loss for the School of CEIE and SIUC. He was the most respected professor by our students, faculty, and staff, and was named Outstanding Teacher of Civil Engineering several times. He has left big shoes to fill, and he will be missed. Professor Eichfeld will be remembered for his dedication to our students, calm personality, and signature tie. Please take a minute to pray for the peace and comfort of his departed soul. Professor Eichfeld's cousin will take him to Wisconsin to unite him with his family, where all the services will be performed.

In his memory, we are hoping to plant a tree on our campus.

Sincerely,

Sanjeev Kumar
Director, Professor and Distinguished Teacher
Interim Associate Dean

Editor's note: Professor Eichfeld was also the SIU ASCE Student Chapter Faculty Advisor for over 20 years.

Pratim Biswas, Ph.D. Earns Environmental Engineering Award

January 14, 2021

Pratim Biswas, Ph.D., NAE, A.M.ASCE
Department of Energy, Environmental and
Chemical Engineering
Campus Box 1180
Washington University in Saint Louis
St. Louis, MO 63130

Email: pbiswas@wustl.edu

Dear Dr. Biswas:

Congratulations! You have been selected by ASCE's Environmental and Water Resources Institute to receive the 2022 **Simon W. Freese Environmental Engineering Award and Lecture** for "his extraordinary accomplishments in using fundamental scientific principles and current research findings to solve the most challenging environmental problems."

I hope you can personally accept this award, which consists of a certificate and cash prize, during the 2022 EWRI World Environmental & Water Resources Congress. Barbara Whitten, Institute staff member, will be in contact with you soon to provide further details about your award presentation.

Please direct your attention to the important enclosures that will guide you in assembling requested documents for publicity purposes.

Again, please accept my personal congratulations on this significant milestone in your career.

Sincerely,



Thomas W. Smith III, ENV SP, CAE, F.ASCE
Executive Director

Enclosures

cc: Nominator: Eugene LeBoeuf, eugene.j.leboeuf@vanderbilt.edu
Director: Edward W. Stafford, P.E., PTOE, F.ASCE, edward.w.stafford@gmail.com
Section President: Jordan E. Pettibone, P.E., M.ASCE, jepettibone@homershifrin.com
Institute Contact: Barbara Whitten, bwhitten@asce.org
GSD: Carolina Albornoz, calbornoz@asce.org



1801 Alexander Bell Drive Reston, VA 20191-4382
(800) 548.2723 toll free (703) 295.6300 int
(866) 902.6249 fax ■ www.ASCE.org



JOB OPENINGS

Horner & Shifrin, Inc. is currently looking for candidates to fill the positions of:

Project Engineer (Transportation)

5+ years experience, proficient in Microstation & AutoCAD, Northwest Arkansas

Project Manager (Water/Wastewater)

5+ years experience in water & wastewater design, Poplar Bluff, MO

Project Manager (Civil/Site)

10+ years experience using Civil 3D CAD Modeling, O'Fallon, MO

Complete Streets Planner

ACIP certification preferred, BS in Urban Planning, St. Louis

Sr. Level Plumbing Designer or Engineer

10+ years exp., strong ability to work in AutoCAD and Revit, St. Louis

Design Engineer (Transportation)

Full time, 2 years experience, EIT certificate Chicago/St. Louis

Project Manager (Transportation)

10+ years experience, knowledge of GEOPAK SS4 or Civil 3D, Poplar Bluff, MO

Sr. Environmental Scientist

Experience working on NEPA projects St. Louis

Engineer (Structural Bridge)

Previous bridge design experience, OSHA 10 preferred, Chicago/St. Louis

Project Engineer (Structural Bridge)

5+ years exp., proficient in Microstation and/or AutoCAD, Northwest Arkansas

Please visit our website at [www. https://www.hornersshifrin.com/careers/](https://www.hornersshifrin.com/careers/)



Job Title: Professional Land Surveyor

Location: St Louis, MO

Civil Design, Inc. is a Certified Woman Business Enterprise, civil engineering firm of 70+ team members committed to building stronger communities in the markets we serve. Areas of focus include site development, surveying, transportation, water resources, structures and infrastructure and analytics. Civil Design Inc. is in its 24th year of business and has offices in St. Louis, MO, Effingham, IL and Louisville, KY.

Culture: CDI has a strong family-oriented culture with the drive to build stronger co-worker, client, and local communities. Guided by the values of continuous learning and growth, mutual trust and respect, ownership, and responsiveness – CDI offers a spirited team atmosphere driving quality engineering and strong client relationships

Job Description: Responsible for making precise measurements to determine boundaries and providing topographic data utilizing survey equipment and data collection software.

Essential Job Functions

- Coordinate, direct, and lead team members in the completion of Boundary and Topographical Surveys, Route Surveys, ALTA/NSPS Land Title Surveys, Utility Surveys and Constructional layout for private and government projects.
- Create and execute project work plans
- Manage multiple projects and delegate project tasks to team members.
- Managing day-to-day operational aspects of projects and scope.
- Perform reviews and quality assurance to insure adherence to project standards and methodologies.
- Experience with Trimble Robotic, GNSS and Conventional equipment, LiDAR Scanning equipment.
- Adhere to safety policies, procedures, and requirements of CDI.
- Primarily Office work, if needed some travel.

Knowledge, Skills and Abilities

- Comprehensive understanding of the principles and practices of land surveying.
- Advanced knowledge of mathematics through trigonometry and geometry and its application to field surveying.
- Proficient with Microsoft Office, MicroStation and other relevant software.
- Skilled in the use of surveying instruments including Trimble Robotic and GNSS equipment.
- Thorough knowledge and understanding of processing collected data through the completion of projects.
- Ability to work effectively in a team environment and possess strong interpersonal skills.
- Strong organizational and time management skills.
- Excellent verbal and written communication skills.
- Must be physically able to work outdoors and on construction sites under all weather conditions.
- Commitment to a safe working environment following safety policies, guidelines, and procedures.
- Ability to troubleshoot and problem solve.
- Familiarity with and knowledge of geographic area.

Desired Knowledge, Skills and Abilities

- Understanding of MicroStation, AutoCAD, Trimble Access, Leica Cyclone, Trimble, and Leica Instrumentation is a plus.

Education, Training and Experience Requirements:

- License: Missouri Professional Land Surveyor (PLS) Required. Additional state licenses a plus.

- Minimum of 3 years' experience as PLS.
- Prior experience with MicroStation, MoDOT Standards, AutoCAD, and Records Research.
- Must possess a valid driver's license and have a good driving record.

Working Conditions

Work is generally performed in the office but will include some outside work at various job sites. May be exposed to all kinds of weather conditions including extreme temperatures, rain, snow, high winds, humidity, and dusty conditions. Physical activity is required including walking, standing, carrying equipment, stooping, kneeling, and bending. May be exposed to exhaust fumes, dust particles, insects, wildlife, plants, poison ivy, and other environmental elements. Must be able to lift/carry 30lbs in field conditions. Up to 10% of work performed outside.

Core Competencies

- Building Trust – Interacting with others in a way that gives them confidence in one's intentions and those of the organization.
- Collaboration - Working effectively and cooperatively with others; establishing and maintaining good working relationships.
- Contributing to Team Success - Actively participating as a member of a team to move the team toward the completion of goals.
- Engagement Readiness - Demonstrating a willingness to commit to one's work and to invest one's time, talent, and best efforts in accomplishing organizational goals.

Job Title: Experienced Structural Project Engineer

Location: Civil Design Inc. (Louisville KY, Effingham IL or St. Louis, MO) Remote candidates will be considered

Civil Design Inc.: A certified Woman Business Enterprise, Civil Design, Inc. is a civil engineering firm of 70+ team members committed to building stronger communities in the markets we serve. Areas of focus include site development, surveying, transportation, water resources, structures and infrastructure and analytics. Civil Design Inc. is in its 24th year of business and has offices in St. Louis, MO, Effingham, IL and Louisville, KY.

Culture: CDI has a strong family-oriented culture with the drive to build stronger co-worker, client and local communities. Guided by the values of continuous learning and growth, mutual trust and respect, ownership and responsiveness – CDI offers a spirited team atmosphere driving quality engineering and strong client relationships.

Benefits:

Competitive Benefit Package including flexible working environment, health, dental and vision Insurance, 401(k) match, PTO and extended sick bank leave.

Job Duties

- In this role, the Structural Engineer will be an integral part of our Structures/Bridge Group designing various bridge types, as well as support our transportation and site development Groups with their design needs.
- Manage structural engineering projects by creating scope and budgets, directing the design and coordinating work with other staff and design team members.
- Strong knowledge of building materials (Steel, Concrete, Masonry, Wood), construction methods, structural inspections, construction document preparation.
- Analyze and design transportation related structures including: bridges, culverts, retaining walls, and sign structure foundations.

- Be a key point of contact with clients, contractors, and local officials.
- Eagerness to work on a wide variety of project types.
- Assist in the preparation of engineering project proposals.
- Work collaboratively with the CDI Group Leader, Project Engineers and other team members to develop effective solutions.
- Ensures compliance with CDI's safety procedures.

Required Skills

- Bachelor's degree in Civil or Structural Engineering
- Illinois, Indiana, Kentucky or Missouri PE required
- Bridge design experience
- Proficiency with MicroStation
- Department of Transportation structures experience (bridges and walls) (MoDOT, IDOT or KYTC).
- Highly proficient with structural analysis and design software
- Ability to work effectively in a team environment and possess strong interpersonal and communication skills

Desired Skills:

- Master's Degree in Civil Engineering or Structural Engineering.

Please apply at CDI's career page – www.civildesigninc.com ->Contacts -> Careers



Job Title: Senior Water Resources Engineer | Project Manager

Location: Civil Design Inc., St. Louis, MO 63110

Civil Design Inc.

A certified Woman Business Enterprise, Civil Design, Inc. is a civil engineering firm of 80+ team members committed to building stronger communities in the markets we serve. Areas of focus include site development, surveying, transportation, water resources, infrastructure & analytics, and structures. Civil Design Inc. is getting ready to celebrate its 25th year in business and has offices in St. Louis, MO, Louisville, KY and Effingham, IL.

Culture

CDI has a strong family-oriented culture with the drive to build stronger co-worker, client and local communities. Guided by the values of continuous learning and growth, first time quality, mutual trust and respect, ownership and responsiveness – CDI offers a spirited team atmosphere driving quality engineering and strong client relationships.

Core Competencies

In addition to the needed technical skills to perform this job successfully, an individual should also demonstrate the following competencies: Strong Communication, Collaboration, Positive Attitude, Adaptability and Analytical Thinking.

Responsibilities

- Design and management of treatment, wastewater collection, and water system conveyance facilities.

- Prepare grant applications, facility plans and coordinate with private and public stakeholders to secure project funding specifically for small and medium sized systems
- Ability to assist on water resources and resiliency aspects of multi-disciplinary projects for integrated water resources planning and watershed master planning
- Design improvements to wastewater treatment facilities to meet environmental regulations. These include wastewater lagoons, package plants, biological and mechanical treatment processes
- Mentor and develop engineering team members, specifically in environmental and wastewater engineering.
- Managing water, wastewater, and reclaimed water supply through planning, modeling and permitting
- Be a key point of contact with clients, contractors, and local government officials
- Work collaboratively with CDI managers, and other Project Engineers to develop effective solutions

Required Skills:

- Bachelor's Degree in Civil/ Environmental Engineering from a four-year college or university; PE required
- 7+ years' Experience
- Professional Engineer, licensed in Missouri with design experience with a focus on water resources
- Knowledge with preparation and review of Engineering Plans and Specifications to ensure that all aspects of project implementation are clearly conveyed
- Experience with hydrologic, hydraulic, and groundwater software
- Experienced in working with both governmental, and private clients in Missouri, Kentucky, and Illinois

Desired Skills

- Proficiency in XPSWMM, WaterGEMS, SewerGEMS and WaterCAD
- Proficiency with AutoCAD Civil 3D
- Experience with HECRAS, HECHMS, PondPak, HY-8
- Experience with GeoPAK Drainage

Are you a **Passionate, Highly-Motivated**
Geotechnical Engineer?



Do you want flexibility in your job?
Do you want the ability to be innovative?
Do you want great benefits?
Do you have these qualifications?

- **BS/MS degree in Geotechnical Engineering**
- **Passed FE Exam and eligible for PE exam (or already obtained PE)**
- **Excellent written and verbal communication skills**

If so, we want to talk to....YOU!****

To apply please visit our website at...

www.sciengineering.com/careers

NOW HIRING IN MISSOURI, ILLINOIS, COLORADO AND TEXAS

Metropolitan St. Louis Sewer District

MSD is currently hiring for several engineering and engineering-related positions.

Engineering Specialist - Right-of- Way

<https://www.governmentjobs.com/careers/stlmsd/jobs/2937758/engineering-specialist-right-of-way?pagetype=jobOpportunitiesJobs>

Mechanical Engineering Instructor Needed for Missouri Society of Professional Engineers (MSPE) PE Refresher Course

MSPE has been giving PE refresher courses to help engineers prepare for the PE licensee exam for the past more than 20 years. MSPE currently has an opening for Mechanical Engineering instructors.

Eligible candidate is required to be a Missouri registered professional engineer (P.E.) in Mechanical Engineering with at least 5 years of related working experience. The instructor will give review courses to help participants pass the professional engineer (P.E.) license exam, and the covered disciplines includes HVAC and Refrigeration, Thermal and Fluid Systems, Machine Design and Materials. Two categories of instructors are needed:

- (1) The instructor is required to be proficient in all three areas and familiar with the P.E. exam and can adjust the class content flexibly based on the student registration and their desired testing disciplines.
- (2) The instructor is required to be proficient in one of the three areas and familiar with the P.E. exam and will either work with the other instructors for the mechanical classes (2-3 sessions per instructor) or work alone on the specialized area (7 sessions) based on the student registration and their desired testing disciplines

The classes are scheduled from January to March and includes 7 separate sessions that are held from 8 am to noon on Saturdays at St. Charles Community College (Address: 4601 Mid Rivers Mall Dr. Cottleville, MO). For details regarding the class and payment, please contact Lisa Cheng at lisa.cheng@hdrinc.com or call at 919-749-5998.

Note: Class might be temporarily switched to be online due to the ongoing Covid situation.

Submit items to the newsletter...

Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 20th of the month prior to publication. Items may be sent via e-mail to Brent Vaughn (ASCE newsletter editor) at brent.vaughn.asce@gmail.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 will probably 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/st-louis/>. 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/st-louis/>

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).



**ASCE – St. Louis Section
c/o The Engineering Center
4359 Lindell Blvd. St. Louis, MO 63108**