



GEO-INSTITUTE CHAPTER AWARD NOMINATION FORM

Check the box to indicate the award for which this application is prepared.

☒ **Best Chapter Award**

☐ **Chapter Achievement Award** (new/small chapters)

Chapter Name: St. Louis Chapter of the Geo-Institute of ASCE

Chapter Regional Location: Region 7

Parent ASCE Section: St. Louis, MO

Number of Members (current year): 158

Numbers of Members (prior year): 149

Number of Meetings/Events (current year): 11
attach description/flyers and attendance

Complete the following sections to describe G-I Chapter activities in the category prompts below. Activity in every category is not required to apply for the award. Supporting information can be included in the Appendix. Examples of supporting information include; meeting announcements, newsletters, scholarship forms, conference agendas, social media posts, etc. Please limit meeting announcements, newsletters, and social media posts to 1 example for each.

1. Holding well-attended regular meetings:

MONTHLY BUSINESS MEETINGS

- 9 monthly business meetings (in person and virtual) per year, September through May.
- Topics cover Chapter business, finances, upcoming events, scholarships, other funding requests from geotechnical student groups within the ASCE section, and communications with the ASCE board.
- Attendance typically ranges from 7 to 13 members. Conference calling is available to allow participation by those who are unable to attend in person.
- Minutes are posted on Geo-Institute chapter web site to keep members informed.

The St. Louis Geo-Institute Chapter also hosts extremely well-attended technical events in the form of its annual Geo-Structures Confluence, Case History Seminar, and two or more webinars per year.



Photo: monthly business meetings (Upper left: virtual meeting; Lower right: in person meeting)

STRUCTURAL AND GEO-CONFLUENCE – ANNUAL FULL-DAY CONFERENCE

- The event began in 2011 as GeoConfluence. The name was chosen to invoke the “coming together” of knowledge, ideas, and the geo-community in the St. Louis region.
- The conference was started in conjunction with the University of Missouri Graduate Student Organization, and has been hosted by the St. Louis Geo-Institute Chapter from 2011-2015. Attendance during those years was approximately 125 to 140 professionals and students.
- Since 2016, the Chapter has partnered with structural engineers to hold a larger joint conference, re-named Structural and Geo-Confluence. The joint conference is attended by approximately 200 professionals and students, with 20 exhibitors.
- Attendees are awarded 7 PDH.
- Combined morning sessions with presentations of interest to both geotechnical and structural engineers. Split afternoon sessions for geotechnical and structural topics.
- Presentations have included the Geo-Institute’s Cross USA Lecture, as well as many other nationally-recognized experts in geotechnical engineering.
- Topics include student and professional research studies, case histories, panel discussions addressing the interaction of geotechnical and structural engineers, risk mitigation, and career retrospectives.
- The conference generates the highest proceeds of any event in the St. Louis Section. The Chapter’s portion of the conference proceeds are used to fund the GeoConfluence Scholarship, awarded during the conference since 2016.

The most recent conference was held in person in November 2022. Approximately 180 professionals attended the virtual event, with 20 sponsors and 33 students.



Photo: 2022 Structural and GeoConfluence

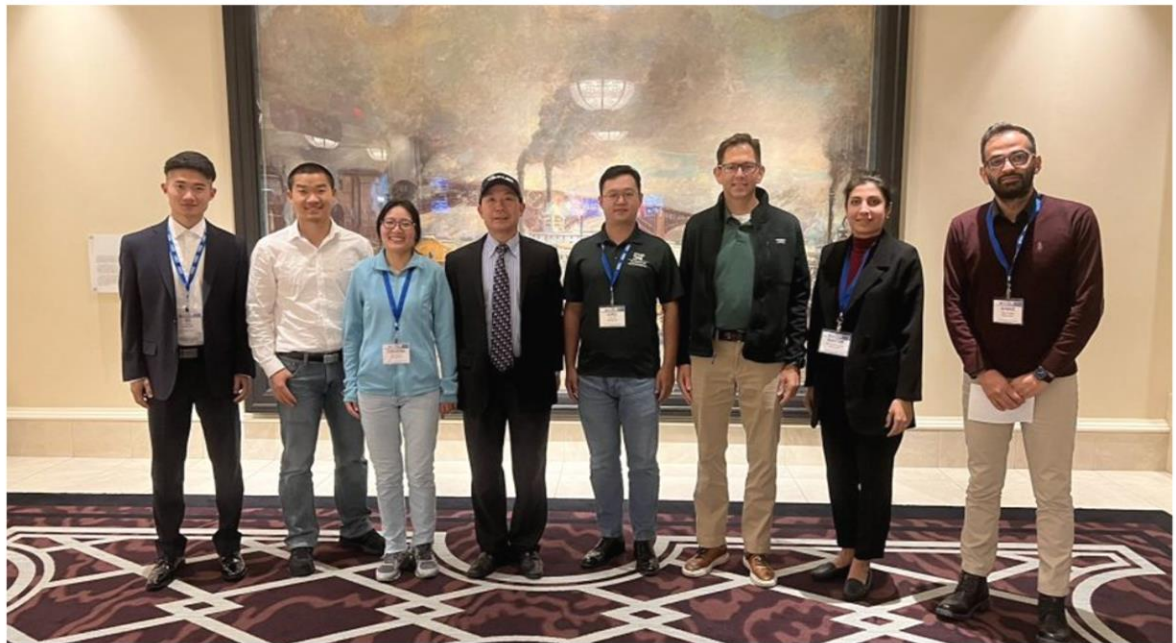


Photo: Students and Researchers attending 2022 Structural and GeoConfluence

CASE HISTORIES SEMINAR – ANNUAL EVENT

- This long-running event consists of an evening of student research poster presentations and 2 to 3 professional case history presentations.
- Attended by approximately 50 professionals and students, with 2.5 PDH awarded.
- Geo-Institute's Cross-USA Lecture has been presented during this event in 2016 and 2018.
- The most recent Case Histories event was held in person in April 2022. It was the first in person G-I event since the Pandemic and was extremely welcomed by the local geo-community and attended by 57 professionals.
- Four graduate student made oral presentations on their research.



Photo: 2022 Case Histories Seminar

SEMINARS/WEBINARS – 2 PER YEAR

- Topics are selected from ASCE's live or on-demand webinars or local site visits or in person seminars presented by professionals.
- Usually attended by approximately 40 professionals. This event was suspended in the last two years and will resume in 2023.

2. Providing quality presentations on relevant technical subjects:

The St. Louis G-I Chapter provides several opportunities for its members to earn Professional Development Hours (PDHs). The Geo-Structures Confluence (7.0 PDH), Case Histories Seminar (2.5 PDH), two seminars or ASCE webinars (1.0 to 1.5 PDH each), and ASCE Monthly Luncheons (1.0 PDH) are all ways our members can attend quality technical presentations.

The Chapter carefully selects the topics and speakers to provide engaging technical presentations for our members. Speakers and topics at our recent events have included:

- Invited speakers from other areas of the country, selected by the planning committee.
- Abstracts are solicited through the ASCE section newsletter and G-I Chapter newsletters, GeoStrata publication, Geo-Institute e-updates, other ASCE Sections and G-I Chapters, and other organizations related to geotechnical engineering.
- In 2022, a presentation on engineering challenges for the future of transportation by Silas Nichols of FHWA as well as many other nationally-recognized experts in geotechnical engineering.
- Geo-Institute's 2021 Cross-USA Lecture by Liz Smith
- 2020 Terzaghi lecturer by Dr. Ed Cording
- Geo-Institute's 2019 Cross USA Lecture by Robert Bachus, the 2019 Seed lecture by W. Allen Marr of Geocomp
- Student and professional research topics
- Recent case histories

The G-I Chapter is also responsible for selecting the speaker for one of the ASCE monthly luncheons per year, typically in March. This speaker is selected based on their ability to talk about a geotechnical topic while appealing to a broader audience of other civil engineering disciplines.

3.Communicating effectively with local Geo-practitioners (emails, websites, newsletters, social media, etc.)

Newsletters

- The Geo-Institute Chapter electronically distributes approximately 10 monthly newsletters to keep the Geo-Institute members informed about meeting dates and upcoming events, as well as share news from other Chapters and the Geo-Institute.
- The St. Louis ASCE Section electronically distributes 10 newsletters per year. The Geo-Institute Chapter uses these ASCE newsletters and mid-month email updates to share information about all of our events with the rest of the ASCE Section.
- The ASCE Section and Geo-Institute Chapter use Constant Contact, with frequently updated membership rosters provided by ASCE, and include opt-in and opt-out links so that members can manage their communication preferences.

Web Site

- Our new ASCE Section website address is <http://sections.asce.org/st-louis/>. The Geo-Institute Chapter's page can be find using the following link: [Geo-Institute Chapter | st. louis section \(asce.org\)](#).
- Members can quickly find event registration, meeting schedules, scholarship applications, officer contact details, and other useful information.
- Site was recently updated with the ASCE template for simpler navigation. Institute officers are now able to make changes to our own page to keep events and news current.

Emails

- Individuals registering for our conferences and other events can opt-in to a separate contact list in Constant Contact, allowing the Chapter to send special event announcements to those geo-professionals who might not receive the newsletters.

4.Hosting or participating in regional geotechnical seminars

In addition to the afore-mentioned Structural and Geo-Confluence and our other events, the St. Louis G-I Chapter keeps a contact list of all of the other regional G-I Chapters, such as Kansas City, Iowa, Indianapolis, Tennessee, Chicago, and Nebraska and publicize our events through their membership. In turn, we offer to advertise their conferences and encourage our members to attend these conferences.

5.Interacting with parent ASCE Branch/Section and other affiliated organizations:



The St. Louis Geo-Institute Chapter (and formerly ASCE Geotechnical Committee) has a unique history with the ASCE St. Louis Section Executive Board in that 6 of the past section Presidents in the last several years have been active Geo-Institute members. Additionally, we have several current G-I members who are also involved with Section committee and other leadership positions. These are: Lyle Simonton (Membership Champion), Brent Vaughn (Past-President, current Communications Chair, Scholarship Chair), Jeff Fouse (History and Heritage Chair), Ronaldo Luna (Awards Chair), Dennis Boll (Government & Public Relations Chair), Tony Roth (Programs Committee Co-Chair), and Shari Cunningham (Director of Administration).

Photo: Jeff Fouse, a G-I committee member of our chapter received the **2022 Professional Recognition Award from the ASCE St. Louis Section** to recognize his substantial contributions to the engineering profession and the St. Louis Section.

Beyond our Chapter and Section, G-I members currently serve as ASCE Region 7 Governor (Shawnna Erter) and Region 7 Local Involvement Committee representative (Lyle Simonton). In terms of working with other organizations, the first GeoConfluence Conference was held in conjunction with the University of Missouri – Columbia GSO Chapter. When the conference became the Structural and Geo-Confluence, our G-I Chapter worked with both the SEI and SEAKM (Structural Engineering Association of Kansas and Missouri) teams to co-organize the conference. The Chapter teamed with the Younger Members Group from the St. Louis Section in Spring 2021 to bring a virtual site visit to a wider audience.

6. Interacting with and supporting G-I Graduate Student Organizations & Younger Member Groups:

The St. Louis G-I Chapter has a strong history of working with and supporting its student geotechnical organizations at Southern Illinois University – Carbondale, Southern Illinois University – Edwardsville, St. Louis University, and, in particular, at the University of Missouri– Columbia (GSO Chapter) and Missouri S&T G-I Chapters. We have provided yearly donations in the form of sponsorships and scholarship opportunities to each of these student groups. The first GeoConfluence was formed with the University of Missouri– Columbia GSO and we applied jointly to host the first Geo-Institute Cross-USA Lecture to that conference. We have since been fortunate to bring the Cross-USA Lecture to St. Louis several more times.

Interaction with G-I Graduate Student Organizations:

- The Chapter provides opportunities for students to present their research at our events, and G-I members also visit student groups to meet and share presentations.
- The Student Liaison is a volunteer position within the St. Louis G-I Chapter. This volunteer maintains a list of geotechnical professors, advisors, and students at the universities within our ASCE Section. The Student Liaison (currently Zachary Fallert) communicates upcoming events, distributes scholarship information, and encourages student participation.
- Student research posters are presented during the annual Case Histories Seminar as well as several short student presentations. Students have also been included as presenters at past GeoConfluence events.
- Student participation is strong at Geo-Structures Confluence and the Case Histories Seminar.
- G-I members routinely present case histories at the University of Missouri’s special graduate lecture series.
- G-I members attend lectures and special events hosted by Missouri S&T and University of Missouri – Columbia .

Supporting G-I Graduate Student Organizations

- The Chapter budgets each year for donations, sponsorships, and grants. These funds may be requested by G-I Graduate Student Organizations or other geotechnical students at the universities within our ASCE Section.
- Donations and sponsorships have been awarded to assist with student trips to national ASCE and G-I conferences and Geo-Wall competitions.
- Funds have also been used to provide student registration at no cost or greatly reduced cost at St. Louis G-I conferences and seminars.
- Geo-Institute Chapter contributed funds toward updated laboratory facilities at the University of Southern Illinois – Edwardsville.
- Two scholarships are awarded annually through the St. Louis G-I Chapter. A third scholarship was added in 2021. Details are in Section 8.

Supporting Younger Member Groups

The Geo-Institute Chapter encourages younger members to become active by attending meetings and events, giving presentations, volunteering for service positions, and participating in student events.

Because the Chapter has been an active part of the geo-community in St. Louis for so long, we have many long-time members who understand the value of participation in the Chapter, and who encourage younger members to participate. Members can volunteer for responsibilities which can be as simple as ordering pizza for a webinar, or greeting attendees at the conference. Other volunteer positions are also available, such as the two scholarship administration sub-committees and Student Liaison position. Officer elections are held every two years, and members always encourage younger members to serve in that way.

Through the student involvement in our Chapter events, many students make contact with professionals and advance into full-time jobs after graduation. These students often remain active in the Geo-Institute because of their positive experiences as students.

7. Providing relevant ethics presentations

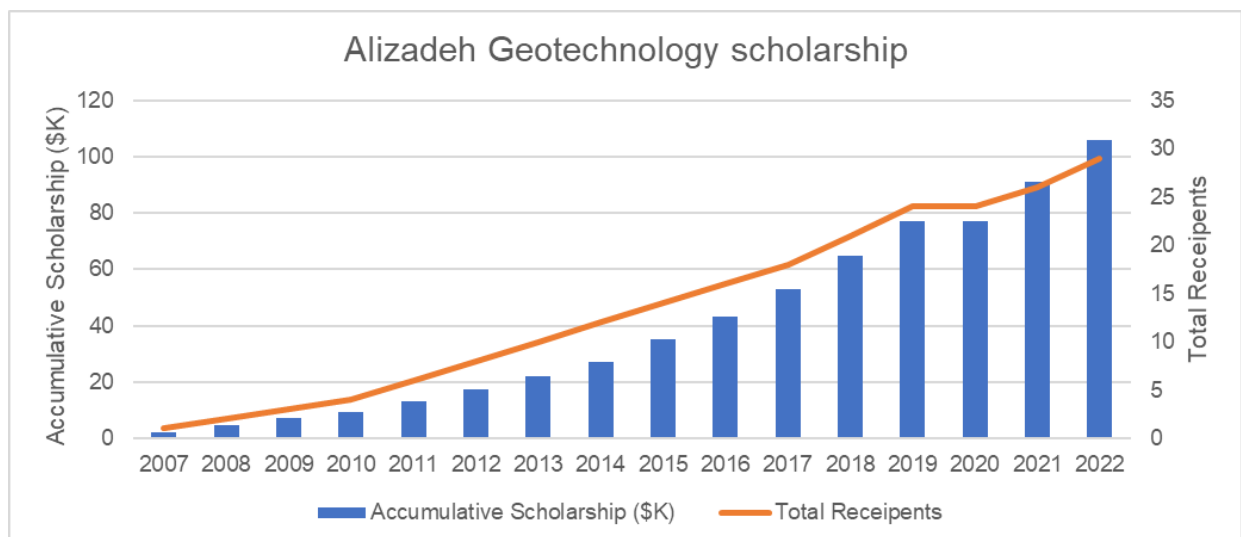
Missouri is not a state that requires ethics hours towards professional development; however, we have had forensics presentations at each of the last two Geo-Structural Confluence conferences. These presentations often address ethical dilemmas in engineering failures. Past presentations at the event have included career retrospectives by prominent geotechnical engineers in the St. Louis area, and these often address ethical challenges and how they were handled and resolved. In 2021, Dr. Gunalan presented the latest changes to the ASCE Code of Ethics at the ASCE March luncheon; and in 2022, Aaron Mann gave a presentation on **Ethical Lessons from the FIU Bridge Collapse** at the 2022 Structural and Geo-Confluence.

8. Providing scholarships to geotechnical students:

Our Chapter continues to provide much needed support to students in our region every year. In addition to the two established scholarships described in subsequent sections, we added a third scholarship to provide students additional funding with a donation from a former regional geotechnical professor.

Alizadeh Geotechnology scholarship

The Alizadeh Geotechnology scholarship was started in 2007 by a generous donation by the Alizadeh family. The scholarship is in the name of Mike Alizadeh, a long time prominent geotechnical engineer in St. Louis. This scholarship fund and award process is administered by a subcommittee within the G-I Chapter. The scholarship is awarded during the ASCE St. Louis Section's Annual Awards Dinner.



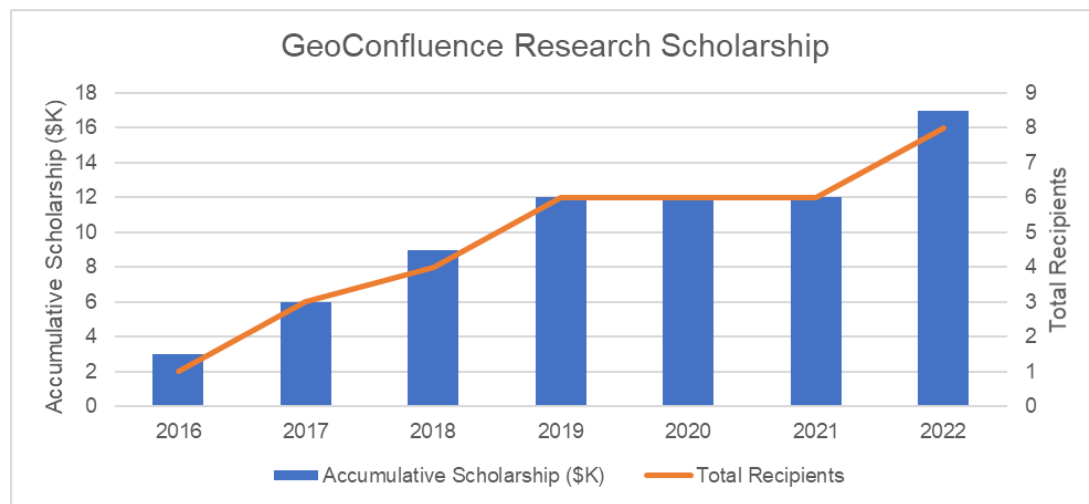
Since 2007, we have awarded **29** scholarships for a total of **\$106,000**. In 2022, we awarded the scholarship to **three** regional Master's level geotechnical students.



Ana Laura Errigo (Left), Lucia Moya (Middle), and Travis Shoemaker (Right) receive the 2022 Alizadeh Geotechnological Scholarship

GeoConfluence Research Scholarship

The GeoConfluence Research Scholarship has been awarded each year since 2016 using proceeds from the Structural and Geo-Confluence. This is a research-based scholarship awarded to a local student pursuing a Master (thesis option) or Ph.D. degree specializing in Geotechnical/Geoenvironmental engineering at a university within the ASCE St. Louis Section. The scholarship is aimed to promote geotechnical research that would benefit the local state of geotechnical engineering practice. The scholarship is awarded during the Structural and Geo-Confluence.



Since 2016, we have awarded **\$17,000** in scholarships to six students from Southern Illinois University – Edwardsville, Southern Illinois University – Carbondale, and Missouri S&T in Rolla. In 2022, we awarded a total of **\$5,000** to **two** regional geotechnical students.



Mostafa Ebrahimi (left) and Rooholla Farzalizadeh (right) received the 2022 GeoConfluence Research Award

Shamsher Prakash geotechnical Scholarship

The Shamsher Prakash Geotechnical Scholarship was created in 2021 and is open to all undergraduate students that are pursuing a degree in Civil Engineering or Geological engineering with an emphasis in geotechnical engineering and is enrolled at one of the universities within the ASCE St. Louis Section. The intent of the scholarship is to provide financial assistance for geotechnical studies towards a bachelor's degree. The scholarship awardee is selected annually based on their enthusiasm for geotechnical engineering studies, their appreciation of the importance that field experience plays in the professional growth of an engineer, and their academic record. In 2021 and 2022, the scholarship fund has been awarded to **two** undergraduate students with an emphasis in geotechnical or geological engineering.



Gabrielle Kowalik (Left picture taken in 2021) and Cecelia Herwig (Right picture taken in 2022) received the Shamsher Prakash Geotechnical Scholarship

9. Outreach: K-12 programs, public service/awareness, championing sustainability principles

Active K-12 outreach programs

St. Louis G-I Chapter members routinely volunteer for K-12 outreach programs, including special events during Engineer's Week at the St. Louis Science Center and STEM volunteering with K-12 girls through the Girl Scouts of Eastern Missouri.

A portion of the G-I Chapter's yearly fiscal surplus remains with the ASCE St. Louis Section. These funds can be distributed to many of the other committees and Institutes within the Section, providing funding to those that might not otherwise have a source. Examples are the Career Guidance Committee (responsible for K-12 outreach programs), Student Involvement Committee, Sustainability Committee, Government & Public Relations Committee, and others.

Public service/Awareness

G-I Chapter member Dennis Boll is also the Chapter's Government Relations Chairperson and in 2018 participated in the preparation and announcement of the Infrastructure Report Card. Dennis also leads the Chapter's activities for legislative drive-ins and fly-ins. Members are also helping to circulate the report card to the public, as well as to state and national legislators.

Sustainability

Sustainability topics have been included in many of our conferences and other events, in the form of case studies as well as student research presentations.

An active Geo-Institute member volunteered to chair the Sustainability Committee within our ASCE Section. Siavash Zamiran has already organized a recent seminar to promote sustainability concepts and solutions.

10. Setting and achieving healthy membership goals:

Membership is encouraged by offering lower registration fees for ASCE/G-I members at many of the conferences and events hosted by the St. Louis Geo-Institute Chapter. We have also included a brief presentation at one of the annual conferences to promote the D.GE designation for professionals.

Diversity and Inclusion

The St. Louis area universities and engineering firms within the region include a highly diverse group of professionals and students. Specifically, we had a **record-breaking attendance of 33 students** at 2022 Structural and Geo-Confluence this year. The Chapter strives to ensure that the diversity is represented at our events, as well as within the committee itself. We extend open invitations to any person, regardless of their race, sexual orientation, or disabilities to join our committee and attend our events. Proof can be found by witnessing those who attend our conferences, meetings, as well as the student population we continue to assist and communicate with.

11. Other Notable Activities:

Working through the Covid-19 pandemic in 2021 and 2022

The pandemic has provided multiple challenges to the St. Louis Chapter's traditional event formats. Financial burdens created by the pandemic pale when compared with the big picture, but still have created roadblocks to our ultimate goals. Our events are designed to provide high quality services and events to our professional community and students. Surpluses from these events allow us to sponsor regional universities and fund scholarships.

However, the pandemic has allowed us to rethink some of our more traditional events and find creative solutions to still provide the quality and services that are our ultimate goals. Monthly committee meetings have

been held virtually since 2020 and starting in 2022 virtually and in-person combined, often with more attendance than traditional meetings. Our conference subcommittee did an exemplary job creating a virtual conference on short notice. The event was not only a success from a technical presentation standpoint, but also a financial standpoint. The financial success from the 2021 Structural and Geo-Confluence allowed us to continue with our scholarship plans for 2022 and beyond. This proves that we can adapt to the changing times we have found ourselves in with regards to the pandemic, and still achieve the goals we set out to do as a Chapter.

Our Case Histories event, which is typically an evening event held at a local venue, was instead replaced with a “virtual site visit” in 2021 to provide a fresh take on the virtual events we have all attended throughout the pandemic. We were proud to have multiple students also provide presentations during the event, giving them a chance to showcase their research and presentation skills.

We are proud to have met the challenges from the Pandemic in 2021 and 2022, and we are fully equipped to make 2023 another successful year for the Chapter.

Nomination Prepared By:

Xiaomin You

Signature/Electronic Signature:



Phone:

314 206 4354

Email:

Xiaomin.You@wsp.com

Date:

01/30/2023

<https://www.geoinstitute.org/community/chapters/best-chapter-award>.

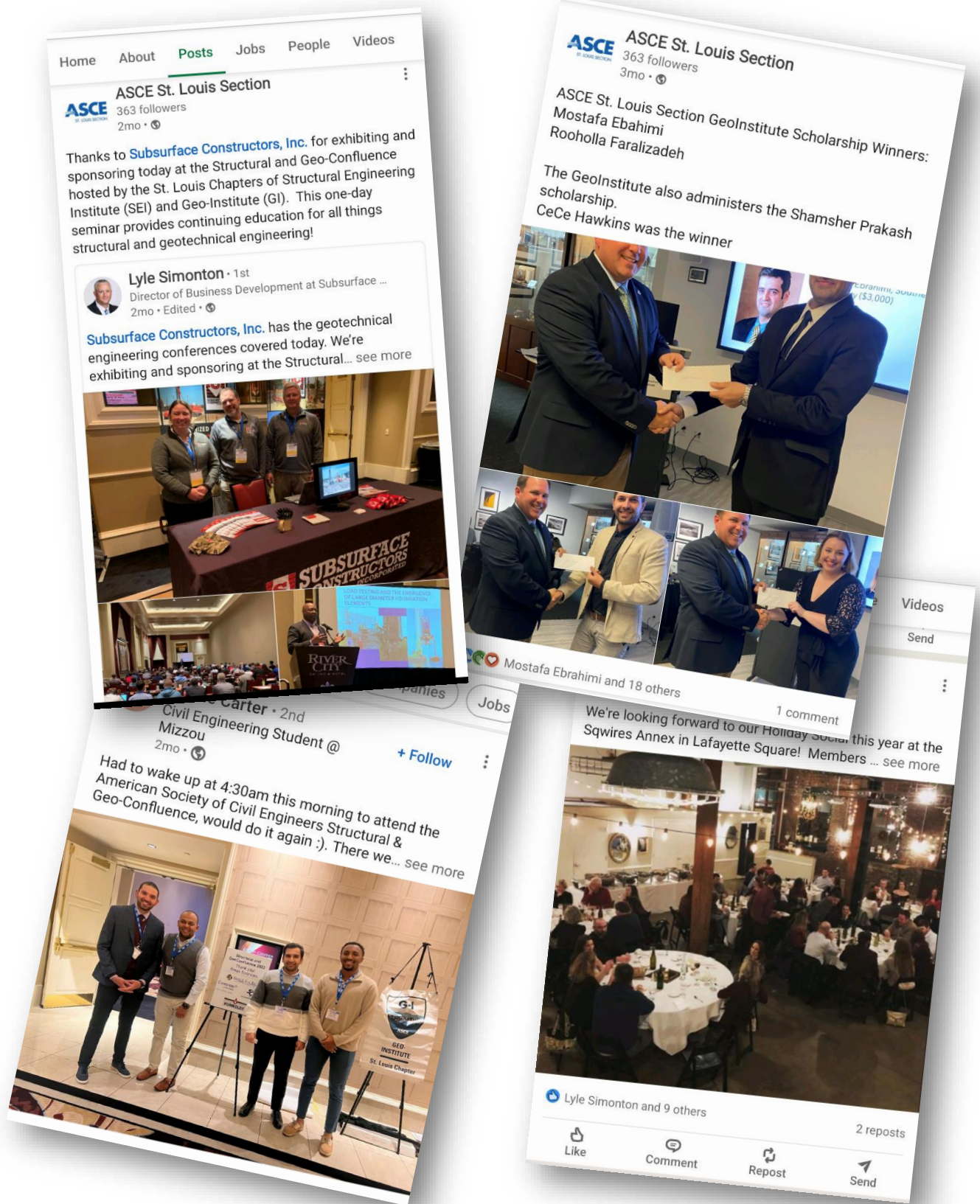
Please see the application website (above) for application deadline After completing the form and attaching Appendix items, print/combine the pages to one PDF document and submit to Krystina Scott at kscott@asce.org If hard copies are desired, they can be sent to:

Krystina Scott, Geo-Institute of ASCE, 1801 Alexander Bell Drive, Reston, VA 20191-4400

Thank you for supporting the Geo-Institute!

APPENDIX

Example of Social Media Posts



Example of Geo-Confluence Announcement and Agenda

Structural and Geo-Confluence



**GEO-
INSTITUTE**
St. Louis Chapter



**STRUCTURAL
ENGINEERING
INSTITUTE**
St. Louis Chapter

Structural and Geo-Confluence

NEW LOCATION

Wednesday, November 2, 2022
River City Casino, St. Louis, Missouri

Registration is open for the seventh annual Structural and Geo-Confluence hosted by the St. Louis Chapters of SEI and GI. This one-day, in-person conference is open to all, and will be held from 8 a.m. to 5 p.m. Registration opens at 7:15 a.m., with a continental breakfast and lunch provided.

Agenda includes:

- Engineering Challenges for the Future of Transportation – Silas Nichols, FHWA, Geo-Institute Cross-USA Lecture
- Ethical Lessons from the Bridge Collapse at Florida International University – Aaron Mann, Terracon
- New Tornado Load Design Requirements in ASCE 7-22 and the 2024 IBC – Marc Levitan, NIST
- Design and Performance of Energy Foundations – Tugce Baser, University of Illinois
- Residual Load and Downdrag Impacts on Static Load Testing and Design of CFA piles – Scott Jacobs, Keller
- Installation of a cutoff wall along the Mississippi River – Matteo Bertoni, Bauer Foundations
- Design/Build Approach to Economize APG Piles for Dock Line Replacement, Hartford/Roxana IL – Morgan NeSmith, Berkel
- Geotechnical Aspects of the I-270 North Design Build Project – Adrian Keller, Terracon
- Repairs to Damaged Buildings - Code upgrades vs Pre-loss conditions – William Dery, Vertex Companies
- ICC 500 Storm Shelter Design: Code Updates and Requirements – Patrick O'Brien, Larson Engineering
- Hangar Stressing on the 6th Street Viaduct Replacements, Los Angeles – Paul Thurlow, Geo Instruments
- Visual Weld Inspection and Nondestructive Testing – Steve Fuels, Special Inspections and Design

Registration Class	Early Rate by Wednesday, October 12	Regular Rate October 13 to October 27	Late Rate After October 27 and walk-ins
Professional, ASCE Member	\$195	\$250	\$295
Professional, non-ASCE Member	\$250	\$295	\$295
Full-time Students	\$75	\$100	\$110
Local, State, or Federal Government*	\$180*	\$200*	\$295
Exhibitor (includes 1 registration)	\$450	\$450	\$450

*To register with Government Rates, please contact Stephanie Spann

Exhibitors opportunities are available, in addition to meal and break sponsorships. Please contact Lyle Simonton at lsimonton@subsurfaceconstructors.com or 314-421-2460 x101 to discuss these options.

Register at <https://tinyurl.com/Confluence2022register>

Vegetarian and other meal options are available. Please contact Stephanie Spann with your request. Refunds must be requested before October 27, 2022. Any refund will be subject to a 15 percent cancellation fee. Registration may be transferred to another person by advanced notice to Stephanie Spann (sspann@davidmason.com).



Example of Newsletter

You, Xiaomin

From: ASCE St. Louis Section, Geo-Institute Chapter <xiaominyou@gmail.com>
Sent: Tuesday, May 3, 2022 11:53 AM
To: You, Xiaomin
Subject: St. Louis Geo-Institute News and Election Notice- May 2022



St. Louis Geo-Institute News and Election Notice

Hello everyone,

Included in this month's email are details regarding the GI election notice, call for Structural and Geo-Confluence 2022 abstracts, and reminders about the upcoming events and scholarships!

As always, thank you for your support of ASCE and the Geo-Institute.

Sincerely,

Xiaomin (Sophie) You
Geo-Institute Vice Chair
ASCE St. Louis Section
xiaomin.you@wsp.com

Geo-Institute Meeting and Election – Thursday, May 19

Geo-Institute Members,
The St. Louis Geo-Institute Chapter will hold elections on Thursday, May 19 for a new secretary/treasurer. Our bylaws require written notice of the election to all G-I members at least 14 days prior to the election.

Note the special time and location!

DATE: , **May 19, 2022.**
TIME: 4:00 pm
LOCATION: Bar K - 4565 McRee Ave, St. Louis, MO 63110

Join us for the last meeting before the summer break. All G-I members are invited to participate.

Election of a new Secretary/Treasurer will take place at this meeting, along with discussions of the 2022/2023 budget and other topics.

Nominees for Secretary/Treasurer are Zach Fallert and _____ (write-in vote for another candidate). For Write-in, please reach out to [Jake](#).

From Zach:

Mr. Fallert has been an ASCE member since 2011 when he joined as a freshman at the University of Missouri – Columbia. During college, Mr. Fallert was active in the student ASCE and GI chapters, including serving as president of the Geo-Wall competition team. After obtaining a B.S. in Civil Engineering, he retained his active membership and has attended several local ASCE events, including presenting at the 2021 Geo-Structural Confluence.

Mr. Fallert now works as an Engineer with Geosyntec Consultants and has over six years of geotechnical engineering experience, in addition to being a Professional Engineer in Missouri, Illinois, and Alabama. Mr. Fallert has worked in numerous areas of geotechnical engineering including: geotechnical investigations, retaining wall design, slope stability assessments, foundation design, material characterization, settlement assessment, heavy civil design and earthwork construction, construction quality assurance, and the installation and monitoring of geotechnical instrumentation. This work was performed in a variety of projects including transportation, railway, dam safety, and waste containment for clientele including multiple state DOTs, federal government agencies, railroads, power generation companies, mining companies, and manufacturing companies.

St. Louis Geo-Institute Scholarship Opportunities

The St. Louis Chapter of the Geo-Institute of ASCE is calling applications for a few scholarships, including:

- Alizadeh/Geotechnology Scholarship - Students pursuing a **Master's** degree in Civil or Geological Engineering with an emphasis in geotechnical or environmental engineering are eligible.
- GeoConfluence Research Scholarship - Students pursuing a **Master's** degree (thesis option) or **Ph.D. degree** specializing in geotechnical/geoenvironmental engineering at a university within the ASCE St. Louis Section are eligible.
- Shamsheer Prakash Geotechnical Scholarship - Students pursuing a **Bachelor's** degree with an emphasis in Geotechnical or Geological Engineering at a university within the ASCE St. Louis Section are eligible. Deadline for RECEIPT of applications is **May 6, 2022**.

For more information regarding application, please contact current officers of St. Louis Geo-Institute as listed below or visit [Geo-Institute Chapter](#).

Structural and Geo-Confluence 2022 Call for Abstracts

The St. Louis Chapters of the Geo-Institute (GI) and Structural Engineers Institute (SEI) are now accepting abstracts for the 7th Annual Structural and Geo-Confluence. The planning committee is seeking speakers to provide a 30- to 60-minute presentation focused on structural engineering, geotechnical engineering, or geo-environmental topics with specific preference given to topics that overlap these focus areas. All persons are encouraged to submit an abstract to Nick Roth at nick.roth@jacobs.com by **July 17, 2022**.

[Event Flyer](#).

SuperPile 2022

Save the Date for SuperPile '22 which will be held in St. Louis, **June 15–17, 2022**. Please check the event website at <https://www.xcdsystem.com/dfi/program/2D2hmzD/index.cfm>

The technical committees of DFI and ADSC combined their industry expertise to organize SuperPile '22. This three-day conference includes presentations on the latest developments in:

- Driven piles
- Augered cast-in-place/drilled displacement piles
- Micropiles
- Marine foundations
- Testing and evaluation of foundation systems
- Seismic and lateral loads
- Drilled shafts
- Ground improvement (related to piling)
- Helical piles and tiebacks

Stay Connected

Bookmark the NEW WEB SITE for the [ASCE St. Louis Section](#), and find the [Geo-Institute Chapter](#) under the Resources tab. The [Events](#) page will be the place to find information on everything going on in the St. Louis Section and all of its Institutes/Committees.

Have you seen the ASCE St. Louis Section on LinkedIn? Follow the Section [here](#) and share with your network.

This email is being sent to the most recent Geo-Institute membership roster from ASCE's records. There is an "unsubscribe" link at the bottom of this message.

Contact [Xiaomin \(Sophie\)](#) if you need assistance.



Visit our Website

ASCE St. Louis Section | The Engineering Center, 4359 Lindell Blvd.,
St. Louis, MO 63108

[Unsubscribe xiaomin.you@wsp.com](#)

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Sent by xiaominyou@gmail.com powered by



Example of Scholarship Forms

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section Shamsher Prakash Geotechnical Scholarship

Thank you for your interest in the Shamsher Prakash Geotechnical Scholarship. The scholarship committee has prepared the following summary to provide you some background. Please review the entire application package. We look forward to receiving your application.

INTENT

The Shamsher Prakash Geotechnical Scholarship fund was established in early 2021 with a donation by the Prakash Family to the American Society of Civil Engineers (ASCE) St. Louis Section. The scholarship is currently administered by a subcommittee within the ASCE St. Louis Geo-Institute Chapter. **The 2022 scholarship fund will provide an award total of \$1,000. The scholarship committee will award the full amount to a single applicant in 2022.**

It is the intent of the scholarship committee to award the scholarship to an undergraduate student who is pursuing a Bachelor's Degree in Civil or Geological Engineering with a geotechnical emphasis and is enrolled at one of the universities within the ASCE St. Louis Section area during the Fall 2022 term. Added recognition will be noted for applicants who are ASCE Student Members.

Dr. Prakash is a nationally and internationally recognized geotechnical engineer with an outstanding record of teaching, research and professional service. His professional career started at Roorkee in India and continued to grow in the United States when he came here in 1978. Dr. Prakash spent much of his career as a Professor of Civil Engineering at the Missouri University of Science and Technology. He has chaired five international conferences in geotechnical earthquake engineering and soil dynamics and another six on case histories in geotechnical engineering.

Dr. Prakash has co-authored four books: "Soil Dynamics", "Machine Foundation", "Pile Foundations" and "Fundamentals of Soil Mechanics" as well as approximately 300 papers printed in various professional journals and presented at conferences. He is the President of the Shamsher Prakash Foundation which has two annual "Shamsher Prakash Awards", one for Excellence in Research and the other for Practice of Geotechnical Engineering.

In recognition of his academic and professional achievements, Dr. Prakash was named a Distinguished Member of the American Society of Civil Engineers (ASCE) in 2011 - this is the Society's highest accolade. In addition, the Technical University of Civil Engineering, Bucharest Romania, conferred the degree of Doctor, Honoris Causa to Dr. Prakash in 2003, and the University of Illinois (UIUC), has recognized him as a Distinguished Alumnus of

Civil Engineering in 2004. The Indian Institute of Technology, Roorkee, recognized him as a Distinguished Alumnus in 2008.

The Shamsher Prakash Geotechnical Scholarship will be awarded in 2022 for the fall session. Procedures for 2023 and subsequent years may be revised from those contained herein.

SCHEDULE

The proposed schedule for application and award of the 2022 Shamsher Prakash Geotechnical Scholarship is as follows:

June 1, 2022

~~May 6, 2022~~ - Deadline for **RECEIPT** of applications (not postmarking/shipping).

September/October 2022 - Award scholarship at 2022 Annual Award Banquet
(Attendance preferred but not required)

SCHOLARSHIP STRUCTURE

Criteria: The Shamsher Prakash Geotechnical Scholarship is open to all undergraduate students that are pursuing a degree in Civil Engineering or Geological engineering with an emphasis in geotechnical engineering and is enrolled at one of the universities within the ASCE St. Louis Section. The intent of the scholarship is to provide financial assistance for geotechnical studies towards a bachelor's degree. The scholarship awardee would be selected annually based on their enthusiasm for geotechnical engineering studies, their appreciation of the importance that field experience plays in the professional growth of an engineer, and their academic record.

Award Value: The total scholarship fund will be valued at **\$1,000** for 2022.

Award Notification: It is intended that the awardee(s) will be notified in writing by the chairman of the scholarship committee. The name and biographical details of the awardee will be submitted to the St. Louis Section Newsletter.

Scholarship Committee: The Shamsher Prakash Geotechnical Scholarship is administered by a subcommittee within the ASCE St. Louis Geo-Institute Chapter. The Scholarship Committee reserves the right to the final awardee decision and the number of scholarships awarded.

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section

Shamsher Prakash Geotechnical Scholarship

2022 Application Form

ELIGIBILITY REQUIREMENTS:

An applicant must be currently enrolled for their **Bachelor's Degree** in Civil or Geological Engineering with a geotechnical emphasis. Students currently seeking a Master's or PHD are not eligible for this scholarship. Applicants are encouraged to be members of ASCE. Visit the ASCE St. Louis Section web site at <http://sections.asce.org/stlouis> for ASCE membership applications.

APPLICATION PROCEDURES:

A complete scholarship application package must be received by the Shamsher Prakash Geotechnical Scholarship Committee by the deadline indicated below. The package must include a complete scholarship application (signed) including an essay of not more than 500 words, and current unofficial transcript(s). Complete applications should be emailed to the Vice-Chair. If you decide to submit letters of recommendation, they may be emailed separately. Only complete applications will be considered.

Send all application materials to: Travis Kassebaum, Secretary/Treasurer
Shamsher Prakash Geotechnical
Scholarship Committee
Travis.Kassebaum@terracon.com

DEADLINE FOR RECEIPT: *May 6, 2022*

HELPFUL HINTS

- ◆ We suggest you type your application, although an application legibly printed in blue or black ink is acceptable. Neatness counts! No matter how good your credentials are, carelessly completed applications will be evaluated unfavorably.
- ◆ You may obtain letters of recommendation from people you know well who can provide details about your academic performance, goals, and work habits, but these are not required. Up to three recommendation letters are allowed. They may come from teachers, counselors, employers, and colleagues. Letters from friends or relatives will not be accepted. Letters of recommendation are **not** confidential. **Please give your references ample time to write the letters and confirm that they will submit the letters before the deadline.**
- ◆ Have someone proofread your application materials.

(Type or print neatly using blue or black ink. Illegible applications will be rejected.)

7. CLASS LEVEL AS OF FALL 2021

☐ Freshman
☐ Sophomore
☐ Junior
☐ Senior

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section
Shamsher Prakash Geotechnical Scholarship
2022 Application Form

8. CURRENT ACADEMIC MAJOR _____

7. COLLEGES/UNIVERSITIES ATTENDED (*List current school first*)

Name	City, State	Dates Attended	Degree Received	GPA
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_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

8. UNIVERSITY AND EXPECTED DATE OF GRADUATION

(*Institution, Quarter/Semester and Year*)

9. EXTRACURRICULAR INVOLVEMENT (*Include memberships, offices and activities from high school, college, community and volunteer organizations. Add an additional sheet if necessary.*)

High School: _____

College: _____

Community/Volunteer: _____

10. HONORS AND AWARDS (*Include special awards, prizes, scholarships, and recognition. List the school or organization that granted the award. Add an additional sheet if necessary.*)

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section
Shamsher Prakash Geotechnical Scholarship
2022 Application Form

12. PLEASE INCLUDE DISCUSSING YOUR INTEREST IN A CAREER IN
GEOTECHNICAL ENGINEERING (*Essay should be not more than 500 words, it can be
included on separate sheet*)

13. NAME AND E-MAIL OF REFERENCES (Providing Letters of Recommendation are
Optional. *Up to three references can be provided. See Letter of Recommendation form at the end
of this application.*)

Name

E-mail Address

Reference 1: _____

Reference 2: _____

Reference 3: _____

14. TRANSCRIPTS ENCLOSED _____ (*Check Here*)

CERTIFICATION AND AUTHORIZATION RELEASE

I certify that all information I have provided on this application is true to the best of my knowledge.

I authorize the St. Louis Section, ASCE, to release letters of recommendation, applications and accompanying documents and to publicize my scholarship award if I am a recipient.

Signature: _____

Date: _____

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section
Shamsher Prakash Geotechnical Scholarship
Letter of Recommendation (Page 1 of 2)

INSTRUCTIONS: Thank you for participating in the application process for the year 2022 Shamsher Prakash Geotechnical Scholarship. So that we may fully consider the applicant's qualifications for the scholarship, **please complete this form and email it to:**
Travis Kassebaum, Secretary/Treasurer, Shamsher Prakash Geotechnical Scholarship Committee Travis.Kassebaum@terracon.com

Applicant's Name: _____

This form must be RECEIVED by May 6, 2022. This is **not** confidential, and the student may view the statement upon request.

Your Name: _____

Occupation: _____ Employer: _____

Address: _____

City, State, Zip: _____

Daytime Phone: _____ E-mail: _____

Relationship to Applicant: _____

QUESTIONNAIRE

P = Poor F = Fair G = Good E = Excellent

1. How long have you known the applicant? _____
2. How would you rate the applicant's motivation for learning? P F G E Unknown
3. How would you rate the applicant's prospects for a successful career in the geosciences? P F G E Unknown
4. How would you rate the applicant's enthusiasm for the geotechnical engineering profession? P F G E Unknown
5. How well does the applicant get along with others? P F G E Unknown
6. How would you rate the applicant's professional ability? P F G E Unknown
7. How well does the applicant follow through on commitments? P F G E Unknown
8. Additional Comments - See attached page

Geo-Institute Chapter, American Society of Civil Engineers St. Louis Section
Shamsher Prakash Geotechnical Scholarship
Letter of Recommendation (Page 2 of 2)

COMMENTS

Please use this section, to provide additional information regarding why this applicant should be selected for the scholarship. It is suggested that your comments include the following: general and special abilities the applicant possesses, present and potential leadership qualities of the applicant, and the applicant's commitment to the geotechnical engineering profession.

Signature

Date