

1. [Get Involved on Campus](#)
 - a. [Each One, Teach One, TA Support Group: Applications Due October 22nd](#)
 - b. [Sandia National Lab - Info Session - November 1 @ 5:00PM](#)
2. [Professional Development](#)
 - a. [Construction Management Association of America - Rising CM Conference and Career Fair](#)
 - b. ["Got an F?" - F Award Writing Workshop](#)
 - c. [Volunteers Needed for Middle School STEM Outreach](#)
3. [Job Opportunities](#)
 - a. [UW CEE faculty search in the area of Environmental Fluid Mechanics](#)
 - b. [Hiring Tenure-Track Faculty at Michigan Technological University](#)
 - c. [PhD positions in research group @ University of Minnesota](#)
 - d. [UMass Amherst CEE Department EWRE Faculty Position](#)
 - e. [Tenure-Track Faculty Position - Cal State LA](#)
 - f. [Faculty Position Ad - College of Engineering, Michigan State University](#)
 - g. [The University of Colorado Boulder College of Engineering & Applied Science is hiring faculty!](#)
 - h. [Job Opportunity in Atmospheric Composition at SJSU](#)
 - i. [Vacancy Announcement: General Engineer \(Energy Focus\)](#)
 - j. [Faculty position Ad - Case Western Reserve University](#)
4. [Scholarships](#)
 - a. [Scholarship Opportunity from COMTO NorCal](#)

Get Involved on Campus

Each One, Teach One, TA Support Group: Applications Due October 22nd

Applications are opening for the [2021-2022 Each One, Teach One: TA Support Group](#), for the fourth consecutive year. This support group is both professional development, and a critical process for examining and bettering our craft as educators in a safe and supportive environment. They meet once a month, so 8 times total during the academic year. ***It is a cohort***, where folks commit to meeting one Friday a month from 5:00-7:00pm (**Program Dates: October 29th, November 19th, December 3rd, January 21st, February 11th, March 4th, April 8th, and May 13th**). It is open to beginning and experienced TAs, and other graduate student researchers and instructors (you do not need to be currently TAing). Deadline to apply is **Friday, October 22nd at midnight**. Because of the large number of applicants, and the limited size of the group, they'll reply to everyone the week following the application deadline.

About The Facilitators:

They are a collective of current graduate students with combined decades of teaching and youth development experience, committed to decolonial and revolutionary pedagogies, and graduate student health.

The first session will be held in-person, on campus, the rest TBD, depending on safety. To **apply, and for more detailed information** about the "Each One, Teach One: TA Support Group" see: <http://tinyurl.com/tasupportgroup>

Sandia National Lab - Info Session - November 1 @ 5:00PM

Please join the College of Engineering for a virtual information session featuring [Sandia National Lab](#) (SNL)! Panelists will discuss SNL mission and goals, research topics, and job opportunities. Come hear directly from UCD alumx/current lab employees for details about working at SNL.

Open to all COE graduate students | Network with colleagues | Learn about SNL | Meet new people

Registration: https://ucdavis.co1.qualtrics.com/jfe/form/SV_6u2pMjnv4bNp8q

Contact Alin Wakefield amwakefield@ucdavis.edu with questions about this event.

Professional Development

Construction Management Association of America - Rising CM Conference and Career Fair

Rising CM Conference is locked in for Friday, November 5, 2021. Although there is a in person component in Southern California, a full participation in the event can be accomplished virtually.

Registration is **free for students** and gives them the opportunity to have discussions with many top Construction Management and AEC firms, attend education sessions and if interested, participate in a student RFP competition with the potential for prize money.

Registration can be accomplished at the below link and specific information on the RFP Student Competition can be found at the second link.

Registration: <https://www.cmaasc.org/Rising-CM-Conference>

Student Competition <https://www.cmaascfndn.org/RFP-Application> (Submissions for this are due 10/22/2021)

"Got an F?" - F Award Writing Workshop

Got an F?

The Cancer Center's Office of Education, Training, and Career development is offering **two information sessions** for the **2022 F Award Writing Workshop**:

Got an F? – Information Session for the F Award Writing Workshop

December 7th | 12:00 pm - 1:00 pm

[Register](#) and learn more!

Got an F? – Information Session for the F Award Writing Workshop

December 15th | 12:00 pm - 1:00 pm

[Register](#) and learn more!

By participating in the workshop, you will gain a solid understanding of the creative, scientific, and organizational and administrative aspects of preparing a competitive fellowship application. You will have supportive guidance on each section of the application to develop, revise, and prepare an F award series NIH fellowship application with constructive input from peers and individual mentors. **At the end of the program, participants will have a completed, well-reviewed application ready for submission to the NIH.**

Why Get an F?

- Receive [stipend and tuition](#)
- Establish your credibility
- Examine what is most important about your research (and why anyone would give you money for it)
- Improve critical grant writing skills early on in your career
- Practice communicating about your research succinctly
- Update yourself on the literature
- Foster new collaborations

Comments from past participants:

- "This is the most useful workshop I've taken at UC Davis so far." — Jennifer, Department of Molecular and Cellular Biology

[Volunteers Needed for Middle School STEM Outreach](#)

[STEM Squad](#) is an after school STEM program for middle school students facilitated by the UC Davis graduate student organization Equity in Science, Technology, Engineering, Math, and Entrepreneurship ([ESTEME](#)).

They are looking for volunteers to help lead or facilitate activities in-person at Holy Rosary Catholic School and Winters Middle School this quarter. There is no experience or specific knowledge background required -- just a passion for STEM and a willingness to work with and encourage inquisitive, intelligent, and energetic kids!

Check out [STEM Squad Calendar](#) for the dates and times of all of activities and prep sessions.

To sign up to be a STEM Squad volunteer (help facilitate activities) this quarter, please fill out [this form](#).

To sign up to be a STEM Squad activity lead (design and lead activities) this quarter, please fill out [this form](#).

Note: If you filled out the forms that were sent around last week, all of the responses were accidentally deleted, so please fill out the new forms above if you are still interested.

If you have questions, please contact their activity and volunteer coordinator, Hannah Nelson (hnelson@ucdavis.edu).

Job Opportunities

[UW CEE faculty search in the area of Environmental Fluid Mechanics](#)

The UW Department of Civil and Environmental Engineering (CEE) invites applications for an Assistant Professor in Environmental Fluid Mechanics (EFM) with a focus on numerical modeling of coastal and/or estuarine systems. This is a full-time, tenure track position, on a 9-month service period, with an anticipated start date during the 2022-23 academic year.

The successful candidate will be expected to engage in research, teaching, and service. Their department offers a highly collegial and collaborative culture, with broad interdisciplinary research ties and opportunities. The UW has an active community of researchers in EFM and Coastal Processes within CEE and across UW. The candidate will develop new areas of strength for the department, and collaborate with colleagues within EFM, CEE and throughout the university. In teaching, the candidate will expand CEE course offerings at the undergraduate and graduate levels to include courses related to coastal hydrodynamics and numerical modelling. In all aspects of this position, the candidate will be expected to take concrete actions toward creating a diverse, inclusive, and equitable environment. The position will be expected to engage in research, teaching, and service that fosters constructive interactions with impacted stakeholder groups and/or addresses issues of environmental justice.

Their department strives to create an inclusive and welcoming environment where people of all backgrounds, who bring a range of perspectives and life experiences, are welcomed, heard and supported. The successful candidate will be expected to contribute positively to these efforts. UW encourages applications from women and minority candidates, individuals with disabilities, and people from other underrepresented or minoritized groups.

Additional information is available here: <https://apply.interfolio.com/94803>

Hiring Tenure-Track Faculty at Michigan Technological University

Michigan Technological University, Department of Civil, Environmental, and Geospatial Engineering invites applications for a tenure-track Assistant Professor position. Applicants for the position are required to have PhD in geospatial engineering, civil engineering, environmental engineering, surveying or closely related discipline.

The university's Tech Forward initiatives focus on building research in autonomous and intelligent systems, data revolution and sensing, natural resources, water and energy, and sustainability and resilience. Research areas include but are not limited to geospatial/surveying engineering (GIS, remote sensing, LiDAR, photogrammetry, UAS mapping, structure from motion, big data sets and data fusion), water resource engineering (intelligent water systems, e.g., modeling and simulation, machine learning, advanced sensing techniques), structural engineering (risk, reliability, resilience assessment, enhancement of infrastructure systems, structural health monitoring, machine learning techniques), environmental engineering (transport and transformation of emerging contaminants; environmental sensors and monitoring; big data analysis and modeling; engineering for sustainability and resilience; industrial ecology; sustainable energy and materials; and environmental biotechnology), and geotechnical engineering (multi-hazard assessment and risk mitigation for resilient infrastructure, intelligent geosystems, coastal geotechnics, AI geotechnics, and data innovation).

Successful candidates will be expected to teach both undergraduate and graduate level courses. Develop external funding in support of research. Be recognized by your peers for your excellence in research and creation of knowledge. Foster and contribute to a collaborative culture within your workplace. Engage in professional service activities within the department, university, community, and technical organizations. Employees are expected to apply safety-related knowledge, skills, and practices to everyday work and commit to learning about continuous improvement strategies and applying them to everyday work.

For full consideration, complete application packages should be received by November 15, 2021. Apply online: <http://www.employment.mtu.edu/cw/en-us/job/492686>.

Michigan Tech attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Applicants who are committed to promoting a sense of belonging and contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply (<https://www.mtu.edu/diversity-inclusion/>).

Located in Houghton, in the heart of Upper Michigan's scenic Keweenaw Peninsula, the university is just a few miles from Lake Superior. The surrounding area is perfect for enjoying outdoor activities

throughout the year.

Michigan Tech recognizes the importance of supporting faculty members' partners; candidates selected for on-campus interviews will be invited to bring a guest. Additional details on the Partner Engagement Program can be found at <https://www.mtu.edu/provost/programs/partner-engagement/>.

Michigan Tech is proud to be an ADVANCE Institution that has thrice received National Science Foundation support to increase diversity, inclusion, and the participation and advancement of women and underrepresented individuals in STEM.

Michigan Tech is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities. To apply: <http://www.employment.mtu.edu/cw/en-us/job/492686>

PhD positions in research group @ University of Minnesota

Professor Kang plans to accept two Ph.D. students for Fall 2022, who will be based in his research group at the University of Minnesota. Recruited students will focus on the research area of "flow and reactive transport in fracture networks."

The details can be found in the attached flyer.

UMass Amherst CEE Department EWRE Faculty Position

Assistant Professor in Environmental and Water Resources Engineering within the Department of Civil and Environmental Engineering at UMass Amherst. See more details attached.

Tenure-Track Faculty Position - Cal State LA

Tenure-Track Assistant Professor – Hydrology/Water

The position description is attached and direct link to the position announcement is below.

Resources: <https://www.calstatela.edu/2022/college-engineering-computer-science-technology/ecst-ce-ttf>

Faculty Position Ad - College of Engineering, Michigan State University

The Department of Civil and Environmental Engineering (CEE) at Michigan State University (MSU) invites applications for a tenure-system faculty position at the Assistant Professor level with an anticipated starting date of August 16, 2022. Candidates must have appropriate academic background and a doctoral degree at the time of appointment.

The Department invites applications from highly motivated individuals who can complement the mission, expertise, and current strengths of the department in teaching, research and service. Applicants from all areas of civil and environmental engineering are encouraged to apply; however, the successful candidate must be able to demonstrate training sufficient to teach environmental chemistry and other courses among those traditionally taught in undergraduate and graduate environmental engineering programs.

The candidate will be expected to develop a nationally recognized research and teaching program and synergistically complement the existing expertise in the Department and College. The successful candidate is also expected to build effective collaborations within the Department, College, and University. All areas of research specialization will be considered, but preference will be given to those that are complementary to existing strengths of environmental engineering faculty. Broadly the existing expertise include environmental separation processes, environmental nanotechnologies, bioremediation, pathogen detection, surface and groundwater contaminant hydrology, sustainability, soil remediation, landfill design and operation, building health (including indoor air quality), and sustainable energy systems.

Required Degree:

Doctorate - Civil or Environmental Engineering, or a closely-related engineering discipline

Required Application Materials:

Interested individuals should submit an application for this position through <http://careers.msu.edu> and refer to posting #739789. Applicants must submit 1) a detailed resume, 2) a cover letter summarizing their qualifications, 3) vision statement for teaching 4) vision statement for research, 5) a diversity statement, and 6) names and contact information for at least three references. Items 3, 4, and 5 should be limited to one page each. For full consideration please submit application materials by December 15, 2021. Application review will continue until the position is filled. Questions about this position are welcome by contacting Dr. Syed Hashsham, Search Committee chair by email at CEE_Search@egr.msu.edu.

Special Instructions:

Review of Applications Begins On
12/15/2021

Website:

<https://www.egr.msu.edu/cee/>

The University of Colorado Boulder College of Engineering & Applied Science is hiring faculty!

The College of Engineering and Applied Science is halfway through a strategic plan to double in size, and their vision is to be a world leader for excellence and innovation in engineering [research](#) and [education](#). One of their core values is inclusive excellence and they seek candidates who are interested in or have demonstrated effectiveness in teaching, mentoring, and inspiring diverse students of all races, nationalities, and genders including first-generation college undergraduates.

The University of Colorado is an Equal Opportunity/Affirmative Action employer and is committed to diversity and equality in education and employment. The University of Colorado Boulder conducts background checks for all final applicants.

They currently have open searches for 10 tenure-track faculty and one teaching-track faculty (instructor). Please read all of the descriptions at https://bit.ly/UCB_CEAS_Faculty_Jobs

One of the departments hiring as part of the open college search is the Dept. of Civil & Environmental Engineering. They plan to hire at the assistant professor level.

Job Opportunity in Atmospheric Composition at SJSU

The Dept of Meteorology & Climate Science at San José State University has a job opening for an Assistant Professor in atmospheric composition. The job posting and link to the application portal can be found here: <https://jobs.sjsu.edu/en-us/job/505603/assistant-professor-meteorologyclimate-science-atmospheric-composition>

Vacancy Announcement: General Engineer (Energy Focus)

SILC ESD-FOB has an open vacancy announcement for a GS-0801-13. The position is a 12/13 ladder with a focus greening the Coast Guard's footprint through reduced energy and water consumption, electric vehicle infrastructure rollout, and renewable energy generation. The announcement closes on 27 October.

<https://www.usajobs.gov/GetJob/ViewDetails/617596800>

Faculty position Ad - Case Western Reserve University

Department of Civil and Environmental Engineering

Faculty Position: Assistant/Associate Professor

The Department of Civil and Environmental Engineering at Case Western Reserve University is seeking applicants for a full-time tenure-track or tenured faculty position in Environmental Engineering. Qualified candidates at the levels of assistant and associate will be considered, with hiring rank and tenure status commensurate with academic accomplishments.

Candidates from all areas of environmental engineering are encouraged to apply; a strong fundamental science/engineering background is desired and the following topics are of specific interest: climate, environmental data science, novel environmental technologies, resource recovery, water-energy nexus, and water quality.

The candidate is expected to complement existing expertise in the Department. Applicants must have, at the time of appointment, a PhD (or equivalent) in Environmental Engineering or a related field. Successful candidates are expected to develop a vigorous, independent, externally funded research program, maintain a strong publication record, advise students, contribute to the existing range of courses and to the development of innovative undergraduate and graduate curricula, and provide services to the department and the university. The successful candidate will have experience working with diverse populations of faculty, staff and students including URM's and women.

Candidates will submit a statement on diversity and inclusion explaining how diversity, equity, and inclusion are valued within your research and discipline(s) and how your own scholarly work might contribute to structural justice inside and outside institutions of higher learning. This statement should also suggest how your work, while as a member of CWRU, will contribute to diversity, equity, and inclusion and how moving forward you intend to foster a culture of diversity, pluralism, and individual difference.

The Department of Civil and Environmental Engineering at Case Western Reserve University is one of the founding departments of the Case Institute of Technology (founded in 1880), one of the forerunners for CWRU. The Department is known for delivering significant professional impacts, for example, the 'Case method' widely used by the deep foundation industry. The Department went through successful fundraising efforts in recent years which allowed it to build the Vanderhoof Infrastructure Research and Education facilities, the Saada Family Geotechnical Engineering laboratory, Richard Saada Intelligent Geosystem laboratory, and more recently, a new concrete laboratory. These represent over \$6M investment in modernizing its research and educational infrastructure in the past 10 years. The Department is affiliated with a \$10M US Department of Transportation National University Transportation Center focusing on infrastructure sustainability and renewal. The Department faculty address crucial water infrastructure needs with support from the \$2.5M NSF Critical Resilient Independent System and Process Project and have additionally secured over \$2M funding in environment related research in recent years. The department features a dynamic, pioneering, and collegial environment and consistently receives high student satisfaction.

Applicants should submit: (1) a letter of application; (2) curriculum vitae; (3) a statement of research interests; (4) a statement of teaching interests; (5) statement on diversity and inclusion, and (6) the names and contact information for at least three references.

Application materials should be submitted as a single PDF file to:

Faculty Search Committee
Department of Civil & Environmental Engineering
Case Western Reserve University
2104 Adelbert Road
Cleveland, Ohio 44106
Email: environment-faculty-search-21@case.edu

Screening of applications will begin immediately and will continue until the position is filled.

Requests for information may be directed to Dr. Huichun (Judy) Zhang (hjz13@case.edu), Chair of the Search Committee.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply.

Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring reasonable accommodation for any part of the application and hiring process should contact the Office of Equity at 216-368-3066 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

Scholarships

Scholarship Opportunity from COMTO NorCal

Northern California Chapter of the Conference of Minority Transportation Officials ([COMTO NorCal](#)) is a national, multi-ethnic professional organization founded in 1971 to advance the representation of minority professionals in the transportation industry, nurture their career growth through networking and training, and champion equitable transportation development.

A cornerstone of COMTO's work is supporting the next generation of transportation professionals by providing financial support for students in need. The Scholarship Committee is currently seeking applicants through **November 1, 2021**, for scholarship awards of \$500 – \$3,000 each.

TWO WAYS TO APPLY

Click [here](#) to fill out your application online.

Click [here](#) to download the application and mail it in.

Feel free to contact me, either by email or telephone should you or a student need more information.