

Hi CEE Graduate Students,

Please see this week's announcements below:

---

### **Job Opportunities**

*Faculty Positions - Clemson University*

*Trussell Technologies Entry Level Engineering Position San Diego*

*STEM Librarian Job Opportunities*

### **Professional Development and New Courses**

*Well Being Course – BIM 298*

*Citadel Spring 2022 Competitions*

*Professional Development Resource Fair*

*The 2022 IWS Challenge*

*AWWA Scholarship Applications*

*Course: Climate Solutions Advocacy: "Be the Media"*

*Wed. Feb 16 @3:10pm - CAMPOS Research Colloquium | Maciel M. Hernández*

*2022-23 DISC Directors Applications*

---

## Job Opportunities

### Faculty Positions - Clemson University

Clemson University is hiring for multiple faculty positions in the School of Civil and Environmental Engineering and Earth Sciences. This is an exciting time of growth for this newly formed school, which brings together two very strong departments and we hope you will share these opportunities with anyone you think may be interested or know of someone interested. The position advertisements and application portal can be accessed using the link beside the position listing.

**Assistant/Associate Professor (2 positions)** – Adaptation to Climate Change

(<https://apply.interfolio.com/99989>)

**Assistant Professor** – Pavement Engineering and Materials (<https://apply.interfolio.com/100985>)

### Trussell Technologies Entry Level Engineering Position San Diego

Trussell Technologies, Inc. is offering a unique opportunity to join our engineering team to work on a variety of ground-breaking projects in the water treatment field. Our team operates in the nexus between science and engineering, filling critical knowledge gaps as the industry pushes the boundary of water treatment. Trussell Tech's San Diego office has supported the design of several notable potable reuse projects in the area building off testing and operation at state-of-art demonstration treatment facilities. By joining our team you'll have the opportunity to influence the future of water treatment through sound scientific methods, engineering design, hands-on research and operation.

*Qualified candidates should submit their resumes to Julia Porras at the email address [hiring@trusselltech.com](mailto: hiring@trusselltech.com).*

## STEM Librarian Job Opportunities

The UC Davis Library plans to hire three librarians to form a new cohort in support of STEM Researchers. Along with their colleagues from the researcher services team, the three STEM research librarians will have the opportunity to develop an innovative suite of services to catalyze UC Davis research in the STEM disciplines. These librarians will enable researchers to discover and access relevant literature and data, analyze patterns of scholarly outputs in their disciplines, effectively manage their research data, better understand the needs of community stakeholders, and share the products of their research with the wider world. These roles will also help pioneer new services in product management and service assessment on behalf of the library and key campus stakeholders.

Open positions are listed below. Applicants for any one of the Researcher Services Librarian positions will automatically be considered for all three openings.

STEM librarian: Specializing in Agriculture and Environmental Sciences

STEM librarian: Specializing in Life Sciences

STEM librarian: Specializing in Engineering, Technology, Physical Sciences

Interested in learning more? We invite you to attend one of the following informational sessions, with members of the hiring committee. In these sessions, we will share the vision for these roles, details of the application and interview process, and answer any questions you may have.

### Information Session #1

Mar 11, 2022 12:00 PM Pacific Time (US and Canada)

Register for this session

here: <https://ucdavis.zoom.us/meeting/register/tJUrdOctrzMjGNXYWuHqJkaS20fl4vIJa6ZA>

### Information Session #2

Mar 11, 2022 05:00 PM Pacific Time (US and Canada)

Register for this session here:

<https://ucdavis.zoom.us/meeting/register/tJEuceypqzopHNVIWkfs6NLLDRm15RekqyID>

Rank and salary: Assistant Librarian, Salary Point 1, \$58,365, to Associate Librarian, Salary Point 10, \$82,525. (Appointment rank and salary based on qualifications and experience.)

For additional details and information on how to submit an online application, please visit <https://www.library.ucdavis.edu/careers/>

Candidates applying by April 3, 2022 will receive first consideration. The position will remain open until filled.

## Professional Development and New Courses

### Well Being Course – BIM 298

This course introduces students to mental health issues and select coping skills to deal with common graduate school stresses. This is not a psychotherapy class, but a topical exploration that is based on the workplace mental health disability prevention literature, though personal benefit can be derived from use of the principles that will be discussed. We discuss common stressors for graduate student researchers and key elements of team science and their relation to mitigating potential stress. Class meetings are lecture-discussion with extensive small group discussion. Each weekly 110 minute session will begin with a brief physical wellness activity (breathing, stretching, etc). Please wear comfortable clothing that you can move in, and bring a towel or mat. Some meetings may also involve walking, and you will need to wear comfortable shoes.

### Citadel Spring 2022 Competitions

This spring, Correlation One is inviting you to compete in the [West Coast Terminal](#) and the [West Coast Regional Datathon](#). This is a great learning opportunity for those who are interested in coding/data science and want to showcase their skills in a team based setting.

**Apply NOW to either of these competitions or both**, and win a chance at prize money & recruiting opportunities at Citadel!

Find more event details below, and feel free to email [elaine@correlationone.com](mailto:elaine@correlationone.com) if you have any questions. We look forward to seeing you there!

### Professional Development Resource Fair

The GradPathways Institute is proud to announce the return of the Graduate Student and Postdoc Professional Development Fair during Winter Quarter 2022! The event will take place in-person at the new Graduate Center at Walker Hall.

Wednesday, March 2, 2022

11:00am - 1:00pm

The Graduate Center at Walker Hall

Register at:

<https://w22professionaldevelopmentfair.eventbrite.com>

## The 2022 IWS Challenge

The LIFT program, a joint effort of The Water Research Foundation (WRF) and the Water Environment Federation (WEF), is once again holding the Intelligent Water Systems Challenge to demonstrate the value of intelligent water systems to utilities and thereby foster the adoption of smart water technologies. Additional information regarding the Challenge is located

at <https://www.wef.org/resources/topics/browse-topics-a-n/intelligent-water-systems-iws/>

The Challenge gives professors, students, professionals, and technology aficionados the opportunity to showcase their talents and innovation, with a focus on leveraging data using the best available tools to help utilities better understand the dynamics of complex systems and make better decisions.

The Challenge, which will run from April 11 – September 2, 2022, provides a top prize of at least \$10,000.00. Additionally, a prize sponsored by Xylem, for the “Most Elegant Solution” in the amount of \$2,500.00 will also be awarded.

We encourage professors and students to submit applications. Please see the [informational flyer](#) and [FAQ document](#) for further detail and contact information.

## AWWA Scholarship Applications

If you know a student pursuing a degree in a drinking water related field and looking for a scholarship, the California-Nevada Section of American Water Works Association is accepting scholarship applications through March 15. They have a great program that aims to promote internships with the organizations who sponsor the scholarships. GEI is sponsoring an undergraduate scholarship. The link below provides more information and shares student stories about the impact of their CA-NV AWWA scholarship award.

<https://www.ca-nv-awwa.org/canv/CNS/Membership/Scholarships/CNS/Membership/Scholarships.aspx?hkey=ccb062f9-446f-46e8-9be5-b7d419b2d3a4&zs=8ct4c1&zl=Woh88>

## Course: Climate Solutions Advocacy: “Be the Media”

Brief course description: Lecture/workshop—2 hours. Understand, develop, script, and articulate a climate solution narrative in easily marketable language for direct advocacy purposes. Overview of limitations of conventional hierarchical media and the historic opportunity that digital social media provides to directly build public awareness of climate solutions. Analysis of recent grassroots “people-powered” web videos, petitions, and campaigns that use digital media to build direct support for urgently needed public interest solutions.

Guest instructor, journalist Jonathan Greenberg ([jonathangreenberg.com](http://jonathangreenberg.com)), with Prof. Tom Tomich (ESP) and Prof. Tony Wexler (MAE/CEE/LAWR).

Wed. Feb 16 @3:10pm - CAMPOS Research Colloquium | Maciel M. Hernández

### Brief Description:

Adolescents commonly contend with and navigate sociocultural pressures and structural inequities such as ethnic-racial discrimination that detract youth from reaching their academic potential. Research studies suggest that ethnic-racial socialization, primarily from parents, and promotion of cultural

competence, such as ethnic studies curriculum in schools, provide a positive avenue for youths' academic competence and well-being. However, youth have simultaneous and proximal interactions with multiple socializing agents, including their peers and school. To expand on current research on ethnic-racial socialization, the purpose of this study was to investigate the existence of ethnic-racial socialization patterns across parent, peer, and school sources and to test whether these patterns relate to academic competence in a sample of ethnically diverse youth.

[zoom](#)

## 2022-23 DISC Directors Applications

As we transition into the 2022-23 academic year, the Diversity in STEM Coalition has a few open leadership positions that we are looking to fill!

As a Coalition, our mission is to support the retention and success of marginalized students in STEM at UC Davis and foster community between diversity-focused organizations in STEM by collaboratively hosting professional development events. If you are a UC Davis student interested in supporting this mission, please consider applying to one or more of the positions outlined below.

**[APPLY HERE](#) to be the Diversity in STEM Coalition Director (or Co-Director) by Wednesday, June 30th at 11:59pm!** The following position is open to graduate students only:

Director of DISC

**[APPLY HERE](#) to be a DISC Committee Director by Wednesday, June 30th at 11:59pm!** The following positions are open to current undergraduate and graduate students:

Director of Internal Affairs

Director of External Affairs

Director of Public Relations

Director of Finances

More information about each position's responsibilities, time commitment, and compensation can be found on the respective application. Again, both applications will close on Thursday, June 30th at 11:59pm. Select applicants will then be chosen for interviews during the week of July 5th.

If you have any questions about the application or the selection process, please contact us at [disc.ucd@gmail.com](mailto:disc.ucd@gmail.com). For general information about DISC, please visit our website at <https://disc-ucd.weebly.com>.