

**From:** [Rufa N Pazyuk](#)  
**To:** [coe-cee-grad-students Sympa List](#)  
**Subject:** Weekly Newsletter- Scholarships and Career Positions  
**Date:** Thursday, October 22, 2020 4:21:42 PM  
**Attachments:** [Scholarship Flyer.pdf](#)  
[GS508 TravelAwardAnnouncement - Fall.pdf](#)  
[GS514 Travel Award Application - Fall.pdf](#)  
[IIFH Grad Innovator Fellowship Opportunity.pdf](#)  
[GloCal Flyer 2021.pdf](#)  
[2021 HDR Scholarship Transportation.pdf](#)  
[Scholarship Flyer.pdf](#)  
[Scholarship Application.pdf](#)  
[Scholarship Checklist.pdf](#)  
[Scholarship Recommendation.pdf](#)  
[ISU CCEE Faculty Environmental-Deadline 10-24-20.pdf](#)  
[ISU CCEE Faculty Water Resources-Deadline 11-18-20.pdf](#)

---

Hello Civil and Environmental Engineering Graduate Students,

I hope you are enjoying the beautiful weather in October. Please be sure to view the announcements as soon as possible since some of the deadlines are fast approaching. Another newsletter with events and workshops will be sent out shortly!

---

#### [Career Positions](#)

- [Groundwater Modeler/Hydrogeologist](#)
- [Two Tenure-Track Faculty Positions: Iowa State](#)
- [Recycled Water Unit position](#)

#### [Scholarships and Fellowships](#)

- [AGC Education and Research Foundation Scholarship](#)
  - [Fall 2020 Graduate Studies Travel Award](#)
  - [2021-2022 Internal Fellowship Competition for UC Davis Continuing Academic Graduate Students](#)
  - [IIFH Innovator Fellowship](#)
  - [UCGHI GloCal Fellowship](#)
  - [HDR \\$10,000 Scholarship](#)
  - [2021-2022 ACEC Academic Scholarship](#)
- 

#### [Career Positions](#)

##### [Groundwater Modeler/Hydrogeologist](#)

At Woodard & Curran there's nothing we love more than a tough engineering challenge. We handle a wide range of water and environmental issues—solving complex problems with creativity and tenacity. That's how we make a difference to our clients, people, and planet. Our company was founded on a simple concept: provide a safe and enjoyable place to work with opportunity, integrity, and commitment, and we will attract talented people. Those people are at the heart of our firm, solving some of the most pressing water and environmental challenges for our clients.

**Overview:** We currently have an exciting opportunity for a water resources engineer or hydrogeologist interested in developing innovative solutions to challenging water-related projects, and working with successful project teams. This opportunity will be based in California, specific office location is flexible. The selected candidate will have experience in the water resources and groundwater fields, exceptional communication skills, the ability to interact with clients and stakeholder groups, and experience managing projects and project teams.

**Responsibilities:**

- Development of hydrogeologic conceptual models.
- Development and calibration of hydrologic and groundwater models and application to water resources projects.
- Interpreting model results to support policy and regulatory processes.
- Performing data analysis, visualization, mapping and management with an emphasis on water resources data.
- Performing groundwater management and planning, land use analysis, agricultural and urban water analysis.
- Developing code to support and analyze modeling projects.

**Qualifications:**

- The candidate must be a proactive communicator, both internally and externally, and work with both junior and senior project staff.
- BS in Water Resources Engineering, Hydrology, Hydrogeology, Environmental Science or a related field, MS/PhD preferred.
- Experience working on water resources, groundwater and/or closely related projects; specific experience with local, regional, and watershed scale modeling and planning projects is highly desirable.
- Excellent organizational, writing, presentation and interpersonal skills.

**Contact for the Position:**

- Andres Diaz - [ADiaz@woodardcurran.com](mailto:ADiaz@woodardcurran.com)
- Mesut Cayar - [mcayar@woodardcurran.com](mailto:mcayar@woodardcurran.com)

**Two Tenure-Track Faculty Positions: Iowa State (Attached)**

Two tenure-track faculty positions open in Environmental and Water Resources focus area within the Department of Civil, Construction and Environmental Engineering at Iowa State University. Both positions are open at the Assistant/Associate/Full Professor level. One position targets Environmental Engineering (Due 10/24/20-11:59 pm) and the second position is in Water Resources (Due 11/17/20-11:59 pm). Information about the two positions are attached.

Please apply through the ISU Job Site: <https://isu.wd1.myworkdayjobs.com/IowaStateJobs>

- Environmental Engineering is position R3181
- Water Resources is position R3378

It is an exciting time for our department as we initiated our Environmental Engineering BS degree which will be in addition to our Civil Engineering BS degree with an Environmental Emphasis. In 2021 we will be celebrating the rich 150 year history of our department. As part of that celebration we are completing a space study for our department that will enable us to continue to grow and enhance

our programs. We pride ourselves on our quality undergraduate and graduate education, and last year was a record year for research expenditures at \$22 million for 31 tenure-track faculty members. We are also part of a campus wide effort to link faculty working in water.

### Recycled Water Unit Position

Education and experience working in regulation development, design, construction, plan review, inspection, and report preparation related to domestic water systems and/or recycled water treatment and distribution systems, familiarity with drinking water and recycled water regulations and practices. Effective communication skills (written and verbal), good interpersonal skills, the ability to conduct field investigations, perform engineering evaluations, work independently, organize, and set priorities on assignments and meet deadlines. Please see the link to apply: <https://jobs.ca.gov/CalHrPublic/Jobs/JobPosting.aspx?JobControlId=220374>

### Scholarships and Fellowships

#### AGC Education and Research Foundation Scholarship (Attached)

Each year the AGC Education and Research Foundation offers undergraduate and graduate level scholarships to students enrolled in ABET or ACCE accredited construction management or construction related engineering programs.

The [application](#) closes November 1, 2020.

#### Fall 2020 Graduate Studies Travel Award (Attached)

Graduate students who have traveled, or will be traveling, to present at meetings of nationally and international recognized professional societies between July 1, 2020 through June 30, 2021 may now apply for the Graduate Studies Fall Travel Award. The award is for students who are near the completion of their degree who have not previously received the award. Students must be in good academic standing, registered in full-time status, and have a minimum GPA of 3.0. The application deadline for students is October 23, 2020. Applications must be submitted to the student's graduate program for first review. Awards will be announced the week of December 14, 2020.

#### **Eligibility:**

- Conference must be within the award period – July 1, 2020 to June 30, 2021
- Students must be presenting their research at the conference, not just attending.
- Applicants must be registered and enrolled as full-time graduate students, be in good academic standing, and maintain a minimum GPA of 3.0.
- Travel must take place during the award period (see above) and prior to the student submitting their thesis or dissertation.
- These awards are funded by state funds and travel restrictions are listed [here](#).

-

#### **FAQs:**

- Virtual conferences are eligible (again, students need to be presenting their work, not just attending). The award amount for virtual conferences is \$500.
- Awards are paid as a stipend via Banner.
- Students may apply for more than one conference during the award period. To do so, they

need to submit a separate application for each conference. The applications need to have a unique ranking from the program.

### 2021-2022 Internal Fellowship Competition for UC Davis Continuing Academic Graduate Students

The application for [the 2021-2022 Internal Fellowship Competition for UC Davis Continuing Academic Graduate Students](#) is now open. This annual competition awards over 125 fellowships are valued at approximately \$3 million dollars. A "continuing student" is a student who has already been officially admitted to UC Davis, is registered and enrolled in classes during the current academic year, and will be registered and enrolled during the academic year in which the funding will be paid.

**We recommend that all eligible continuing academic graduate students\* apply on an annual basis.**

The 2021-2022 application for the UC Davis Internal Fellowship Competition for Continuing Academic Graduate Students **is due prior to 11:59:00 p.m. PST on January 15, 2021.** Please note that all letters of recommendation must be received no later than January 18, 2021. [Please start your application!](#) For more information or to view a list of internal fellowships and their selection criteria, [visit the Graduate Studies website](#)

### IIFH Innovator Fellowship (Attached)

The 1year fellowship includes support for salary, tuition, research and conferences, as well as a flexible **Spring 2021 start date** (and remote option). To learn more please see attached or visit: <http://foodaghealth.solutions/innovator-fellowship/>. **Applications close Friday, October 30**

### UCGHI GloCal Fellowship (Attached)

This is a 12-month mentored research fellowship designed for aspiring global health researchers. It is open to U.S. doctoral students and professional students at UC campuses, U.S. postdoctoral fellows, and postdoctoral fellows from one of our 17 partner countries. We would encourage those interested to visit our website to find out more about the program and application process; you can also find details about our current and previous GloCal fellows and their projects! The deadline for application submissions is **November 2, 2020**. Questions can be sent to Katherine Leasure ([kaleasure@ucdavis.edu](mailto:kaleasure@ucdavis.edu)) or Dr. Conrad ([paconrad@ucdavis.edu](mailto:paconrad@ucdavis.edu)).

### HDR \$10,000 Scholarship (Attached)

Our scholarship committee will grant two \$10,000 scholarships to two exceptional graduate-level students, preferably enrolled in a civil, structural, geotechnical or other related engineering discipline associated with the transportation engineering industry. We will give preference to students with a proven interest in transportation engineering. Along with the scholarship, we will offer the student a paid internship. We will determine the location of the internship by matching the interest of the student with an HDR office that offers a strong mentoring opportunity for a future transportation engineering professional. We will not provide housing and transportation for the internship. Please see attached flyer and link for more information: [www.hdrinc.com/transportation-scholarship](http://www.hdrinc.com/transportation-scholarship)

**Deadline to apply: November 6, 2020**



### 2021-2022 ACEC Academic Scholarship (Attached)

The American Council of Engineering Companies of California (ACEC California) will be awarding several scholarships totaling up to \$50,000 for the 2021-2022 academic year. ACEC California is a nonprofit association of private consulting engineering and land surveying firms. As a statewide organization, we are dedicated to enhancing the consulting engineering and land surveying professions. Attached you will find materials for this scholarship program available and these materials can also be found on our [website](#). **The deadline to submit a scholarship application is January 13, 2021.**