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## Civil Engineering Undergraduate Announcements – October 19, 2020

Happy Week 3!

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2. [Knights Landing Garden Committee](#)
3. [Scholarship Opportunities](#)
  - a. [Associated General Contractors of America \(AGC\) Education and Research Foundation Scholarship](#)
  - b. [Udall Undergraduate Scholarship](#)
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  - a. [US Department of Agriculture Forest Service – \*\*Deadline: TODAY\*\*](#)
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## MANRRS Undergraduate Research Information Session

**Are you interested in learning more about undergraduate research and how to get involved?**

Join MANRRS & the Undergraduate Research Center (URC) for an information session discussing all aspects of undergrad research including how to get involved, its benefits, funding, class credit options, and more!

**When:** Wednesday Oct 21

**Time:** 3:10-4:00pm

**Zoom ID:** 972 3636 9505

**Passcode:** 782663

Questions? Email us at [ucdavismanrrs@gmail.com](mailto:ucdavismanrrs@gmail.com)

## Knights Landing Garden Committee

Are you interested in making a change within a community? Knights Landing (KL) is an underserved farming community that lacks basic resources to recreational centers, parks, and

grocery stores. They are looking for passionate committee members who are interested in community empowerment, landscape design and nutritional education. For more information please see the attached flyer.

**Application Open from Monday, October 12th - Friday, October 23rd**

**Application Link:** <https://docs.google.com/forms/d/e/1FAIpQLSfp3SM2OKYljQWg0HZ-LayQQr3kxKp9olOUrfOi0LP9hpMmMA/viewform>

## Scholarship Opportunities

### Associated General Contractors of America (AGC) Education and Research Foundation Scholarship

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](#) opened July 1, 2020 and closes November 1, 2020.

Over \$10 million in scholarships have been awarded to more than 4,000 students attending colleges and universities across the country. Through endowments made by AGC members and supporters, as well as AGC Chapters, the Education and Research Foundation awards over 150 scholarships each year to students dedicated to pursuing a career in the construction industry. For more information please see the attached flyer.

### Udall Undergraduate Scholarship

The Udall Scholarship provides 55 awards of \$7,000 each, networking and scholar development at the Udall Scholar Orientation, and access to the Udall Scholars alumni network. Applicants must be sophomore or junior level standing, U.S. citizens, nationals, or permanent residents, and plan to pursue careers that will benefit the environment or native tribes. Tribal candidates must be Native American or Alaska Natives. Applicants will complete a [sample application](#) and need three letters of recommendation.

UC Davis is allowed to nominate up to 8 candidates – 4 with environmental career goals and 4 with tribal career goals – for this prestigious award and our deadline to receive completed [sample applications](#) is **January 28, 2021**. Please see the attached flyer for more information.

- If you are interested, you can email Scott Palmer ([scpalmer@ucdavis.edu](mailto:scpalmer@ucdavis.edu)) to schedule in-person or zoom advising.
- To learn more about the program and application process, please attend the upcoming webinar on October 22<sup>nd</sup> at 12:00pm. Interested students can [RSVP here](#).

## Job/Internship Opportunities

### US Department of Agriculture Forest Service

[Apply today – many jobs are open now!](#) Join the USDA Forest Service and be a part of an organization committed to [Caring for the Land and Serving People](#). #WorkforNature to make a lasting impact on the world around you and unlock opportunities for professional growth and career advancement.

The USDA Forest Service is hiring student and recent graduate positions in engineering, physical science, land surveying and geographic information systems across the nation (see attached STEM flyer). As well, the Forest Service in conjunction with Office of Personnel Management is hiring [Presidential Management Fellow \(PMF\) positions](#) (see attached PMF flyer).

The following positions have **extended** closing dates on [www.usajobs.gov](http://www.usajobs.gov), to **Oct. 19, 2020**.

**Merit, Recent Graduate, Intern, Open to Public, and PMF positions are available and will be filled as GS-04/05/07/09s with promotion potential to GS-07, 09, or 11 depending on the series.**

- Merit – Announcement Numbers
  - [21-NCH-ENG-802-45-FS](#), Engineering Technician, GS-4/5/7
  - [21-NCH-ENG-802-5-FS](#), Engineering Technician, GS-5/7/9
  - [21-NCH-ENG-810-57-FS-EA](#), Civil Engineer, GS-5/7/9
  - [21-NCH-ENG-810-9-FS-EA](#), Civil Engineer, GS-9/11
- Recent Graduates – Announcement Numbers
  - [21-NCH-ENG-802-45-RG](#), Engineering Technician, GS-4/5/7
  - [21-NCH-ENG-802-5-RG](#), Engineering Technician, GS-5/7/9
  - [21-NCH-ENG-810-57-RG](#), Civil Engineer, GS-5/7/9
  - [21-NCH-ENG-810-9-RG](#), Civil Engineer, GS-9/11

For the [Engineering Technical Series \(0802\)](#), folks can qualify at the GS-3 to GS-5 grade levels *not only* with engineering, engineering or industrial technology, construction units, but also with physics, drafting, surveying, physical science, or mathematics coursework. Applicants with earth science, environmental sciences, and vocational degrees may also qualify for Engineering Technician jobs.

For non-students, prior or current Forest Service temporary and term employees may qualify under merit positions through [Land & Base Management Hiring Path](#) or Land Mgt. Workforce Flexibility Act (LMWFA) with 24 months or more of service time. See USAJOBS eligibility and qualifications.

Review the job announcement carefully for required information to include in your application. ***Some positions have specific coursework requirements***

(e.g., [engineer](#), [engineering technician](#)). Be sure to submit your applications before the deadline. Employment start dates vary.

Visit the Forest Service Jobs webpage, [fs.usda.gov/fsjobs](https://fs.usda.gov/fsjobs), to learn more about career opportunities, benefits, hiring events, resume webinars, and resources to help with the application process.

#### [Forest Service Hiring Events and Webinars:](#)

[Resume Workshop](#), Thurs., Oct. 15, 2020 from 3 - 4 p.m. ET/ 12 – 1 p.m. PT

*Note: When accessing this webinar, you may be prompted to download the free Microsoft Teams application.*

## US Department of Homeland Security

### Now accepting applications for:

U.S. Department of Homeland Security (DHS) Science and Technology Directorate  
Office of University Programs  
Professional Opportunities for the Student Workforce to Experience Research Program (HS-POWER)

**Reference Code:** DHS-POWER-2020-04

### Description

- Are you a student looking for a professional opportunity to learn about homeland security related research to enhance your research interests and career goals?
- Do you want to learn from top scientists and subject matter experts in homeland security disciplines and areas of research?
- Do you want to network with your peers and members of the academic and scientific communities in government facilities conducting research in DHS relevant areas?

**If you answered “Yes”, to the above questions, the HS-POWER program is for you!**

The [U.S. Department of Homeland Security \(DHS\) Science and Technology Directorate Office of University Programs](#) sponsors the Professional Opportunities for the Student Workforce to Experience Research Program (HS-POWER) for undergraduate and graduate students. HS-POWER is open to students majoring in a broad spectrum of homeland security related science, technology, engineering and mathematics (STEM) disciplines as well as [DHS mission-relevant research areas](#).

As a participant in the HS-POWER Program, you will participate in quality research experiences with federal research facilities and other Homeland Security STEM focused entities nationwide either onsite or in a virtual environment. This experience will provide you with a competitive edge as you apply your education, talent and skills in a variety of settings within the DHS enterprise. Additionally, you will establish connections with DHS professionals that facilitate



long-term relationships between yourself, researchers, DHS personnel and research facilities.

### **Benefits**

- Stipend:
  - Undergraduate students receive a stipend of \$600 per week;
  - Graduate students receive a stipend of \$700 per week.
- For students participating onsite:
  - Travel: Travel reimbursement for inbound and outbound expenses up to \$1,000 for participants who live more than fifty miles, one-way, from the assigned hosting site.
  - Housing Allowance: A housing allowance of \$200/week is provided to participants who live more than fifty miles, one-way, from their assigned hosting facility and who are paying for housing while onsite.
- Due to COVID 19, some students may be required to participate virtually. In that case:
  - A stipend supplement of \$50 per week will be given to offset costs of remote participation.

### **Appointment Details**

- Appointments will be for 10 consecutive weeks.
  - Start dates beginning in the time frame of late fall through summer 2021 are negotiated between participants, their assigned mentors/facilities, and ORISE. Factors such as class schedules, housing availability and facility schedules may be taken into consideration when determining appointment start and end dates.
- Interns will be assigned to research projects and/or other technical activities under the guidance of a mentor.
- Per week time commitment varies by location.
- HS-POWER participants are required to have health insurance coverage during the appointment period and to provide proof of this coverage prior to the start of the appointment.

**How to Apply:** Click <https://bit.ly/HSPower20> to start your journey!

U.S. citizenship required

Previous program participants may apply.

Application deadline: October 30, 2020, 11:59 pm EST.

**For questions please email us at [dhsed@orau.org](mailto:dhsed@orau.org).**

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