

**From:** [Rufa N Pazyuk](#)  
**To:** [coe-cee-grad-students Sympa List](#)  
**Subject:** CEE Grad Newsletter  
**Date:** Thursday, July 23, 2020 6:51:56 PM  
**Attachments:** [Letter for President Napolitano - chancellors - lindau.pdf](#)  
[200226 - SF ADO Civil Engineer G BAND Posting.pdf](#)  
[DEADLINE EXTENDED - DUE AUGUST 14-Fall 2020 Fellowship Opportunity.pdf](#)  
[EEC 234 poster 2020-v3.pdf](#)

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Hello Civil and Environmental Engineering Graduate Students,

Sending this a day early because there are some events happening tomorrow! Please see the announcements below:

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## CEE Department Information and Announcements

This week's diversity, equity, and inclusion events

Previous Email:

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Dear CEE Community,

The following events related to diversity, equity, and inclusion will take place this week. Please consider joining one or more of these events.

#### **CEE Events**

**Learning and Performing Research during COVID-19 Listening Session (Friday July 24, 12 to 12:50 pm):** Prof. Chris Cappa, the department chair, will be on Zoom from 12 to 12:50 pm to listen to student comments, concerns, and questions about the fall quarter. Both undergraduate and graduate students are encouraged to attend to share your experiences about learning and performing research during a global pandemic with the chair and ask questions/share concerns about the summer and the upcoming quarter.

Zoom: <https://ucdavis.zoom.us/j/92685946487?pwd=TENjT1dNa01NdmVZY2NrNG5NVjZTUT09>

**DEI Dialogue on Anti-Racism (Friday July 24, 9:30 to 11 am):** The term anti-racism has been used frequently in the past few months. All students, staff, and faculty are invited to a session to learn more about and discuss anti-racism. To help prepare for the conversation, we encourage you to listen to a [podcast with Dr. Ibram Kendi discussing “How to be an Antiracist.”](#) We will use some of the [prepared questions](#) to start the dialogue, but it will be guided based on interests of participants in the session. If there are a large number of participants, we will divide into breakout groups. One goal of the session is to think about what Anti-racism looks like in our research groups, departments, and the college. The session will be facilitated by Prof. Colleen Bronner.

Zoom: <https://ucdavis.zoom.us/j/99203765055?pwd=cEc1VVBOSC9CVG1TMnM3bmpCNWlNz09>

### [Full Schedule of CEE DEI Events](#)

#### **Campus Events**

**Wednesday, July 22 (11 am – 12:15 pm): “Race: The Power of an Illusion”, Episode 2: “The Story We Tell”** uncovers the roots of the race concept in North America, the 19th-century science that legitimized it and how it came to be held so fiercely in the western imagination. The episode is an eye-opening tale of how race served to rationalize, even justify, American social inequalities as “natural.” [Zoom registration.](#)

[UC Davis Office of Diversity, Inclusion and Equity Events](#)

#### **Other**

If you have any comments, questions, or concerns, you would like to share with the department’s Diversity, Equity, and Inclusion committee you may [contact a committee member directly](#) or respond to [our questionnaire](#). Questionnaire responses are anonymous unless you choose to identify yourself.

We have started a [list of social justice resources](#) for the department. If you have recommendations, please share through [our questionnaire](#).

Please email Prof. Colleen Bronner ([cebronner@ucdavis.edu](mailto:cebronner@ucdavis.edu)) if you have any questions about any of the above events. Thank you to the members of the CEE DEI committee (Aisha Faruqi, Kanotha Kamau-Devers, Laura Hernandez-Bassal, Lauren Worrell, Fatima Garcia, Alejandro Martinez, John Harvey, Alissa Kendall, and Michele Barbato for planning the CEE events.

With gratitude and hope,  
Colleen

ICE Directive has been Rescinded

Previous Email:

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Hi CEE -

Good news just came through that the ICE directive [has been rescinded](#)! What this seems to mean is that we will return to the modified directive that grants exemptions for students on certain visas

that allows for virtual instruction (in part or in whole) during the pandemic. I know how stressful this was for so many of you, and it is unfortunate that this happened. Thankfully there has been a resolution.

Cheers,  
Chris

## Fellowships and Career Position

### UC President's Lindau Nobel Laureate Meeting Fellows (Attached)

The school is looking UC students and post-doctoral fellows nominations for the competition to be selected as UC President's Lindau Nobel Laureate Meeting Fellows in 2021. This program, a collaboration between my office and the Office of the Chief Investment Officer, will provide funding for up to 20 UC students to attend the 2021 Lindau Nobel Laureate Meetings in Lindau, Germany. The Lindau Interdisciplinary Meeting will take place in June 27 through July 2, 2021. This meeting will concentrate on the fields of Medicine, Physics, Chemistry, and Physiology, with an emphasis on interdisciplinary research. The school is also seeking nominations for the Lindau meeting on Economic Sciences being held from August 24 through August 28, 2021.

Here is the link to the Lindau Nobel Laureate Meetings

<https://www.lindau-nobel.org/>

### Fellowship Description

The Office of the Chief Investment Officer will provide funds for students and post-doctoral fellows to travel to Lindau, Germany to participate in a Lindau Nobel Laureate Meeting. Allowable expenses are covered by University of California Travel Policy. Fellows may be asked to travel to an orientation meeting prior to the Lindau Nobel Meeting. Expenses associated with that trip and any other trips authorized by the Office of the President for this purpose will be covered.

### Selection Criteria

Overall selection criteria are provided by the Lindau Nobel Laureate Meetings. In addition, UC will seek to ensure that qualified individuals from each of the 10 campuses are represented in the finalist pool.

The Selection Criteria 2020 document provides a set of criteria that each applicant must meet.

### Critical Guidelines for Applications

Completed applications are due to UCOP by 5 PM on October 2, 2020. Applications are to be submitted to [UCLindauNobelApplication@ucop.edu](mailto:UCLindauNobelApplication@ucop.edu) Applications must include:

- Curriculum Vitae
- Two letters of recommendation
- Statement of Commitment to attend the entire meeting in Lindau
- Statement of purpose in attending the meeting and how an applicant's background satisfies the criteria for selection. For the 2021 interdisciplinary science meeting, this statement must emphasize the interdisciplinary nature of the applicant's work.

If you have any questions, please contact Professor Robert Powell ([rlpowell@ucdavis.edu](mailto:rlpowell@ucdavis.edu)), who has been asked to help with this program in the upcoming year.

## 2021 Schmidt Science Fellowship

This is specifically for graduate students entering their final PhD year and provides \$100,000 during their first postdoctoral year. Details may be found below:

***LIMITED SUBMISSION – Three institutional applicants will be selected.***

### **Important deadlines:**

**August 13, 2020** – Pre-applications due to Office of Graduate Studies

September 8, 2020 – Notifications sent to all applicants, 3 institutional nominees chosen

September 14-30, 2020 – Nominated candidates will submit basic personal information to sponsor

November 30, 2020 – Final completed application due to sponsor

Nominations are being accepted for the 2021 Schmidt Science Fellowship from our most outstanding, intellectually first-rate PhD students who have conducted their graduate degree in the natural sciences (Astronomy, Biology, Chemistry, Physics and Earth Sciences), Engineering, Mathematics, or Computing – and all sub-disciplines therein. Candidates must have a keen interest in undertaking an interdisciplinary research pivot during a postdoctoral placement and to have completed, or be expected to complete, all the requirements for their PhD between April 30, 2020 and September 30, 2021. Fellows are expected to combine scientific curiosity with extraordinary academic achievement. They should demonstrate a collaborative spirit and have the ambition to make a lasting impact in science and in society, conducting research and pursuing knowledge that will benefit the world.

Fellows receive a stipend of \$100,000 and are supported by the Program to undertake a full-time, postdoctoral study for at least one year in a world-leading laboratory in a field different from their existing area of expertise. Fellows also spend five weeks during their fellowship year at four residential meetings around the globe where they receive bespoke training to help them become the next generation of science leaders. In these meetings the fellows are introduced to new research ideas, techniques and questions, they are exposed to a wide-range of cutting-edge science, leading thinkers and institutions, and they receive tailored training in science communication, leadership and, how to facilitate interdisciplinary research. Throughout the Fellowship year Fellows receive regular scientific and professional mentoring from a member of our Academic Council and they continue to have access to this support after their Fellowship is complete to support their professional development further.

### **Eligibility**

- Graduate degree in the natural sciences (Astronomy, Biology, Chemistry, Physics and Earth Sciences), Engineering, Mathematics, or Computing – and all sub-disciplines therein
- Completion or expected completion of the PhD in one of these fields between April 30, 2020 and September 30, 2021 (the year preceding the fellowship)
- Be available for the entire period of the program, from July 2021 to July 2022, including attendance at each Global Meeting (which may be conducted virtually depending on the circumstances)

**To Submit a Pre-Application to Office of Graduate Studies:**

Please submit the below materials as a single PDF to Amineh Helalian ([ahelalian@ucdavis.edu](mailto:ahelalian@ucdavis.edu)) by **5:00pm on August 13, 2020.**

*Please note that the below materials are only for the internal nomination process. If selected as a UC Davis nominee, the final application package will be more comprehensive.*

- Current CV with details of relevant publications or research
- 2 page personal statement on why you are interested in the program and what you hope to achieve during and after it. Make sure to address the criteria the sponsor will be using for final selection (found at <https://schmidtsciencefellows.org/fellows/> ) and what your plans are for pivoting your research during the fellowship period.

Pre-applications will be reviewed and the selected institutional applicants will be notified no later than September 8, 2020. Please contact Amineh Helalian if you have any questions about the pre-application process.

For further information about the Schmidt Science Fellows Program, please visit their website, <https://schmidtsciencefellows.org/>

### **\$70K IIFH Innovator Fellowship (PhDs and PDFs) (Attached)**

Please find attached the latest revised fellowship opportunity closing August 14, 2020. The 1-year fellowships are open to senior PhD students (and postdocs). Support includes salary, tuition, research and conference expenses, as well as a flexible/remote start! Additional information can be found on the attached PDF or online: <http://foodaghealth.solutions/innovator-fellowship/>.

### **Civil Engineer- Federal Aviation Administration (Attached)**

Federal Aviation Administration (FAA) Office of Airports is looking for recent graduates in Civil Engineering. This position would be under the supervision of a registered civil engineer (for PE purposes). To learn more please see the attachment or visit handshake.

## **Support Group and Fall Course**

### **ICC Job Search Support Group for Graduate Student and Postdocs**

The Internship and Career Center is holding job search support groups this summer, 11am Thursdays in July, this time with a graduate student peer advisor. Join this virtual group to connect with other UC Davis graduate students actively seeking a full-time job during these uncertain times. Share ideas, talk to others, and give and get support. Facilitated by a career advisor and graduate student peer advisor from the UC Davis Internship and Career Center. This is open to UC Davis Masters students, PhD students, postdoctoral scholars, and recent alumni (less than 1 year) of UC Davis Master's and PhD programs who are actively seeking employment in any field. All majors and fields of study welcome.

11am-12pm PDT

July 30, 2020

12 max participants

RSVP on [Handshake](#) to receive the Zoom meeting links- [July 30](#)

\*Questions: Bethany Hopkins, [bjhopkins@ucdavis.edu](mailto:bjhopkins@ucdavis.edu)

## EEC234A- Physics and Technology of Microwave Vacuum Electron Beam Devices

(Attached)

Introduces the discipline of microwave vacuum electronics by examining physics and technology of electron emission, flow and transport, space charge waves, and electromagnetic interaction with electron beams. Please see the attached flyer to learn more.