In its 12th year, undergraduates from the School of Earth, Energy, and Environmental Sciences who reach a certain level of academic achievement are awarded the Dean's Award. This year, 24 students received the Dean's Award. A ceremony was held to celebrate their achievement on June 6th, 2019. Dean Stephan Graham presented the awards and honored their academic advisors.

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**Julie Kennedy Public Service Scholars**

- Mariaesther Diaz  
  BS '19

- Lexi Neilan  
  BS '20

- Daela Taeoalii-Tipton  
  BS '19

**Publications & Highlights**

- Volpert Scholars Symposium

**ES Wellness Corner**
Last summer, I worked as a Backcountry Ranger and Search and Rescue (SAR) Intern in Yosemite. I expected to check Half Dome permits and advise visitors on safe backcountry practices. I imagined a calm summer, filled with backpacking and reading and lacking in refrigerated food, and I was thrilled by the chance to spend three months surrounded by granite walls and hiking every day. However, my summer did not go as anticipated. In my first week, I hiked seven miles to the top of Nevada Falls to escort someone with a broken ankle down the John Muir Trail on a stretcher placed on an ATV wheel. The following week, I spent hours in the dark searching for a lost hiker and stayed up all night with my coworkers continuously monitoring his vitals before evacuating him in a helicopter the next morning. I learned about new medical conditions, like rhabdomyolysis, or kidney failure triggered by extreme exercise, and I worked to help a hiker manage her extreme pain after a fall, when emergency response took hours, and I was the only ranger available.

It's easy to dismiss people who hurt themselves or need to be rescued as stupid or incompetent. I heard blame placed squarely on these people time and time again over the summer, and I was guilty myself. But conservation and preservation of natural spaces must coexist with education and preservation of the humans who visit them. I saw people at their best, summiting Half Dome, and also at their worst, injured and frightened, and the most rewarding part of my environmental work in Yosemite certainly came from these interactions.

ES Wellness Corner

In the pilot year of the Wellness Liaison Program in the school of EARTH, Earth Systems selected their liaison, Gabriela Nagle Alverio, who was a part in shaping how the school wide initiative would form and become institutionalized. She was trained by experts from iThrive, the Graduate Life Office, and CAPS in topics such as campus resources, suicide prevention, and coping skills for mental health issues. With this knowledge, Gabriela served as a point person for the Earth Systems graduate community around issues of wellness by hosting events, disbursing resources, and being available for 1:1 connections. One of the most meaningful events of spring quarter was the coterm roll-out to the play, "The Manic Monologues," which centers around mental health issues, and the conversation that followed. In the future, Earth Systems hopes to grow the liaison program by continuing to integrate it into the programming for coterm students, and establishing both direct and indirect points of contact for the liaisons and graduate students.
On May 28th, student advisors, Whitney Francis and Meghan Wilson held an Earth Systems Alumni Diversity mixer. The event was held at the Asian American Activities Center Couchroom. The purpose was be inclusive of everyone.

Thank you to our Earth Systems Alumni who took time to participate and share their wisdom!
The Earth Systems Volpert Symposium was made possible through a generous gift by the Volpert family, which provided financial support for work on research projects and internships undertaken by Earth Systems majors. This award helps students pursue research or internship activities that will foster students’ growth as interdisciplinary environmental scholars and problem-solvers.

In its fourth year, the Volpert scholars, presented on May 6, 2019 on the Stanford campus. Each scholar gave a short oral presentation and a poster presentation.

Pictured left to right: Jessa Clark, Lexi Neilan, Carolyn Rice, Michael Burnett, Diego Sancho, David Tattoni and Lottie Mitchell

Publications & Highlights

Congratulations to our very own Hannah Shabb and her team for winning the 2019 NCAA Women’s Water Polo Championship.

Congrats to Jessica Eggers for receiving the NSF Graduate Research Fellowship, in Ecology.

Kira Smiley will lecture at BECC???? in November 2019.

Congratulations to several ES majors who authored/published articles:

Kaylee Beam, Desert News:

Madison Pobis, California Academy of the Sciences (bioGraphic):
https://www.biographic.com/posts/sto/sucker-deception
https://www.biographic.com/posts/sto/enemy-of-my-enemy

Carolyn Rice, Bill Lane Center for the American West:

Diego Sancho,
Surf magazine: http://snm.surfingnationmag.com/surfeadores-cambioclimatico/
PLOS: https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0214403
Recent Awards

AVIVA KLEIN MEYERS, BS ’19, and LILA PETRUSKA, BS ’20, JAYNE STEVENSON, BS ’21, received a Schneider Fellowship

ADAM ELLNER BS ’18, and CAROLYN RICE, BS ’18, received the Centennial Award for Teaching & Learning

CHRIS ESCOBEDO, BS ’20, LAUREN NOLEN, BS ’21, and JACQUELINE VOGEL, BS ’20, received the Stanford In Government (SIG) Fellowship

HAILEY DERES, BS ’19, received the Miller-Marsden Prize for Innovative Research on the Environment

MACEO HASTINGS PORRO, BS ’19, and MEGHAN WILSON, BS ’19, received the Outstanding Service to the Earth Systems Program

SADIE CWIKIEL BS ’19, and ANTHONY MOLLER, BS ’19, received the Earth Systems Award for Outstanding Research

ALI HOFER, BS ’18, received the William W. Whitley Citizen-Scholar Prize

CHINA KANTNER, BS ’19, and NEIL NATHAN, BS ’20, received the Earth Systems Senior Capstone Excellence Award

MADELINE LISAIUS, BS ’19, received the Firestone Medal for Excellence in Undergraduate Research & Honors Thesis

MADELINE LISAIUS, BS ’19, received the Tom Ford Fellowship in Philanthropy

JENAI LONGSTAFF, BS ’18, received the Stanford Public Interest Network (SPIN) Fellowship

Mark your Calendars!

Upcoming DEADLINES

- Aug. 1 - AXESS opens for Autumn
- Aug. 2 - Apply to Graduate (SUM Qtr.)
- Sept. 20 - UG Housing opens for returning students
- Sept. 23 - 1st Day of Autumn Quarter
- Sept. 23 - Last Day to submit LOA
- Oct. 11 - Final Study List deadline
- Oct. 27 - AXESS opens for Winter Enrollment
- Nov. 5 - Honors Program Application
- Nov. 6 - Coterm Application Due
- Dec. 6 - Last Day of Classes

Upcoming EVENTS

- Julie Kennedy Public Service Scholar Ceremony (Quarterly)
- Fall Quarter Social Events
- Rooted Words (Quarterly)
- Majors Night
- ES Open House
- ES Coterm Info Session
- Annual Halloween Party
- Annual Clothing Drive

The Earth Systems Newsletter is distributed quarterly. To learn more about the Earth Systems Program, visit earthsystems.stanford.edu.

To subscribe or unsubscribe to the e-newsletter, e-mail your request to Anahid Babekian anahids@stanford.edu

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