



The LAES Frontier

December 2025

A monthly newsletter keeping the Liberal Arts and Engineering Studies program connected and informed.

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Alumni Spotlight

Sophie Guzules

Digital Creative Science Writer at PASCO Scientific

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LAES gave me the background to succeed in the intersection between science and communication.



- **Best LAES Memory:** Putting on a hard hat and exploring the Frost Center before it was finished.

- **LAES Class of 2023**, Media Arts Society and Technology & Electrical and Mechanical Engineering
- **About:** PASCO makes science education technology. Sophie's projects vary widely: From writing video scripts and blog posts that showcase new products and applications, to curating newsletters, making content for webpages, submitting for science education awards, and editing catalogs, brochures, and curriculum.
- **The Path:** Sophie found PASCO through a friend of a friend. While interviewing for this role, her interviewers considered her LAES degree like a double-major.
- **Advice:** Most EdTech roles prefer or require some teaching experience, as it is helpful to draw from your personal experience of what does and doesn't work in a classroom. If it is already in your plan to get a teaching credential, that will help immensely. If not, doing formal tutoring or being a TA especially for a hands-on lab can likely give you comparable experience.





More Alumni Needed!




LAES Alumni, we need
your help!

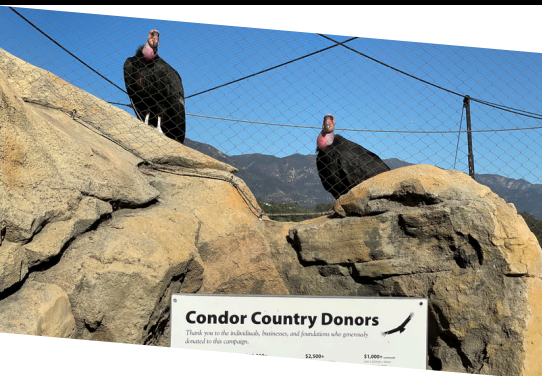
Please [Complete this form](#) so we can spotlight
you. Thank you for your
time and support of the
program.



*Your words of wisdom
here. And some priceless
experience over here.*



Project Showcase



LAES 301/302 Students Go to the Zoo

Students Cameron Amador, Joe Robison, and Kate Seery traveled off campus last month to film footage for their capstone project. Working alongside LAES student Tra Nguyen, the team is collaborating with LAES' newest partner, the Santa Barbara Zoo. Throughout the quarter, they have been producing four short videos designed to bring story, detail, and fun to the zoo's immersive spaces and to support its mission of engaging the public in conservation. Keep an eye out for their videos on social media or during your next visit to the zoo!



Pictured top to bottom, left to right: Two California Condors enjoying their SB Zoo habitat before release, A scene featuring Eleonora the Condor being slated, Cameron filming Eleonora Condor while the team looks on, The team trucking their gear into the zoo, Cameron and Kate prepping Cal Poly theater student Rosibel Mendez for a shot in the SB Zoo Ranger Station.



Upcoming Events



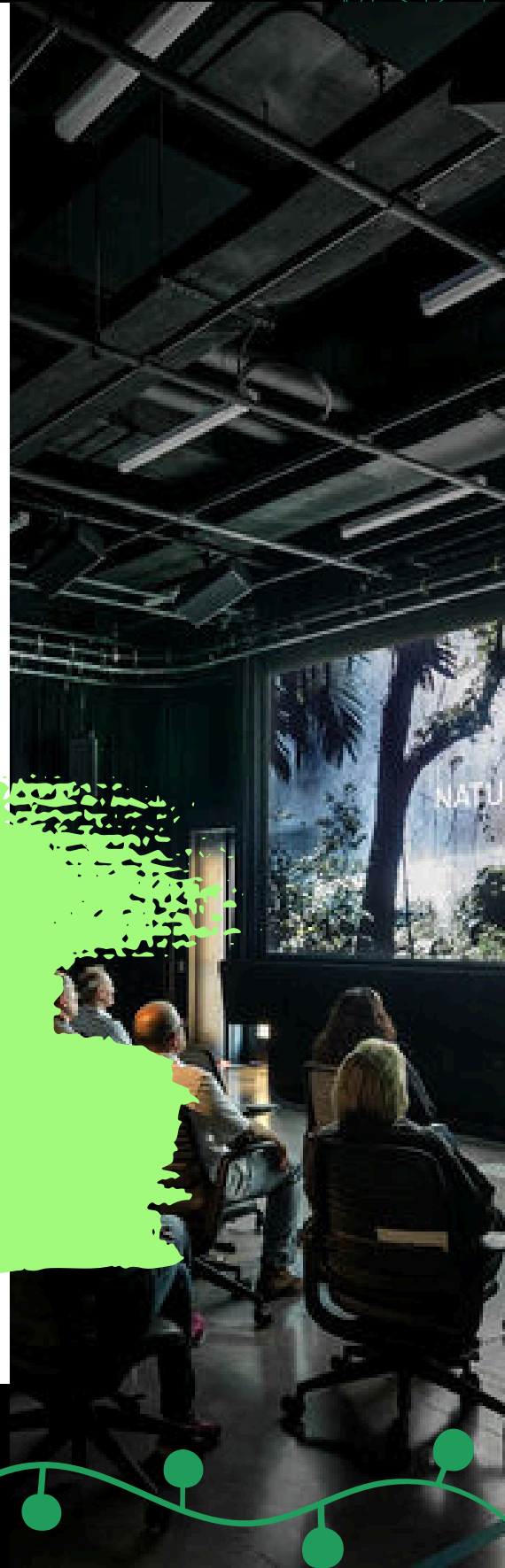
Dec 4th-6th - Cal Poly CE/ENVE and California State Parks "Tide and Seek" Photo Game

- Part of the California King Tides Project, a citizen science effort that uses photos of the year's highest tides to visualize how rising seas may affect California's coastline and communities
- Learn how to participate in [this article](#)
- Also visit the event stand open from 8:30 to 10 a.m. Friday, Dec. 5, at the Morro Bay Natural History Museum



FRIDAY Dec. 5th, 1-3pm - LAES Senior Project Coffee Cart Free Pop-Up

- LAES Lab (181-101)
- Enjoy free coffee and drinks crafted by LAES senior, Xavier Carmona and help him test run his small business and gather feedback for his senior project!
- Grab your coffee and go or stay and sip while you study





Mission Control

Stand by for transmission...

That's a Wrap!

Wishing everyone the best of luck with their final exams and presentations.

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LAES 461 Final Presentations

Friday, Dec. 5th

LAES 301/302 Sprint 5 Final Presentations

Wednesday, Dec. 10th

LAES 462 Final Presentations

Thursday, Dec. 11th

Happy Holidays from LAES

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As you head into finals and prepare for a well-deserved break, we want to wish you a joyful and festive holiday season! We are incredibly proud of your creativity and diligence this quarter, and of all the fantastic work that has resulted from it. We look forward to welcoming you back in the new year with new classes and new projects to tackle.

Happy Holidays,
David, Michael, Luna, and
Alessandra

End of transmission.