



UROOP Newsletter

Official Newsletter of the Undergraduate Research Opportunities Program at the University of Hawai'i at Mānoa

Office Updates

- New location: Hawai'i Hall 127
- Office hours: 10:00am-3:00pm, M-F
- To schedule an appointment, please email us 24 hours in advance
- Desks and meeting spaces available during office hours

Campus Resources

Counseling and Student Development Center
956-7927 | QLC 312

Office of Title IX
956-2299 | Hawai'i Hall 124

UHM Safety Escort
956-SAFE (7233)

University Health Services
956-8965 | 1710 East-West Rd.

Financial Aid
956-7251 | QLC 112

LGBTQ Center
956-9250 | QLC 211

Get to know UROOP

What is UROOP?

Mission: The Undergraduate Research Opportunities Program, or UROOP, coordinates and promotes opportunities for undergraduate students across all disciplines at UH Mānoa to engage in faculty-mentored research and creative works.

Funding: UROOP provides ~\$400k in project and presentation funding each year directly to students.

SURE: In Summer 2019, UROOP will launch the Summer Undergraduate Research Experience (SURE) Program, a cohort-based program with professional development modules and an end-of-summer SURE symposium.

Clearinghouse of opportunities: In 2019, UROOP will provide a comprehensive, searchable database of on and off-campus research and creative works opportunities. In the meantime, view them [here](#).

Presentation venues: In addition to the SURE symposium, UROOP collaborates with the Honors Program to host the Undergraduate Showcase, where students present research and creative work projects every fall (Dec.) and spring (May). Visit the [Undergraduate Showcase website](#).

History: UROOP was initiated in 2011 under the Office of Undergraduate Education, and moved to the Office of the Vice Chancellor for Research in 2018.

Who is UROOP?

Staff: UROOP is a dedicated team of two full-time program coordinators, a graduate assistant, and a program director. We are a diverse team, with backgrounds in biological sciences, social sciences, and the humanities, and we are here to serve you!

Located in Hawai'i Hall



E komo mai, Jessie!

In June, 2018 UROP welcomed Jessie Chen to the team, where she will serve as a program coordinator. Jessie received her M.S. in Natural Resources and Environmental Management at UHM in 2016. She is excited to be back at UHM where she can help undergraduates engage in meaningful research and creative work experiences.



Jessie Chen

SURE Program

The upcoming Summer Undergraduate Research Experience (SURE) is a cohort-based, 8-10 week, no-cost program for undergraduate students engaged in faculty-mentored research and creative works during the summer on the UH Mānoa campus. SURE provides orientation activities, professional development modules, and an end-of-summer symposium. We will soon request proposals from faculty to apply for student funding awards. Stay tuned for information on [how you can get involved!](#)

Funding Opportunities

Presentation

Funding is available for UH Mānoa undergraduate students or student groups to present ongoing or completed research or creative work at local, national, and international professional venues. If you have been accepted to present or perform at a professional venue, apply now and UROP can fund conference-related fees up to:

- \$2000 per individual
- \$4000 per pair
- \$5000 per group

Applications are accepted monthly, on the 1st of each month by 5:00 pm.

[Learn more here!](#)

Project

Create a graphic novel, write a play, or model climate change. Design your own project with your faculty mentor! UH Mānoa undergraduate students or student groups who want to do research or creative work projects can get funded up to:

- \$5000 per individual
- \$10000 per group

Applications are accepted twice a year, from 9/9-10/10 and 2/2-3/3 by 5:00 pm.

[Learn more here!](#)

A Message From the UROP Director

Dr. Creighton M. Litton

Aloha mai kākou, and welcome to the inaugural edition of the Undergraduate Research Opportunities Program (UROP) Newsletter for the University of Hawai'i at Mānoa community! While UROP has been in existence since 2011, with its recent move to the Office of the Vice Chancellor for Research (OVCR) we are very excited to expand our efforts to meet our office's mission to coordinate and provide opportunities for undergraduate students from all disciplines across campus to engage in research and creative works scholarship. There are four primary groups that make it possible for UROP to serve our campus community. **First**, our program is for and all about the undergraduate students on our campus who choose to expand their University experience by engaging in these opportunities. **Second**, each undergraduate student involved in scholarship is mentored by one or more of our world-class faculty. **Third**, all of our programs rely on strong collaborations with a variety of programs and units that provide the resources and opportunities to our undergraduate students. **Finally**, the UROP staff – including our full-time office staff, our faculty advisory councils, and strong support from The Office of the Vice Chancellor for Research – makes what we do happen on a day-to-day basis. None of what UROP does would be possible without all of these people who selflessly provide their time, energy, passion and expertise. We hope that this newsletter will prove to be a valuable resource to engage and communicate with the Mānoa campus on both old and new initiatives that UROP is proud to sponsor. Stay tuned for more information on upcoming events and activities!



Dr. Creighton M. Litton

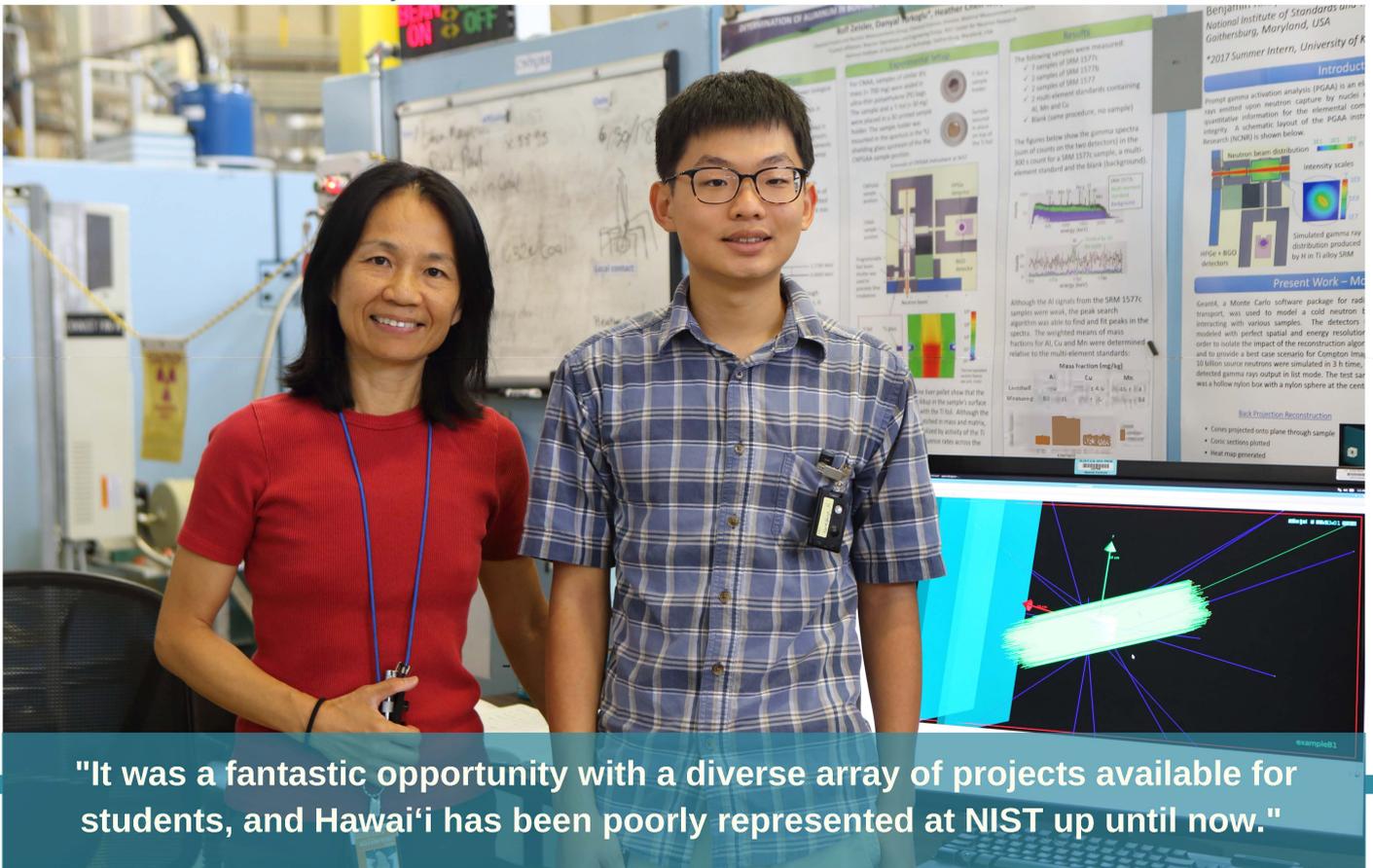
Undergraduate Student Spotlight

Nathaniel Kaneshige

Nate is a senior physics and math major, and recently attended the National Institute of Standards and Technology (NIST) Summer Undergraduate Research Fellowship (SURF) in Gaithersburg, Maryland. There, he worked with Dr. Heather Chen-Mayer at the NIST Center for Neutron Research (NCNR) studying the development of a novel Compton

imaging/neutron tomography system for prompt activation analysis, which would light the way for 3D elemental analysis of materials. On weekends, Nate went into DC with fellow SURFers to meet with senators and explore our capitol. The biggest takeaway of the program was the opportunity to meet federal researchers from a diverse array of fields.

Below: Nate and Dr. Chen-Mayer



"It was a fantastic opportunity with a diverse array of projects available for students, and Hawai'i has been poorly represented at NIST up until now."



Above: Kahealani Acosta presents on breadfruit

UG Showcase a success!

On Friday, December 7, ~30 undergraduate students presented their research and creative work projects at the Fall 2018 Undergraduate Showcase. Topics included breadfruit nutrient deficiencies, the anti-pesticide movement in Hawai'i, and even a Mo'olelo Comic Collection! The Undergraduate Showcase is open to ALL undergraduate students at UHM. To learn more, visit the [Undergraduate Showcase website](#). We hope to see you in May 2019!

Highlighted Opportunities

RESEARCH INTERNSHIP

KATZENBERGER FDN. ART HISTORY INTERNSHIP

- intern during summer at the Smithsonian
- conduct a research/collections project
- \$6000 stipend
- deadline: February 14, 2019

<https://www.smithsonianofj.com/internship-opportunities/katzenberger-art-history-internship/>

COMPETITION

LIBRARY TREASURES INITIATIVE

- create original video shorts using special collections at Hamilton library
- promote use of library's special collections
- awards: 1st place: \$500, 2nd: \$200, 3rd: \$100
- deadline: April 1, 2019

<https://seschimmel.wixsite.com/mysite>

SCHOLARSHIP

UH SCHOLARSHIPS

- UH offers a variety of scholarships to UH students at any of the ten campuses
- over \$37 million awarded to date
- deadline: March 1, 2019 at 4pm

<https://www.hawaii.edu/tuition/scholarships/>

RESEARCH INTERNSHIP

PACIFIC INTERNSHIP PROGRAMS FOR EXPLORING SCIENCE (PIPES)

- paid, 10-week internships
- focus on conservation science, natural resource management, outreach and education
- work on mentored research projects
- deadline: February 8, 2019

<https://hilo.hawaii.edu/uhintern/>

FELLOWSHIP

HAWAI'I SPACE GRANT

- work with University experts on better understanding the Earth from space, the Solar System or universe beyond, and more
- work 6-15 hours/week on a project
- stipend of \$2000-\$4000/semester
- must be a full-time undergraduate
- deadline: June 15 (fall); December 1 (spring)

<http://www.spacegrant.hawaii.edu/fellowships.html>

FOR MORE OPPORTUNITIES, VISIT

<http://manoa.hawaii.edu/undergrad/urop/find-opportunities/>

UROP

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manoa.hawaii.edu/undergrad/urop