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### CIFAL Honolulu-Supporting Pacific Island Computing Excellence (SPICE)

Population

Date limite: 15 mai 2024

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Type:	Workshop
Emplacement:	Honolulu, Hawaii, United States of America
Date:	3 juin 2024 to 1 Juil 2024
Durée:	23 Days
Zone du programme:	Decentralize Cooperation Programme
Site internet:	<a href="https://www.nfspicealliance.org/spicesummer">https://www.nfspicealliance.org/spicesummer</a>
Prix:	0.00 \$US
Personne de référence de l'événement:	cifa@unitar.org
Partenariat:	NSF All-SPICE Alliance , NSF All-SPICE Alliance , Chaminade University, Chaminade University

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### ARRIÈRE PLAN

SPICE is a one month Summer Data Science Research Immersion, serving students from Hawai`i, the continental US and the US-affiliated Pacific Region. Students are welcomed from a wide range both computational and non-

computational majors. SPICE students code in R and Python, use NSF HPC resources at TACC and via Jetstream, use science gateways and develop GitHub professional portfolios. SPICE participants represent the region's diversity, and include significant numbers of women and veterans. SPICE students work in thematic areas that are of central importance to the Hawaii-Pacific region including Climate Analytics, Health Inequity and the security/societal impacts of Misinformation/Disinformation. SPICE has a strong cultural component led by Kumu Kahoali'i Keahi and culminates in a ho'ike and showcase of student projects. Places in SPICE are sponsored by the Alliance, Hawaii EPSCoR, Pacific Intelligence Innovation Initiative, NIH AIM-AHEAD and the University of Hawaii Department of Quantitative Health Sciences. SPICE mentors include faculty, analysts, and peer mentors (usually SPICE alums) who are senior students or returning graduates.

## **OBJECTIFS D'APPRENTISSAGE**

Data analysis, coding, research, presentation skills, etc

## **CONTENU ET STRUCTURE**

Identifying projects, problem to investigate, data sets, group members, begin cleaning and organizing datasets; Complete cleaning and organizing datasets, exploring and analyzing dataset; Finalize project, work on presentation, and practice presentation SPICE project.

## **MÉTHODOLOGIE**

Workshops, group work, coding practice

## **AUDIENCE VISÉE**

Undergraduate students from the Pacific