

You are invited to participate in...

Integrating Indigenous Knowledge and Creative Computational Media:

Building a Sustainable Innovation Ecosystem in the Pacific Rim

August 12th - 13th, 2024
University of Hawai'i West'Oahu

Funded by: National Science Foundation,
UCLA-led Innovation, Culture, and Creativity (ICC) project

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Indigenous Knowledge & Innovation
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This workshop aims to foster collaboration across Pacific Rim Indigenous communities, creative industries, and academia, promoting Indigenous leadership in pre-commercial technology research at the intersection of innovation, culture, and creativity.

Computational Media (CM) includes the development of cinematic animations and special effects, video games and virtual reality, immersive visualizations, and other forms of interactive digital systems. This field, in addition to employing artists and creatives, relies on multiple technological advancements, such as Artificial Intelligence (AI) and intensive computing power.

The workshop will bring together professionals in cultural research, business, and technological innovations and draw on their expertise to ideate a path towards creating a CCM industry based on Indigenous cultural knowledge, language, and practice.

The broader impacts of this workshop include the empowerment of Indigenous communities through their active participation in shaping the future of technology and creative media, addressing their underrepresentation in STEM fields. By envisioning how to create innovation hubs centered on IK and practices, the workshop will promote sustainable and inclusive economic growth while fostering cross-Pacific collaboration through Hawai'i's strategic position. These efforts will not only influence NSF's strategic investments but also cultivate a new generation of culturally competent technologists and creators.

The outcomes of this workshop therefore include:

- An outline for translational computational media research and development pathways that are novel as well as equitable and inclusive.
Conceptual models of innovation spaces in academia,
- industry, and within communities that foster new businesses at the intersection of IK and CCM.
A report advising the NSF Technology, Innovation and Partnerships directorate on research and development
- investment potential in this area, with insights applicable to empowering Indigenous communities nationwide.

The expectations of your participation are:

Pre-Workshop

- You will be sent a participant packet that will include:
 - A pre-workshop questionnaire regarding your vision for Indigenous Knowledge CCM innovation **no later than 07/15/24**.
 - Pre-workshop reading materials
 - Further instructions to coordinate travel, accommodation, and ADA services if needed.

On Day 1

- You will be asked to introduce yourself and your expertise to the group.
- Watch and engage in a showcase of current CCM practice, projects, and initiatives.
- Engage in facilitated group conversations.
- Prepare and present a 5-minute presentation to share insights and new ideas to a broader group.

On Day 2

- You will participate in writing groups to capture ideas, insights, challenges, and other thoughts to provide the synthesis team the material needed to generate the listed outcomes of the workshop.