

## Native Voices in STEM Spring 2023 Seminar Series



## **Chantel Harrison (Diné)**

**Indigeponics: Indigenizing Controlled Environment Agriculture** 

## Jaymus Lee (Diné)

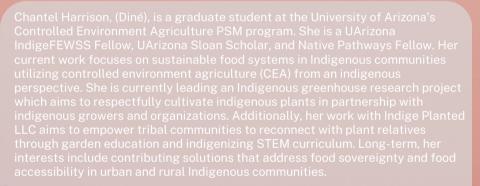
Off-Grid CEA Greenhouse for Food Production: A Collaborative Pilot Project between Diné College and the University of Arizona

Date: May 3, 2023

Time: 12:00 - 1:00 MST (Same as PDT)

Location: ENR2 - N604 & online

Register **HERE** 



Jaymus Lee is a graduate student at the University of Arizona's Applied Biosciences PSM program in Controlled Environment Agriculture within the Department of Biosystems Engineering. He is Diné, a member of the Navajo Nation whose family comes from the Four Corners area. He completed the Indige-FEWSS NSF Fellowship and most recently worked as a Sustainable Agriculture & Water Futures Intern with the Babbitt Center. He is finalizing a pilot project between UArizona and Diné College to develop a novel and sustainable solution for off-grid food production within controlled environment agriculture (CEA) systems. His current scope of work focuses on off-grid greenhouse and hydroponic system design, indigenizing STEM curriculum, and would like to further study the role of CEA systems on tribal lands to address issues in the food-energy-water nexus and food sovereignty.



RESEARCH, INNOVATION & IMPACT

Societal Impact

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