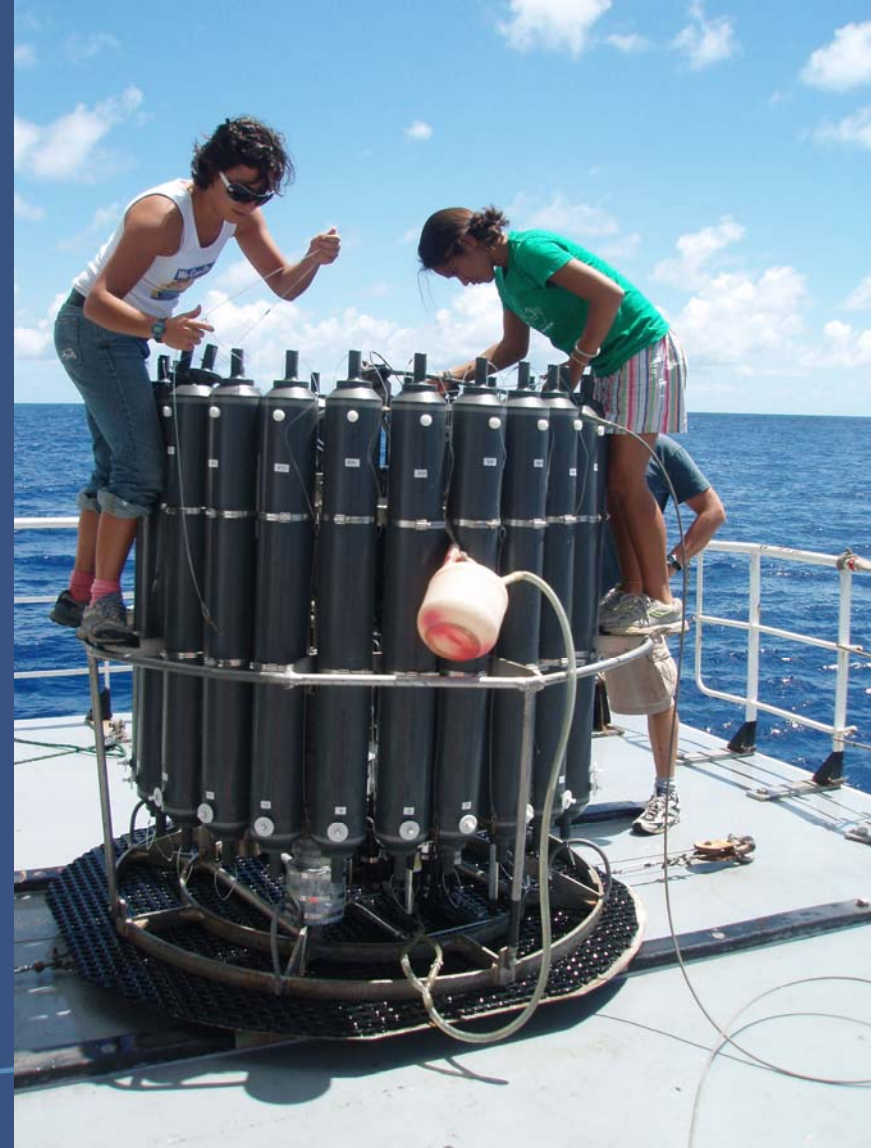


Stage 1: Set goals

Education Goals

- Increase scientific literacy in microbial oceanography
- Provide state-of-the-art training to the next generation of microbial oceanographers



Hawaii Diversity Goals

Increase the number of under-represented minorities (esp. Native Hawaiians and Pacific Islanders)

- In all levels of Center research and education programs
- Pursuing careers in the ocean and earth sciences, and related disciplines





Stage 2: Develop partnerships

Stage 1: Set goals

Education Pipeline

High School > Undergraduate > Graduate + Postdoc > Professional

Ka Hana 'Imi Na'auao

Operated by / Affiliated with:

- UHM Center on Disability Studies
- ALU LIKE

Funding Source:

- Native Hawai'i Education Act
(a funding unit of the US Dept of Education)

c•more



Education Pipeline

High School > **Undergraduate** > Graduate + Postdoc > Professional

Ka 'Imi 'Ike

Operated by / Affiliated with:

- UHM Hawaii Biodiversity & Mapping Program
- Na Pua No'eau

Funding Source:

- National Science Foundation

c.more



Education Pipeline

High School > **Undergraduate** > Graduate + Postdoc > Professional



Pacific Internship Programs for Exploring Science (PIPES)

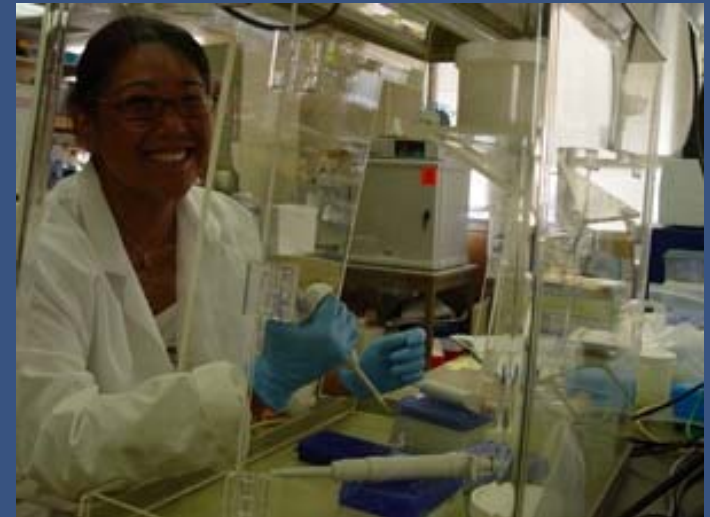
Operated by / Affiliated with:

- University of Hawai'i at Hilo

Funding Source:

- NSF Research Experience for Undergraduates
- EPSCoR

c•more



Education Pipeline

High School > Undergraduate > **Graduate + Postdoc** > Professional

Summer Microbial Oceanography Course

Operated by / Affiliated with:

- Center for Microbial Oceanography: Research and Education (C-MORE)

Funding Source:

- Agouron Institute

c·more





Education Pipeline

High School > Undergraduate > Graduate + Postdoc > **Professional**

Operated by / Affiliated with:

- Quality Education for Minorities
- Jackson State University

Funding Source:

- National Science Foundation

Faculty Fellows

c•more





Stage 3: Identify needs and gaps

Stage 2: Develop partnerships

Stage 1: Set goals



Ka'imi'Ike Undergraduates

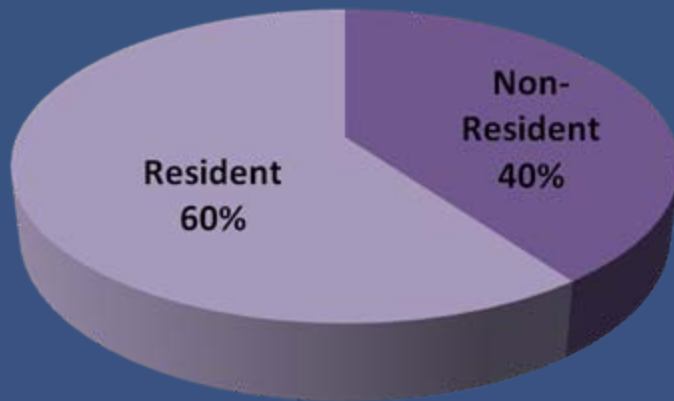


Graduate & Post-Doc Course

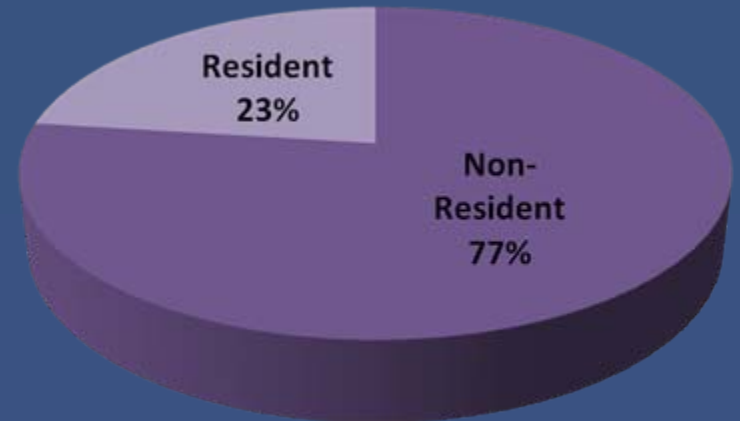




Undergraduate Demographics UH Manoa



All Majors



**Global Environmental
Science**



Stage 1: Set goals

Stage 2: Develop partnerships

Stage 3: Identify needs and gaps

Stage 4: Get advice

Diversity Advisory Committee

PIPES

Pacific Internship Programs for Exploring Science

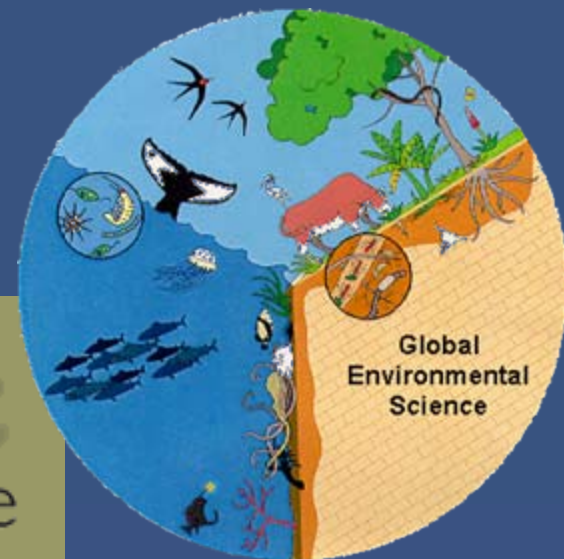
NĀ PUA NO'EAU



CENTER FOR GIFTED & TALENTED
HAWAIIAN CHILDREN



Ka 'Imi 'Ike
Seeker of Knowledge





Advice Received:

- **Develop career pathways**
- **Create scholarships & internships**
- **Connect with Industry**
- **Provide close mentoring**
- **Develop Sense of Place**
- **Involve families**
- **Work with K-12 educators**



Stage 1: Set goals

Stage 2: Develop partnerships

Stage 3: Identify needs and gaps

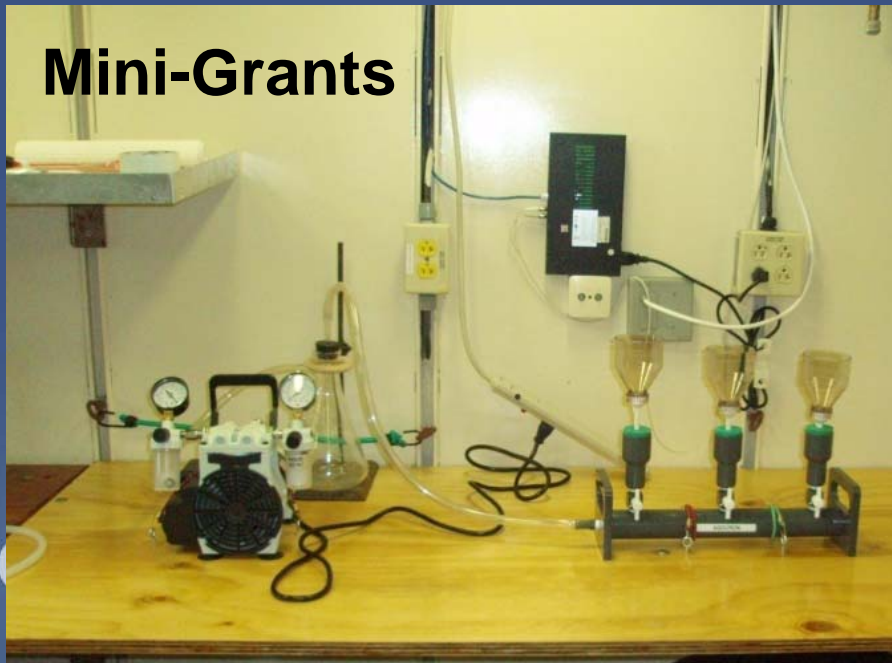
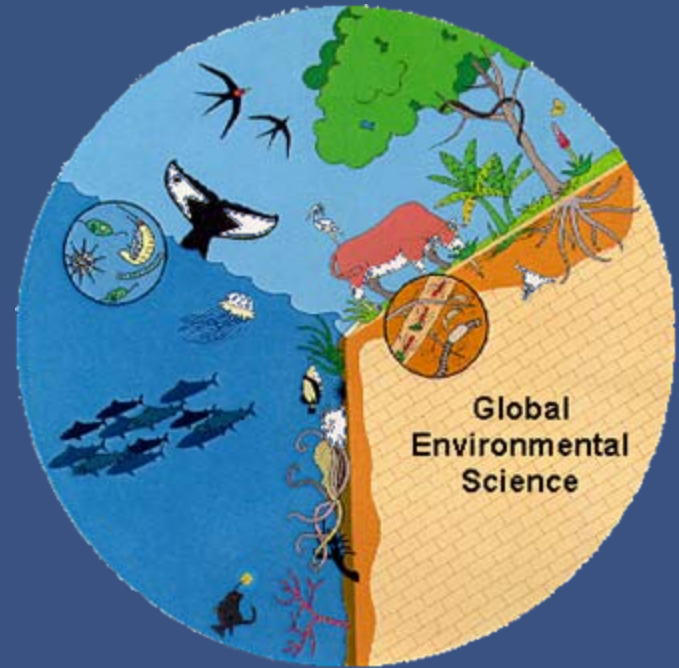
Stage 4: Get advice

Stage 5: Pilot new programs

Pilot Programs



**Under Development:
Scholars Program**



**For more information:
cmore.soest.hawaii.edu
barb@hawaii.edu**