



SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY
UNIVERSITY OF HAWAI'I AT MĀNOA

GES SYMPOSIUM

Thursday, May 5, 2016 – 10:00 am-2:30 pm
MSB 114

Presenters:

First Session (10:00-11:45)

Eduardo Vaz Guimaraes

Lauren Yumol

Lisa Hall

Brandon Hicks

Nathaniel Harmon

Chili Dog Lunch Break (11:45-1:00)

Second Session (1:00-2:30)

Charles "Aka" Beebe

Ryan Ueunten

Marshall Clark

Casey Moss

Reception (~2:30-3:00)



This event is sponsored by
The Global Environmental Science
Undergraduate Program

GES PRESENTERS INFO
MAY 5, 2016

FIRST SESSION

1. Eduardo Vaz Guimarães

Presentation Title: TEMPORAL VARIABILITY IN THE BRAZILIAN AMAZON FOREST FIRES AND ITS EFFECT ON LOCAL RESPIRATORY PROBLEMS, SEPTEMBER OF 2005
Mentor: Pete Mouginis-Mark, HIGP

2. Lauren Yumol

Presentation Title: Response of Polytrichum Strictum Plants to Regional Warming of the Antarctic Peninsula Using Geochemistry of Peat and Modern and Fossil Plants
Mentor: David Beilman, Geography

3. Lisa Hall

Presentation Title: THE ECOLOGY OF REOCCURRING ASSOCIATIONS BETWEEN EUKARYOTIC PHYTOPLANKTON AND THE NITROGEN-FIXING CYANOBACTERIUM, TRICHODESMIUM
Mentors: Matthew J. Church and Yoshimi M. Rii, Oceanography

4. Brandon Hicks

Presentation Title: VALIDATION OF SATELLITE DERIVED TOTAL SUSPENDED MATTER IN INLAND WATERS
Mentor: Robert Wright, HIGP

5. Nathaniel Harmon

Presentation Title: TOWARDS DEVELOPMENT OF A TRACE ELEMENT SAMPLING SYSTEM: IN SITU PRE-CONCENTRATION USING A BI-DIRECTIONAL PUMP
Mentors: Chris Measures and Mariko Hatta, Oceanography

SECOND SESSION

6. Charles "Aka" Beebe

Presentation Title: Ka Wai Ola o Kanewai
Mentor: Rosie Alegado

7. Ryan Ueunten

Presentation Title: Feasibility of Reconstructing Climate in Hawaii Using Dendrochronology
Mentors: Rosie Alegado and Axel Timmermann, Oceanography

8. Marshall Clark

Presentation Title: Environmental Changes at Station ALOHA from Earth System Simulations
Mentors: Pedro DiNezio, Oceanography and Jim Potemra, HIGP

9. Casey Moss

Presentation Title: EFFECTS OF NUTRIENT LOADING, ELEVATED TEMPERATURE, AND OCEAN ACIDIFICATION ON CRUSTOSE CORALLINE ALGAE
Mentors: Rob Toonen, HIMB and Chris Jury, Oceanography