Townhall Meeting & Discussion with the Dean
11/25/20

Building on 30+ years of excellence and innovation
CORONAVIRUS 2020

Physical health  Mental health
Essential workers  Work from home
Primary care givers  Isolation
Facial masks/shields  Social distancing
On-line classes  & Commencement
Position sweeps  Hiring & SSA freeze
Spending constraints  Travel freeze
Economic recession  Zoom meetings

Thankfully, only one hurricane threatened HI, & new White House administration 2021
2020 Tenure & Promotion

T&P  R4  Joanne Yew
T&P  I4  Christina Karamperidou
P    A5  Brad Romine
P    S3  Rachel Lenz
P    I5  Erica Goetze
T    I5  Chris Sabine
T    I4  Angel White
P    R4  Eric Franklin
P    R4  Sam Wilson
EGU 2020 IAN McHARG MEDAL to Paul Wessel
for outstanding contributions to developing open source software, including GMT, for the Earth and space sciences that have enable thousands of research projects and papers.

AMS 2021 HENRY STOMMEL MEDAL to Bo Qiu
for seminal contributions using observations, models, and theory to understand the dynamics of the North Pacific Ocean circulation and its role in the climate system.
2020 UH Mānoa Award winners

Board of Regents’ Medal for Excellence in Teaching

Alison Nugent

Grieg Steward

Presidential Award for Outstanding Service

Jim Potemra
RCUH 2020 Awards
Support staff 2\textsuperscript{nd} Outstanding Team

Hope Ronco JIMAR
Monk Seal Rehab.

Tiziana Cherubini & Ryan Lyman
of the Maunakea Weather Center
Mariana Rocha de Souza
HIMB graduate student
awarded the 2020-21
American Association of University Women fellowship to empower women in STEM
Winner of the U.S. Department of Energy 2020 Marine Energy Collegiate Competition:
UH wave-powered docking station for autonomous underwater vehicles

Team Halona Students:
Nicholas Ulm ORE
Stefan Mrozewkski
Jonathan Wallen CoEng
Maddyson Jeske

Mentor:
Patrick Cross HNEI

Nalu e wai nearshore desalination system: oscillating wave surge pumps seawater through a RO system
Water on the sunlit lunar surface
Casey Hannibal, Paul Lucey et al.,
*Nature Astronomy*

& in aquifers offshore Kona
Eric Attias et al.,
*Science Advances*
Metagenomic study of porites corals & their algal & bacterial symbionts reveals co-evolutionary adaptation & cryptic speciation (morphological diversity) as a function of depth & distance from shore. in *Nature Scientific Reports*

Zac Forsman, Ingrid Knapp, Rob Toonen
Mystery of glacial lake floods solved: Iceland jokulhlaup triggered by perched water lens draining into basal lake

Eric Gaidos et al., GRL
1988 · SOEST

1997 · +IPRC

2006 · +C-MORE

2015 · +PBRC

2024 · +?

SOEST Extramural Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>$84.4 M</td>
</tr>
<tr>
<td>2018</td>
<td>$93.0 M</td>
</tr>
<tr>
<td>2019</td>
<td>$97.4 M</td>
</tr>
<tr>
<td>2020</td>
<td>$0.102 B</td>
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Aloha
Aloha
Renewed SOEST Leadership 2020

July  Chris Sabine  Assoc. Dean Research

September  Rob Wright  Dir. HIGP

November  Marla Berry  Dir. PBRC
Excellence in Earth, planetary & environmental Science & Technology

Inputs
in\textit{vestments}
since 1982

\textbf{Location}
mid-ocean setting with access to the deep sea & islands

\textbf{People}
faculty, students and post-docs & staff

\textbf{Facilities}
laboratories and research vessels & observatories

Outcomes
\textit{rewards} 2020, and beyond

\textbf{Scholarship}
knowledge gained and disseminated

\textbf{Reputation}
recruitment and retention of world-class scholars

\textbf{Extramural Funding}
business and economic development and more

From distant galaxies to the ocean depths ... and everywhere in between
SOEST, by the numbers:

~1,000 employees
117 TT faculty, 43.5 “I”
150 u/grad majors
200 grad students
3 Student/TT Faculty Ratio
8 Student/ I Faculty Ratio
400 journal publications

AY = FY 2019/2020

88 degrees awarded
(BS/A 32, MS 34, PhD 22)
10,346 SSH
$ 23M General funds
$ 5M Tuition funds
$ 7M Research & Tr. RF
$102M extramural