Challenging Students to Create the Future of Hawai‘i

Chancellor Donald Straney
Rotary Club of Hilo Bay
July 30, 2014
Hilo, Hawai‘i
THIRTY METER TELESCOPE

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
One learns from many sources

Photo courtesy of TMT
**WHERE ARE WE HEADED?**

<table>
<thead>
<tr>
<th>HAWAI‘I INNOVATION INITIATIVE</th>
<th>21st CENTURY FACILITIES</th>
<th>INDIGENOUS SERVING INSTITUTION</th>
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</thead>
<tbody>
<tr>
<td>• Internships</td>
<td>• College of Pharmacy building</td>
<td>• Cultural Heritage Management</td>
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<tr>
<td>• Increased research activity</td>
<td>• Continued repair and maintenance</td>
<td>• Bilingual instruction in General Education</td>
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<td>• Partnerships, Natural Energy Lab of Hawai‘i Authority (NELHA)</td>
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<td>• Integrate culture, ʻāina, and learning into the student experience</td>
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<td>• A model for energy and food self-sufficiency</td>
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<td>• University Village, Phase II</td>
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WHERE ARE WE HEADED?

HAWAI‘I GRADUATION INITIATIVE

- New Freshman Programs
- Student Success and Engagement
- Applied Learning

**EVERY 3 STUDENTS**
- 1 GRADUATES
- 2 lost from UH Hilo

**EVERY 5 STUDENTS**
- 2 GRADUATE here or elsewhere
- 2 still in school here or elsewhere
- 1 does not graduate

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TRENDS

* Includes PharmD & Professional Degrees

Sources: UH System Office of Institutional Research; UH Hilo Student Affairs

‘Aʻohe pau ka ʻike i ka hālau hoʻokahi
One learns from many sources
OUR CHALLENGES

1. Recruit students who can succeed
2. Keep students here
3. Help students graduate

Dorrance Scholars on Nature Conservancy Field Trip
NEW DEGREE PROGRAMS

• Energy Engineering
• Aviation
• Cultural Heritage Management

Technician Nick Turner doing UAV mapping for Big Island farmers
Recent faculty hires

- Ryan Perroy, Mapping and GIS
- Shiwu Sung, Biomass to Energy
- Marina Karides, Island Cultures
- Jesse Eiben, Tropical Alpine Biology
- Li Tao, Cell mechanics
- Misty Pacheco, Public Health
- Francois Asconi, Oceanography

Entomologist Jesse Eiben - expert on the wēkiu bug - on Mauna Kea’s summit.
$14M research grants & contracts in FY2013

575 research workers; average annual full time pay $42,700

UH Hilo’s University Park of Science & Technology: 400 employees

RESEARCH IMPACT

Jason Adolf’s phytoplankton research — from Hilo Bay to UH Hilo’s Scanning Electron Microscopy and Analytical Detector Lab.
• Decreasing energy costs, increasing recycling
• Moving to self-sufficiency in food

Norman Arancon demonstrating economical hydroponic systems
ATHLETICS

Challenges
• Travel Costs
• Conference Structure
• Funding

Benefits
• Student Success
• School Spirit
• Community Engagement

Women’s Sports:
- BASKETBALL
- CROSS COUNTRY
- GOLF
- SOCCER
- SOFTBALL
- TENNIS
- VOLLEYBALL

Men’s Sports:
- BASEBALL
- BASKETBALL
- GOLF
- SOCCER
- TENNIS

Challenges
• Travel Costs
• Conference Structure
• Funding

Benefits
• Student Success
• School Spirit
• Community Engagement
• What is a college town?
• What do we want ours to be?
• Can we be a college island?
CONNECTING CAMPUS & COMMUNITY

• University Village Phase 2
• Athletic events at community venues
• Traffic safety around campus
• Evening events & classes
• Internships & service learning programs
• New student & faculty orientation
UH Hilo Priorities

• Applied Learning for All Students
• Assure Student Success
• Be a “Steward of Place”
• Expand Expertise to Stimulate Economic Growth
• Connect Hawaiʻi with the World

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UNIVERSITY OF HAWAI‘I FOR HAWAI‘I ISLAND

Working together to serve the island as a whole

THE DANIEL K. INOUYE COLLEGE OF PHARMACY

University of Hawai‘i
HILO

University of Hawai‘i at Hilo, North Hawai‘i
A University of Hawai‘i Education and Research Center

University of Hawai‘i Community College

University Center, West Hawai‘i
A University of Hawai‘i Education Center