Toward a Vibrant Economy for the 21st Century

Chancellor Donald Straney • Rotary Club of Hilo • November 30, 2012
Total impact on island

- 8,056 students
- $40M+ state budgets
- $40M+ tuition/fees
- 926 employees
- 900 student employees

Hawai‘i Island’s UH
‘Aʻohe pau ka ‘ike i ka hālau hoʻokahi
One learns from many sources

Projected Change in Population: 2010-2020

<table>
<thead>
<tr>
<th>State of Hawaiʻi</th>
<th>Hawaiʻi County</th>
<th>Honolulu County</th>
<th>Kauaʻi County</th>
<th>Maui County</th>
</tr>
</thead>
<tbody>
<tr>
<td>+8.9%</td>
<td>+19.3%</td>
<td>+5.3%</td>
<td>+12.7%</td>
<td>+16.8%</td>
</tr>
</tbody>
</table>

Source: DBED&T
Workforce Participation, Age 16+

- East Hawai'i: 60.6%
- Wai'anae: 62.5%
- East O'ahu: 64.4%
- Kaua'i: 67.0%
- Windward: 67.6%
- Central O'ahu: 67.6%
- North Shore: 68.2%
- Maui: 70.2%
- West Hawai'i: 70.3%
- 'Ewa: 70.6%

Source: U.S. Census Bureau, American Community Survey, 2006-10 Estimates, 5-Year estimates
EVPAA Jul 2012
UNIVERSITY OF HAWAI'I 2ND DECADE
4,100; growing 2-5%/yr

- 70% state residents
- 25% Native Hawaiian
- 6% international
- 23% freshman from O‘ahu
- 15% live on campus
- 38% graduate in 6 years

Source: Office of Institutional Research

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
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UH Hilo Students
• $28M state general funds
• $34M tuition & fees
• $17M research/grants
- $44.4M total
  - $33M federal (23% scholarships/grants/work study)
  - $6M state/university (97% scholarships/grants)
  - $4M other scholarships/grants
  - $966K private loans

- 65% of students receive financial aid
- 80% of total freshmen
- 5.5% default rate below national average
‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
One learns from many sources

Indirect Effects

<table>
<thead>
<tr>
<th>Year</th>
<th>Indirect Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-04</td>
<td>$99.6M</td>
</tr>
<tr>
<td>2005-06</td>
<td>$191M</td>
</tr>
<tr>
<td>2007-08</td>
<td>$240.4M</td>
</tr>
<tr>
<td>2010-2011</td>
<td>$295M</td>
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</tbody>
</table>
• 724 faculty & staff
• 673 student workers
• 575 research workers (RCUH)
• UH Hilo’s University Park of Science & Technology: 400 additional employees
Per Capita Personal Income, 2010 Inflation Adjusted Dollars

<table>
<thead>
<tr>
<th>Area</th>
<th>Low Need</th>
<th>Medium Need</th>
<th>High Need</th>
<th>Very High Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waikane</td>
<td>$17,717</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Shore</td>
<td>$21,846</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East Hawai'i</td>
<td>$23,180</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kaua'i</td>
<td></td>
<td></td>
<td>$27,622</td>
<td></td>
</tr>
<tr>
<td>'Ewa</td>
<td></td>
<td></td>
<td>$27,817</td>
<td></td>
</tr>
<tr>
<td>Central O'ahu</td>
<td></td>
<td></td>
<td>$28,378</td>
<td></td>
</tr>
<tr>
<td>Maui</td>
<td></td>
<td></td>
<td>$29,927</td>
<td></td>
</tr>
<tr>
<td>West Hawai'i</td>
<td></td>
<td></td>
<td>$30,844</td>
<td></td>
</tr>
<tr>
<td>Windward</td>
<td></td>
<td></td>
<td>$32,497</td>
<td></td>
</tr>
<tr>
<td>East O'ahu</td>
<td></td>
<td></td>
<td>$34,083</td>
<td></td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, American Community Survey, 2006-10 Estimates, 5-Year estimates
EVPAA Jul 2012
UNIVERSITY OF HAWAI'I 2ND DECADE

Relative Need for Postsecondary Ed & Training
$100M construction
‘Imiloa Astronomy Center
  • $1.1M Total revenue (46,000 patrons)
Lecturers & visiting experts
Sodexho: $152K to local farmers
Performing Arts Center:
  • 36 events (24,000 patrons)
Athletics
  • Total sports: 12
  • Total games: 240 (105 home)
  • Total athlete bed-nights at local hotels: 4,440

Indirect Effects
An applied university, a part of the community

Roles:
- Initiate
- Explore
- Connect
- Cultivate

‘Aohe pau ka ‘ike i ka hālau hoʻokahi
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UH Hilo: A Partner with the Community
• Programs
  • PhD, Pharmaceutical Sciences
  • DNP, Nursing Practice
  • BA, Pharmacy Studies
  • MA, Teaching
  • MS, Clinical Psychopharmacology

Inaugural Cohort for Doctor of Nursing Program

Initiate

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
One learns from many sources
• New programs & infrastructure
• New careers in
  • Climate Change
  • Engineering
  • Food & Fuel Security
  • Health and Wellness
  • Heritage Management
  • Informatics

Initiate
Sustainability

- Food security
  - Adopt-a-Beehive Program
  - Local First
  - Vets to Farmers
- Energy Efficiency
  - Campus grid study with Cornell
  - Reduce “vampire” power

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

- Center for Rural Health
- Center for the Study of Active Volcanoes
- Conference Center
- ‘Imiloa Astronomy Center
- North Hawai‘i Education & Research Center
- Office of Mauna Kea Management
- Pacific Aquaculture & Coastal Resources Center
- Small Business Development Center
- University Park of Science & Technology

Connect
- Federal agency labs
  - Fisheries Cooperative Research Unit
  - Pacific Climate Science Center
  - Hawaiʻi Conservation Alliance
- Partnerships with other island nations
- Lifelong learning
  - Conference Center
  - North Hawaiʻi Education & Research Center
  - College of Continuing Education & Community Service
University Innovation Agenda
• Double research in 10 yrs to $1B
• Research facilities and faculty in key areas such as:
  • Astronomy
  • Marine Science
  • Informatics
  • Health & Wellness
  • Food & Fuel
• How fast should we grow?
• What do we want our UH Hilo profile to be like?
• What is the realistic growth we can expect in facilities?
• What other areas deserve new programs or program enhancement?
• What is a college town?
• What do we want in ours?
• Can we be a college island?

College Town
Creating a Future with the People of Hawai‘i

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