Toward a Vibrant Economy for the 21st Century

Chancellor Donald Straney • Joint Chamber Economic Development Committees • July 25, 2012 • Hilo
Hawai‘i Island’s UH

Total impact on island

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

‘A‘ohe pau ka ‘ike i ka hālau hoʻokahi
One learns from many sources
Projected Change in Population, 2010–2020

- Hawai‘i County: +19.3%
- Honolulu County: +5.3%
- Kaua‘i County: +12.7%
- Maui County: +16.8%
- State of Hawai‘i: +8.9%

Source: DBED&T

‘Aʻohe pau ka ‘ike i ka hālau hoʻokahi
One learns from many sources
# Relative Need for Postsecondary Ed & Training

## Workforce Participation, Age 16+

<table>
<thead>
<tr>
<th>Location</th>
<th>Participation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Hawai‘i</td>
<td>60.6%</td>
</tr>
<tr>
<td>Wai‘anae</td>
<td>62.5%</td>
</tr>
<tr>
<td>East O‘ahu</td>
<td>64.4%</td>
</tr>
<tr>
<td>Kaua‘i</td>
<td>67.0%</td>
</tr>
<tr>
<td>Windward</td>
<td>67.6%</td>
</tr>
<tr>
<td>Central O‘ahu</td>
<td>67.6%</td>
</tr>
<tr>
<td>North Shore</td>
<td>68.2%</td>
</tr>
<tr>
<td>Maui</td>
<td>70.2%</td>
</tr>
<tr>
<td>West Hawai‘i</td>
<td>70.3%</td>
</tr>
<tr>
<td>‘Ewa</td>
<td>70.6%</td>
</tr>
</tbody>
</table>

**Statewide:** 66.8%

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Source: U.S. Census Bureau, American Community Survey, 2006-10 Estimates, 5-Year estimates.

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

4,100; growing 2-5%/yr
- 70% state residents
- 22% Native Hawaiian
- 8% international
- 23% freshman from O‘ahu
- 15% live on campus
- 38% graduate in 6 years

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

- $28M state general funds
- $32M tuition & fees
- $17M research grants & contracts

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

- $44.4 million total
  - $33M Federal (23% Scholarships/Grants/WorkStudy)
  - $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

Source: UH Hilo Student Affairs

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
One learns from many sources
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Source: UH Hilo Office of Administrative Affairs

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

- 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

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

Source: UH Hilo Professor of Economics David Hammes

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
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Indirect Effects

- 724 faculty & staff create jobs for:
  - 673 student workers
  - 575 research workers (RCUH)
  - 900+ graduates entering new jobs

- UH Hilo’s University Park of Science & Technology:
  - 400 additional jobs

‘Aʻohe pau ka ‘ike i ka hālau hoʻokahi
One learns from many sources
# Relative Need for Postsecondary Ed & Training

## Per Capita Personal Income, 2010 Inflation Adjusted Dollars

<table>
<thead>
<tr>
<th>Region</th>
<th>Per Capita Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waiʻanae</td>
<td>$17,717</td>
</tr>
<tr>
<td>North Shore</td>
<td>$21,846</td>
</tr>
<tr>
<td>East Hawaiʻi</td>
<td>$23,180</td>
</tr>
<tr>
<td>Kauaʻi</td>
<td>$27,622</td>
</tr>
<tr>
<td>ʻEwa</td>
<td>$27,817</td>
</tr>
<tr>
<td>Central Oʻahu</td>
<td>$28,378</td>
</tr>
<tr>
<td>Maui</td>
<td>$29,927</td>
</tr>
<tr>
<td>West Hawaiʻi</td>
<td>$30,844</td>
</tr>
<tr>
<td>Windward</td>
<td>$32,497</td>
</tr>
<tr>
<td>East Oʻahu</td>
<td>$34,083</td>
</tr>
</tbody>
</table>

**Statewide:** $28,882

Source: U.S. Census Bureau, American Community Survey, 2006-10 Estimates, 5-Year estimates.

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‘Aʻohe pau ka ʻike i ka hālau hoʻokahi
One learns from many sources
Indirect Effects

- $90M construction
  - $32M University Village, Phase 1
  - $28M Hale ‘Ōlelo College of Hawaiian Language Building
  - $18M Student Services Building
  - $8M Hale Kanilehua renovation & addition
  - $3.7M University Bookstore

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
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Indirect Effects

- ‘Imiloa Astronomy Center
  - $1.1M total revenue (46,000 patrons)
- Lectures & visiting experts
- Sodexho: $152K to local farmers

‘A‘ohe pau ka ‘ike i ka hālau ho‘okahi
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Indirect Effects

- Cultural activities
  - Performing Arts Center: 36 events generated income (24,000 patrons)

- Athletics
  - Total sports: 12
  - Total # games: 240 (105 home)
  - Total number of athlete-bed-nights at local hotels: 4,440

ʻAʻohe pau ka ʻike i ka hālau hoʻokahi
One learns from many sources
University as a Partner

- UH Hilo is indebted to Hilo and Hawai‘i island
- An applied university, a part of the community
- Roles:
  - Connect
  - Initiate
  - Cultivate
  - Explore

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

- Federal agency labs
  - Fisheries Cooperative Research Unit
  - Pacific Climate Science Center
  - Hawai‘i Conservation Alliance
- Partnerships with other island nations
- Lifelong learning
  - Conference Center
  - North Hawai‘i Education & Research Center
  - College of Continuing Education & Community Service

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

UH Hilo Initiates

New careers

- Hawaiian language
- Heritage management

*Kulanihako‘i Hula Drama, June 2012, → UH Hilo Performing Arts Center*

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

New careers
- Engineering
- Health and wellness: Doctor of Physical Therapy

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

University Innovation Agenda:
- Double research in 10 yrs to $1B
- Research facilities at UH Hilo and UH Mānoa
- Hire faculty in:
  - Astronomy & Marine Science
  - Informatics
  - Health & Wellness
  - Food & Fuel

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

- Informatics
  - Data storage
  - Analytics
  - Useful for business of every size & sector

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

The Challenge of Sustainability

- Food security
- Synergy between food & fuel production

Hawai‘i County Food Self-Sufficiency Baseline Study 2012 →

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

Sustainability

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

ʻAʻohe pau ka ʻike i ka hālau hoʻokahi
One learns from many sources
UH Hilo’s Impact

- Focus on outcomes, not just activity
- Do we:
  - Create value in commercial, societal, community, professional contexts?
  - Build capacity to sustain efforts?
  - Strengthen partnerships for future work?
  - Generate new opportunities?

‘Aʻohe pau ka ‘ike i ka hālau hoʻokahi
One learns from many sources
College Town

- What is a college town?
- What do we want in ours?
- Can we be a college island?

ʻAʻohe pau ka ʻike i ka hālau hoʻokahi
One learns from many sources
How do the university and community work together as partners to create a thriving economy?