

UH - CTAHR UPDATE

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Work goes on as usual at HC&S even as the company prepares to end production

By Andrew Gomes
August 25, 2016



Harvesting sugarcane stalks. Photo: AP



THURSDAY 8/25/16

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WINDING DOWN

Work goes on as usual at HC&S even as the company prepares to end production and employees are left to find new pursuits

PHOTO: UNIVERSITY OF HAWAII AT MANOA

200
Approximate number of HC&S employees who have left the job

92
Have found other jobs

30
Were able to return

HEPATITIS A
22 cases reported as outbreak appears to diminish

By Steve Givens
Hawaii News-Examiner

The number of hepatitis A cases in Hawaii continues to decline, reaching 22 in Hialeah, but the outbreak appears to be far from over, said the state health department.

The Hawaii Department of Health says the outbreak began in Hialeah, Fla., in late 2014, and spread to Hawaii in early 2015. The outbreak has since spread to other parts of the state, including Honolulu, Maui, and Kauai.

Health officials say the outbreak is still ongoing, but the number of cases has declined significantly since the beginning of the year. The state health department says it is still investigating the outbreak and has not yet identified a common source.

ACT results show many high school students not ready for college

Former state DHS fraud investigator caught running employment scam

Free after-school program helps young engineering minds

By Andrew Gomes

"My school always says that I'm a 'winding down' student. You know what that means? It's like you're just winding down."

Heidi, a senior at the University of Hawaii at Manoa, is one of many students who are winding down their high school careers. Heidi is a member of the University of Hawaii at Manoa's "Winding Down" club, which is a group of students who are winding down their high school careers.

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College of Tropical Agriculture and Mechanic Arts of the Territory of Hawai'i

- Established 1907
- Changed to College of Hawai'i in 1911
- Became University of Hawai'i in 1920
- College of Tropical Agriculture and Human Resources in 1978



College building 1907

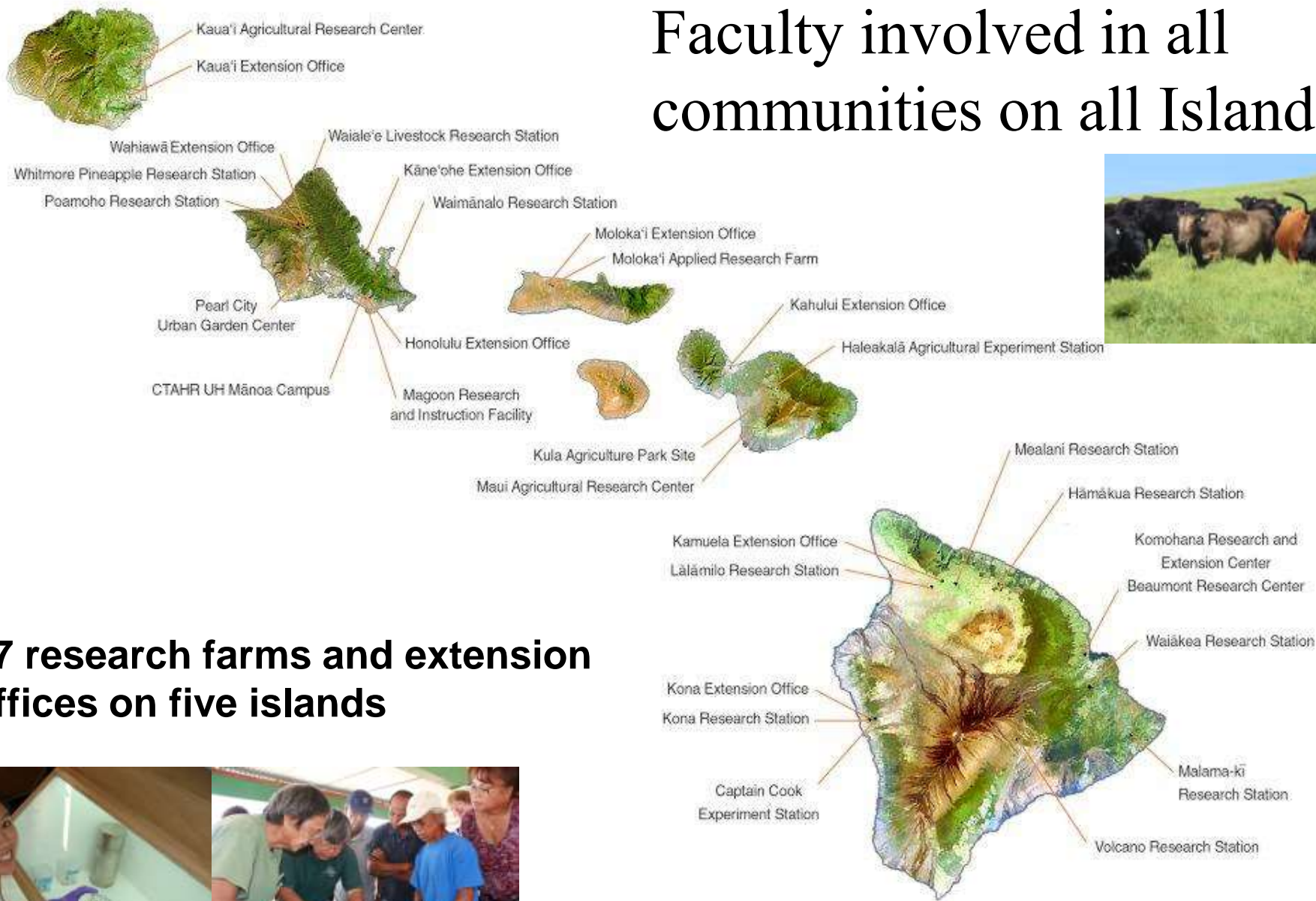
Integration
Instruction, Research, and Extension



Campus 1945



Faculty involved in all communities on all Islands



27 research farms and extension offices on five islands





- ❑ CTAHR dedicated to problem solving and providing evidence-based information for all forms of agriculture.
- ❑ Goal to help in the state's economic development, environmental protection and ensure healthy families.
- ❑ Uphold academic freedom and respect the rights of farmers and consumers.





Teaching - Research - Extension

Science for specialty crops and markets



Responsibility

- Food Crops & Seed
- Pastures & Animals
- Fruits & Vegetables
- Ornamentals & Flowers
- Rural families

Not sugar



CTAHR contributions

- ✿ Teaching the next generation
- ✿ Applying science to improving crop production, quality and food safety
- ✿ Looking for alternative crops and breeding varieties suitable for our needs
- ✿ Protecting the environment – invasive pests, soil fertility and sustainability
- ✿ Family and children's healthy living and healthy food





University and Agriculture



- **Trend** - University as a corporation – new sources of revenue or downsizing
 - Priorities teaching (\$) and research (\$)
- UH Priorities
 - Agriculture?????? and state needs ????
 - Sugars gone – let's cut CTAHR???
 - Lip service???





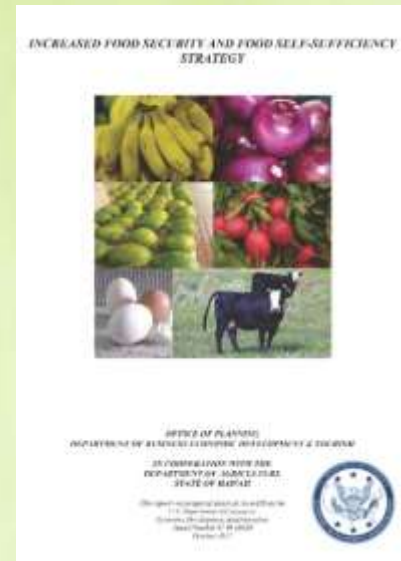
Hawai'i and Agriculture

- Hawaii has a low Food Self-Sufficiency
- Hawaii has much in common with other Pacific island states, Asia, SE Asia.
- Many of Hawaii's crops are of little national interest – fewer \$ = fewer grants. Hope USDA – SCI
- Funds need to carry out research to meet the future of agriculture in Hawaii



Important political & policy issues for making farming profitable in Hawaii

- ✿ Low Food Self-Sufficiency
 - ✿ Governor 2030 pledge double food production
 - ✿ Food Security & Self Sufficient Strategy 2012
- ✿ Clear and concise agenda to meet individual agriculture industry needs – Industry Analysis
- ✿ Balance ex. Biofuels versus food crops
- ✿ Balancing land & energy use, worker health and safety, water use & quality = Sustainability





CTAHR Current Status

- ✿ Four new extension agent positions.
- ✿ College broke – no new positions
 - ✿ Agribusiness Management
 - ✿ Sustainability
 - ✿ Landscape Maintenance
- ✿ Work with the legislature to achieve common goals. Need support for research and extension activities.



Agriculture's reputation?

- ✿ Counter modern view of farming as not attractive
- ✿ Consumers curious about food but uninformed
 - ✿ Bucolic (romantic) vision – green pastures, happy cows and chickens, local food, noble farmer
- ✿ All farming involves impacts on the environment
 - **Stress** the use of crop rotations, IPM, cover crops, pesticides & fertilizer minimization, reduced tillage, reduced run-off, safe and healthy food
- ✿ Stress all solutions need science and good management



Conclusions: -

Future - Hawaii farmers & consumers

- ✿ Healthy and safe food - sustainability
- ✿ Credible science to counter activist science
- ✿ Reuse – recycle: water, alternative energy sources and farming inputs
- ✿ Need program reduce food waste
- ✿ Farming activities will have increased need for technical expertise and greater precision to reduce resource inputs
- ✿ **Biggest benefits to State in a sustainable way**



Thank you – Questions.

Families, Communities and the Local Economy

