

DAVID IGE
GOVERNOR OF HAWAII

DOUG CHIN
LIEUTENANT GOVERNOR



HAWAII INVASIVE SPECIES COUNCIL
1151 PUNCHBOWL ST., #325
HONOLULU, HAWAII 96813

VOTING MEMBERS
SUZANNE CASE
DEPARTMENT OF LAND & NATURAL
RESOURCES
SCOTT ENRIGHT
DEPARTMENT OF AGRICULTURE
KEITH KAWAOKA
DEPARTMENT OF HEALTH
MARIA GALLO, PhD
UNIVERSITY OF HAWAII
LEO ASUNCION
DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM, OFFICE OF
PLANNING
DAVID RODRIGUEZ
DEPARTMENT OF TRANSPORTATION

MEETING NOTICE

Hawaii Department of Land and Natural Resources
DOFAW Conference Room 325

Friday, 1PM
November 9, 2018

**Research & Technology Working Group
of the
Hawaii Invasive Species Council**

AGENDA

1. **Call to order:** 1:05p by Chair James Leary
2. **Introductions:**
 - a. **On-line:** James Leary, Mike Melzer, Tiffani Keanini,
 - b. **In-person:** Randy Bartlett, Josh Atwood, Chelsea Arnott
3. **Announcements:**
 - a. **Review past meeting notes at:**
<http://dlnr.hawaii.gov/hisc/meetings/wg/research/>
 - b. *James: Leaving UH for UF as research extension specialist in aquatic plant management.*
 - c. *Josh: If anyone wants a link to the WGA BISI workshop registration in Kona on 12/10, let me know and I'll send it to you.*
 - d. *Josh: HISC Planner position will soon be under recruitment.*
 - e. *Josh: Adam Radford is taking the lead on a Legislative Field Trip for Senator Mike Gabbard on Maui. He wants to see the LFA infestation area*

in Nahiku. We're also talking about showing him the Coqui infestation area in Maliko Gulch. HBT would also be a great addition.

4. Action Items: (see table & **hi-lighted** items below)

a. HIBP Progress Updates:

1. PrePro1.2: Risk Assessments

2. BorPro2.4: Biofouling Technologies

- a. Christy Martin and Jules Kuo joined the California trials, Chelsea will check in and see what is needed for the Hawaii trials and if they're on for summer 2019

3. PosTifs1.13: Extension Agents/Specialist/Researcher

- a. Josh to talk to CTAHR leadership about positions and prioritizing diagnostics and weed science capacities. Still need a forest pathologist (focus on ROD) in addition to the DOFAW ask

4. PosTifs1.14: Agriculture Diagnosticians

5. PwsPro3.8: UH Biosecurity Instruction

- a. Mike Melzer now teaching a 600 level class on Agriculture and Food Safety that focuses on biosecurity, and a course on managing invasive pathogens in agriculture

6. PwsTifs1.7: UH Biosecurity Instructor/Researcher

- a. Mike will get back to us on this

5. Selection of New Chair:

- a. *James: Nominates Cas Vanderwoude and/or Mike Melzer. Another possible candidate could be Kim Burnett.*
- b. *Josh: Another possible candidate could be Keith Weiser/CRB Response.*
- c. *Mike: Open nominations to the R&T Listserv for a week. Notify nominees. Open for e-Ballots.*
- d. *James: Any HISC funding awardees should be required to participate in the relevant WG.*

6. Discussion: Glyphosate White Paper/HISC Resolution

- a. *James: (reads draft: critical difference between Hazard Rating and Risk. Need to trust the existing EPA and State of Hawaii (DOH/DOA) process to*

determine the risk to human health.) Is one page (front & back) enough or too much?

- b. Josh: Next step to share with meeting participants, then with Fenix Grange/HDOH and John McHugh/HDOA.*

7. Discussion: Unfunded Research Needs:

- a. Randy: Will send out survey to listserv asking the WG members to prioritize FY18 R&T proposals and/or suggest additional R&T proposal topics for the Resources WG to refer to during the next funding cycle.*
- b. James: Possible need to “cap” Control proposals to be more equitable to other proposal categories. Any benefit analysis done with keeping PCSU/ISCs at UH vs at HDOA and/or DLNR?*

8. Project Updates:

a. Biocontrol: Tracy Johnson:

- i. Melastome:**
- ii. Himalayan Ginger:**
- iii. Albizia:**

b. CRB:

i. Michael Melzer:

- 1. Maintain CRB Colony for research purposes**
 - a. Pheremone research*
- 2. Genetic pesticide research**
 - a. Focus on larvae: 5 genes of 24 successful in causing mortality*
 - b. Non-target: OFB*
- 3. Smart trap development (Dan Jenkins)**

ii. Zhiqiang Cheng:

- 1. Chemical & Mechanical control:**

c. LFA:

- i. Cas Vanderwoude/Michelle Montgomery:**
- ii. Paul Krushelnycky:**

d. HBT: James Leary:

- i. Miconia:**
 - 1. Bioeconomics of Miconia Management paper accepted.**

2. *Presentation to Maui County Council.*
3. *Moving away from comprehensive containment to prioritizing assets.*
4. *Remote pilot certification workshop.*
5. *FAA approval to dispense pesticides via unmanned aerial systems. Standard operations manual, etc.*

ii. **Albizia:**

e. **Rat Lungworm:**

i. *Norine Yeung:*

ii. *Chris Niebuhr:*

f. **Mongoose:** *Shane Siers:*

g. **Spittlebug:** *Mark Thorne:*

9. **Comments:**

a. *Josh: Is there a plan to continue the Weed Management Forums/Workshops that you (James Leary) initiated?*

b. *James: There is interest on Maui and it would be great to continue on other islands as well.*

10. **Next Meeting:** *FY19 Q3 TBD*

11. **Adjournment:** *2:57p*

Online Participation Instructions:

Friday, November 9, 2018 | 1:00 pm Hawaii Time (GMT-10:00) | 2 hours

Meeting number: 813 239 198

Meeting password: H!\$Cwg19

Meeting link: [JOIN THE MEETING](#) <==click here

Audio connection:

1-877-787-0206 (US) Call-in toll-free number (Verizon)

1-877-787-0206 (US) Call-in number (Verizon)

Attendee access code: 499 006 3

For information, contact:

HISC Support staff: 1151 Punchbowl St, #325, Honolulu, HI 96813; Fax: 587-0160

Joshua Atwood, Ph.D., HISC Program Supervisor: 808.587.4154 or Joshua.P.Atwood@hawaii.gov

Randy Bartlett, HISC Interagency Coordinator: 808.341.3042 or Randal.T.Bartlett@hawaii.gov

Leyla Kaufman, Ph.D., Mamalu Poepoe Coordinator: 808.956.2450 or leyla@hawaii.edu

Elizabeth Speith, 643pest.org Report Facilitator: 808.264.4757 or speith@hawaii.edu

R&T Working Group Action Items Tracking

Date Started	Action Item	Personnel	Status
3/9/18	Josh will contact toxicologists to see if they would work with James on a position paper about glyphosate. Would be a review of the Cal-IPC paper to see if they're comfortable with it, then the HI product would be a simple statement on the value of glyphosate in management in Hawaii. 6/22: Monsanto bought by Syngenta and will no longer be a brand-name. Need for talking points re facts on pesticide use, etc. - Josh to search thru bills at beginning of next Legislative session for related red flag language. - Begin process to create white-paper on specific chemicals; including environmental fate & health issues/toxicology.	Josh	In progress
3/9/18	PrePro1.2: Risk Assessments What assistance can R&T WG provide to HDOA on conducting risk assessments (a major component of the HIBP)? ACTION: Josh to approach HDOA and ask what data they need help with, rather than us running with it and then presenting the results later. When HDOA and researchers are talking to one another about the types of assessments that need to be done, we can turn that into funding proposals to get the work done. 6/22: Josh asked HDOA. They're fine for now. Will be gathering data via their new e-manifest system to be online by the end of the year. Need to ask at next Prevention WG meeting re need for data analyst.	Josh	Completed

3/9/18	BorPro2.4: Biofouling technologies Working on this. HISC Reso 18-1, resos in 2018 legislature. ACTION: Jules working on Hawaii joining the Alliance for Coastal Technologies evaluations of technology. 6/22: HISC resolution passed. Christy Martin worked on a House Concurrent Resolution 130 which passed in the 2018 Legislative session. 11/9: Christy Martin & Jules Kuo went to CA to observe & learn about existing & new technologies.	Jules	In progress
3/9/18	PosTifs1.13 & 1.14, PwsPro3.8, PwsTifs1.7: CTAHR extension agents and faculty that teach invasives/biosecurity issues 11/9: Mike Melzer: In dire need of Ag. Diagnosticians (lost Scott Nelson, Plant Pathology). James Leary: Need to maintain a Weed Science capacity after that guy Leary leaves. Need to emphasize CTAHR's position in the Biosecurity scheme of things as a whole with Kelvin Sewake. Need to invest in a Forest Pathologist to respond to future ROD-like outbreaks. ACTION: Dean Comerford is prioritizing new positions now. Diagnostics is high on this list. Support for these hires from CTAHR staff on the call. HISC staff relayed the interest in these positions in their initial meeting with Dean Comerford. 6/22: New extension agent on Kaua'i (entomologist)	James/Josh	In progress