Zoology Graduate Program
Meeting Outline

• introduce the program
• celebrate our past year accomplishments
• introduce 2017 cohort & key people
• review new handbook & new policies
• *pau hana* to welcome new cohort
Zoology Graduate Program

• 12 MS students & 28 PhD students

• 24 Regular Faculty (Department of Biology):
  18 Level 3 (active)
  0 Level 2
  6 Level 1 (emeritus)

• 25 Cooperating Faculty:
  14 Level 3 (other UHM units)
  5 Level 2 (other UHM units)
  6 Level 1 (emeritus & non-UH)
Zoology Graduate Program

Celebrating Our Past Year

3 new MS degrees:
Randi Riggs, Lee Shannon, Thomas Smith

6 new PhD degrees:
Jessica Chen, Annick Cros, Jean Fantle-Lepczyk, Jonatha Giddens, Haruko Koike, Jamie Sziklay

>20 publications by graduate students
Zoology Graduate Program
Celebrating Our Past Year

2016 Graduate Student of the Year:
Raphael Ritson-Williams
runner-up Mary Donovan

2016 Tester Symposium Best Paper Award:
Tom Iwanicki

new NSF & NOAA fellowships:
Richard Coleman, ‘Ale‘alani Dudoit, & Jessica Maxfield

see Biology Graduate web page for other awardees!
Zoology Graduate Program
2017 Cohort

Welcome

Austin Greene (Megan Donahue)
Randi Rollins (Robert Cowie)
Helen Sung (Marguerite Butler)
Michael Wallstrom (Floyd Reed)
Rebecca Weible (Cindy Hunter)
McLean Worsham (Masato Yoshizawa)
Zoology Graduate Program

Key People

Tom Iwanicki
Zoology Grad Rep
iwanicki@hawaii.edu

Marisa McDonald
Marine Biology Grad Rep

Van Wishingrad
Zoology GSO Rep
vanw@hawaii.edu
Zoology Graduate Program

Key People

Samantha Giridhar
Graduate Academic Support
zoolgrad@hawaii.edu

Amy Moran
Chair, Graduate Instruction Committee
morana@hawaii.edu

Mark Hixon
Chair, Zoology Graduate Program
hixonm@hawaii.edu
Zoology Graduate Program

Key Committees

• Graduate Admissions Committee
• Graduate Instruction Committee
• Graduate Faculty Review Committee (*future*)
• Ad Hoc Committee for Revising the Biology/Zoology Graduate Program

Thank You
Ad Hoc Committee for Revising the Biology/Zoology Graduate Program

aka “AH-CR-BZ-GP” or “Ah crap, busy goop”

Rob Cowie, PBRC
Mark Hixon, Biology (chair)
Peter Marko, Biology
Amy Moran, Biology
Andy Taylor, Biology (ex officio)
Bob Thomson, Biology
Rob Toonen, HIMB
Amber Wright, Biology
Ad Hoc Committee for Revising the Biology/Zoology Graduate Program

aka “AH-CR-BZ-GP” or “Ah crap, busy goop”

Graduate Faculty Policies ✓
Graduate Admission Policies ✓
Graduate Curriculum ✓
Graduate Student Assessment ✓

next: Graduate Faculty Assessment
2017-2018*
Zoology Graduate Student and Faculty Handbook

ESSENTIAL READING &REFERENCE

UNIVERSITY of HAWAI‘I* MĀNOA

* Supersedes all previous editions (especially those undated).
Zoology Graduate Student & Faculty Handbook

- Quick Guide to Starting Graduate School
- Quick Reference Guide
- Graduate Faculty Policies
- Graduate Admissions Policies
- Graduate Student Support Policies & Sources
- Graduate Student ‘Ohana
- Graduate Curriculum Policies
- Graduate Student Review & Assessment Policies
- Appendix: Helpful Resources
3 New Forms

University of Hawai‘i at Mānoa
Zoology Graduate Program

Annual Graduate Student Review Checklist
for calendar year 2016

Instructions:
(1) Please collate all information, including this form, CV & statement, into ONE document, including all pages, with this checklist as the first page.
(2) Name your document “yourlastname_2016_Review.doc” and save as a Word for Windows file.
(3) E-mail your document to the Chair of the Zoology Graduate Instruction Committee: Dr. Amy Moran (morana@hawaii.edu) by 31 January 2017 (no exceptions).

Student Name:
Semester and Year of Program Entry:
Graduate Advisor:

Checklist: Please fill-out this checklist (enter an “X” between the brackets for each completed item):
[ ] (1) Curriculum Vitae (see below for organization and contents)
[ ] (2) Annual Review Statement (see below for description)
[ ] (3) Form I completed?
[ ] (4) Form II/A completed (if relevant)?
[ ] (5) Form II completed?
[ ] (6) Form III completed?

Annual Review Curriculum Vitae (for calendar year 2016)
Please organize your CV as follows, leaving blanks under headings where there is no information:
3 New Forms

University of Hawai‘i at Mānoa
Zoology Graduate Program

Annual Graduate Student Review Summary
for calendar year 2016

Graduate Student:
Graduate Advisor:
Reviewer:
Review:
Zoology Graduate Program  
University of Hawai‘i at Mānoa, EDM 216  
Honolulu, HI 96822  
808-956-4743, zoolgrad@hawaii.edu

Annual Committee Meeting Report

Student Name:  
Date (MM/DD/YR):

It is the responsibility of each graduate student to organize a meeting with his/her committee each academic year. This form should be filled-out at the committee meeting and signed by all present. Please submit this completed form to the Zoology Graduate Program, either scanned (zoolgrad@hawaii.edu) or hardcopy (Edmondson 216) as soon as practical following the meeting.

Summary of progress during the past year:  
- Courses completed:  
- Requirements completed:  
- Problems encountered?

Progress of thesis/dissertation research:

Goals for this and next year:
3 New Forms

ZOOLGY GRADUATE ASSESSMENT FORM

Student Name: ________________________________  Student ID: __________________

Degree: [ ] PhD  [ ] MS Plan A  [ ] MS Plan B

Assessment:
[ ] preliminary (at completion of Form II advance to candidacy for PhD and MS Plan A)
[ ] final (at completion of Form III dissertation evaluation for PhD, Form III thesis evaluation for MS Plan A, or degree completion Form II for MS Plan B)

Zoology Graduate Student Learning Outcomes: Student will:
1. demonstrate advanced knowledge in a specialized area of the biological sciences and general knowledge of related areas, as defined by the student’s committee;
2. • PhD track: conduct original and independent scientific research, including critical analysis, synthesis and use of information and data that contributes to one’s field of study; or
   • MS A (thesis) track: conduct scientific research, including critical analysis, synthesis and use of information and data specific to one’s field of study; or
   • MS B (non-thesis) track: critically analyze, synthesize and interpret information specific to one’s field of study;
3. proficiently communicate and disseminate scientific information in oral and in written form;
4. conduct research responsibly and ethically; and
5. engage professionally and collegially with the larger scientific community and with society.

OVERALL JUDGMENT (based on average of rubrics on following page):

[ ] DOES NOT MEET  [ ] MEETS  [ ] EXCEEDS  Zoology Graduate Student Learning Outcomes.

Signatures: (If the Overall Judgment does not meet expectations, then please attach a remediation plan.):

Graduate Committee Chair: ________________________________

Committee Member 1: ________________________________

Committee Member 2: ________________________________

Committee Member 3: ________________________________
## 3 New Forms

Graduate Assessment Rubrics: Please check the most appropriate box across each row of choices:

<table>
<thead>
<tr>
<th>Criterion</th>
<th>DOES NOT MEET Expectations</th>
<th>MEETS Expectations</th>
<th>EXCEEDS Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a: Demonstrates advanced knowledge in a specialized area of the biological sciences.</td>
<td>specialized research-focused knowledge of: □ scientific literature is poor □ scientific concepts is poor</td>
<td>specialized research-focused knowledge of: □ scientific literature is adequate □ scientific concepts is adequate</td>
<td>specialized research-focused knowledge of: □ scientific literature is excellent □ scientific concepts is excellent</td>
</tr>
<tr>
<td>1b: Demonstrates general knowledge of areas related to the biological sciences, as defined by the student’s committee.</td>
<td>general broad-based knowledge of: □ scientific literature is poor □ scientific concepts is poor</td>
<td>general broad-based knowledge of: □ scientific literature is adequate □ scientific concepts is adequate</td>
<td>general broad-based knowledge of: □ scientific literature is excellent □ scientific concepts is excellent</td>
</tr>
<tr>
<td>2 (PhD only): Conducts original and independent scientific research, including critical analysis, synthesis and use of information and data that contributes to one’s field of study.</td>
<td>□ research unoriginal □ hypotheses unclear □ methods flawed □ data analysis poor □ results unconvincing □ discussion &amp; synthesis poor</td>
<td>□ research original □ hypotheses clear □ methods adequate □ data analysis adequate □ results convincing □ discussion &amp; synthesis clear</td>
<td>□ research highly creative □ hypotheses well-defined □ methods excellent □ data analysis excellent □ results outstanding □ discussion &amp; synthesis outstanding</td>
</tr>
<tr>
<td>2 (MS Plan A thesis only): Conducts scientific research, including critical analysis, synthesis and use of information and data specific to one’s field of study.</td>
<td>□ research unoriginal □ hypotheses unclear □ methods flawed □ data analysis poor □ results unconvincing □ discussion &amp; synthesis poor</td>
<td>□ research original □ hypotheses clear □ methods adequate □ data analysis adequate □ results convincing □ discussion &amp; synthesis clear</td>
<td>□ research highly creative □ hypotheses well-defined □ methods excellent □ data analysis excellent □ results outstanding □ discussion &amp; synthesis outstanding</td>
</tr>
<tr>
<td>2 (MS Plan B non-thesis only): Critically analyzes, synthesizes and interprets information specific to one’s field of study.</td>
<td>□ project unoriginal □ objectives unclear □ outcomes unconvincing</td>
<td>□ project original □ objectives clear □ outcomes convincing</td>
<td>□ project highly creative □ objectives well-defined □ outcomes outstanding</td>
</tr>
</tbody>
</table>
Transferring from MS to PhD

• You must apply for re-admission to both the Zoology Graduate Program & OGE.
• Application to OGE must include official transcripts, etc., as if you were entering UH for the first time.
• You must apply well before the semester you wish to enroll as a PhD student, typically by Dec 15.
• see handbook p.32 (p.8 is incorrect)
Undergraduate Credits

• may *not* count as far as Financial Aid and other scholarship programs are concerned – you must check with them for your particular case.

• *do* count toward credit total for graduate degrees as far as OGE is concerned, as long as Zoology Graduate Program requirement is met:
  full-time course load, including at least 1 credit of biology-relevant graduate coursework annually, & first-year students must take ZOOL 691C (see chapter 6 of the handbook for details).
Questions?