

Introduction to Collections and Research in Natural History Museums

ANT 4905, ANG 6905
ENY 4905, ENY 6905
ZOO 6927

Instructors: Dr. Akito Kawahara, Dr. Charles Cobb

General Class Information:

Course Summary

This course will introduce graduate students to research and collections in natural history museums, with a focus on the Florida Museum of Natural History. Each week we will discuss important topics in the operations and management of scientific collections or we will tour different collections in the Florida Museum of Natural History.

2 Credit hours

Course Meetings

Monday, Periods 4 and 5 (10:40 am – 12:35 pm).

The course will meet once each week. For in-class meetings, we will meet in Ustler Hall 401 (just south of the football stadium). For classes in which we tour different aspects of the museum's collections and programs, we will meet in the lobby of either Dickinson Hall or Powell Hall (i.e., the public museum) at the beginning of each class period. Please pay attention as to where each class will be meeting and be on time.

Please see the course schedule below for details on where each week's class will take place. Readings will be distributed by Canvas before each class.

Instructors

Dr. Akito Kawahara
Associate Curator of Entomology
Florida Museum of Natural History
Email: kawahara@flmnh.ufl.edu
Office hours: By appointment. Office: 218 McGuire Hall.

Dr. Charles Cobb
Curator of Historical Archeology
Florida Museum of Natural History
Email: ccobb@flmnh.ufl.edu
Office hours: By appointment. Office: 114 Dickinson Hall.

Grading and Exams:

Grades will be based on attendance and active participation in all discussions and all tours of collections. Students will be expected to do any reading of any course materials before each class.

Attendance Policy:

Students are expected to attend all classes. Absences will be excused with a doctor's note provided within 1 week or if previously arranged with the instructor.

Course Details

Schedule

Week 1 (Aug. 26):

Carr 222

Introduction to course

Guest: Dr. David Reed, FLMNH Associate Director and Curator

Week 2 (Sept. 2):

HOLIDAY

Week 3 (Sept 9):

Meet at Dickinson Hall entrance

Invertebrate Paleontology

Guest:

Roger Portell, Collection Manager, Invertebrate Paleontology

Week 4 (Sept. 16):

Meet at Dickinson Hall entrance

Environmental Archaeology

Guest:

Dr. Nicole Cannarozzi, Collection Manager, Environmental
Archeology

Week 5 (Sept. 23):

Carr 222

Ethics & Permitting

Guests:

Elise LeCompte, Anthropology Registrar

Dr. Tom Webber, Collection Manager, Ornithology

Week 6 (Sept. 30):

Meet at Dickinson Hall entrance

Ornithology

Guest:

Dr. David Steadman, Curator, Ornithology

Week 7 (Oct. 7):

Carr 222

Genetic Resources

Guests:

Dr. Pam Soltis, Curator, Molecular Systematics

Week 8 (Oct. 14):

Meet at Dickinson Hall entrance

Ichthyology

Guest:

Rob Robins, Collection Manager, Ichthyology

Week 9 (Oct. 21):

Meet at Dickinson Hall entrance

Imaging & Morphometrics

Courtesy of Blackburn Lab

Week 10 (Oct. 28):

Meet at McGuire Hall entrance

Lepidoptera

Guests:

Andrei Sourakov, Collection Manager, Lepidoptera

Week 11 (Nov. 4):

Carr 222

Informatics

Guests:

Dr. Rob Guralnick, Curator of Informatics

Gifford Waters, Collection Manager, Historical Archeology

Week 12 (Nov. 11):

HOLIDAY

Week 13 (Nov. 18):

Carr 222

Science Writing and the Thompson Institute

Guests:

Natalie van Hoose, FLMNH science writer

Dr. Megan Ennes, Curator of Education

Dr. Bruce MacFadden, Curator of Vertebrate Paleontology
& Director of Thompson Institute

Week 14 (Nov. 25):

Meet at Dickinson Hall entrance

Herbarium

Guest:

Kent Perkins, Collection Manager, Herbarium

Mark Frank, Collection Manager, Herbarium

Week 15 (Dec. 2):

Meet at McGuire Hall entrance

Public Programs & Exhibits

Guest:

Darcie MacMahon, Director of Exhibits and Public Programs

University of Florida Policy Statements

Grades and Grade Points

For information on current UF policies for assigning grade points, see:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Absences and Make-Up Work

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:
<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Academic Honesty

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see:
<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator.

Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general wellbeing are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu/cwc/
 - Counseling Services
 - Groups and Workshops
 - Outreach and Consultation
 - Self-Help Library
 - Training Programs
- U Matter We Care, www.umatter.ufl.edu/
- Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

0001 Reid Hall, 392-8565, www.dso.ufl.edu/drc/

Student Complaints

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://www.distance.ufl.edu/student-complaint-process> for more details.

Sexual Harassment

It is the policy of The University of Florida to provide an educational and working environment for its students, faculty, and staff that is free from sex discrimination and sexual harassment. In accordance with federal and state law, the University prohibits discrimination on the basis of sex, including sexual harassment. Sex discrimination and sexual harassment will not be tolerated, and individuals who

engage in such conduct will be subject to disciplinary action. The University encourages students, faculty, staff, and visitors to promptly report sex discrimination and sexual harassment. If you believe you have been subjected to sex discrimination or sexual harassment please report the incident to me or any University official, administrator, or supervisor. The Office of Human Resource Services investigates all complaints. Incidents should be reported as soon as possible after the time of their occurrence (larry-ellis@ufl.edu).