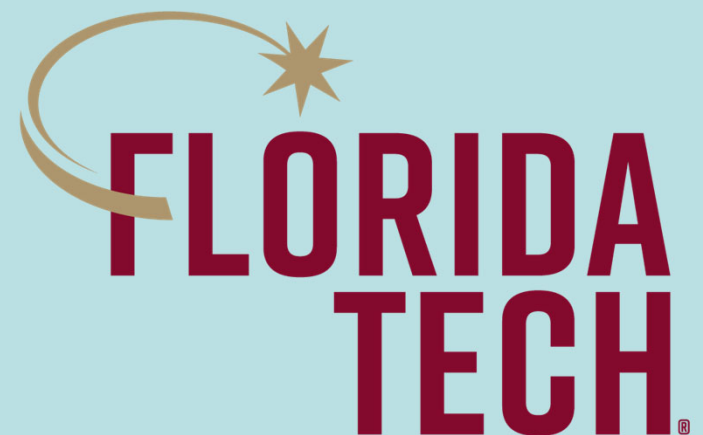


Dept. of Ocean Engineering and Marine Sciences

Rich Aronson
Head of Department



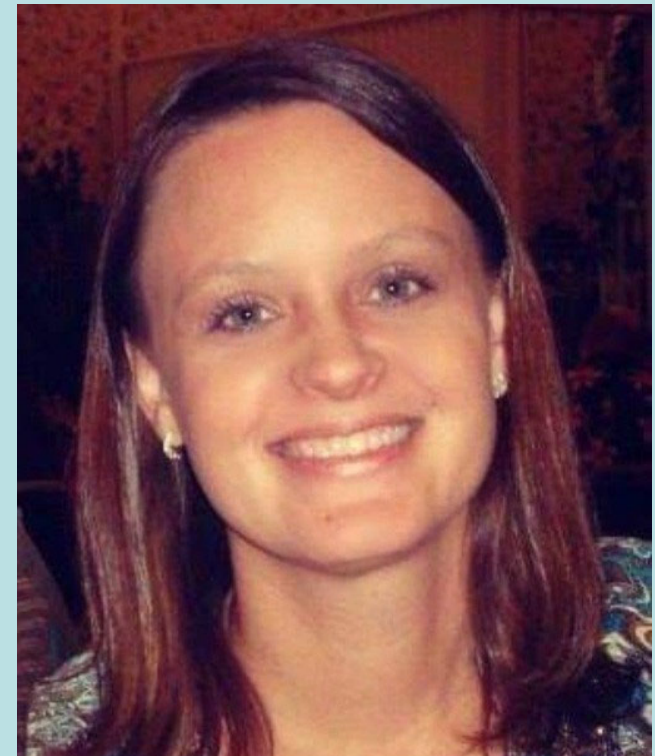
Who We Are 2024

- 86 Incoming Undergraduate Majors
 - 45 Marine Biology (52%)
 - 16 Ocean Engineering (19%)
 - 8 Environmental Science (9%)
 - 7 Meteorology (8%)
 - 5 Oceanography (6%)
 - 4 General Biology (5%)
 - 1 Sustainability (1%)

Total, all years: 228 undergraduate majors
- 55 Graduate Students, all majors, all years

Important Administrative Staff

- Jennifer Flutie, Departmental Administrator and Office Manager.
- Christine Brooks, Student Coordinator. University-level forms go through Christine.



Evinrude Marine Operations Center



Mertens Marine Center at The Anchorage

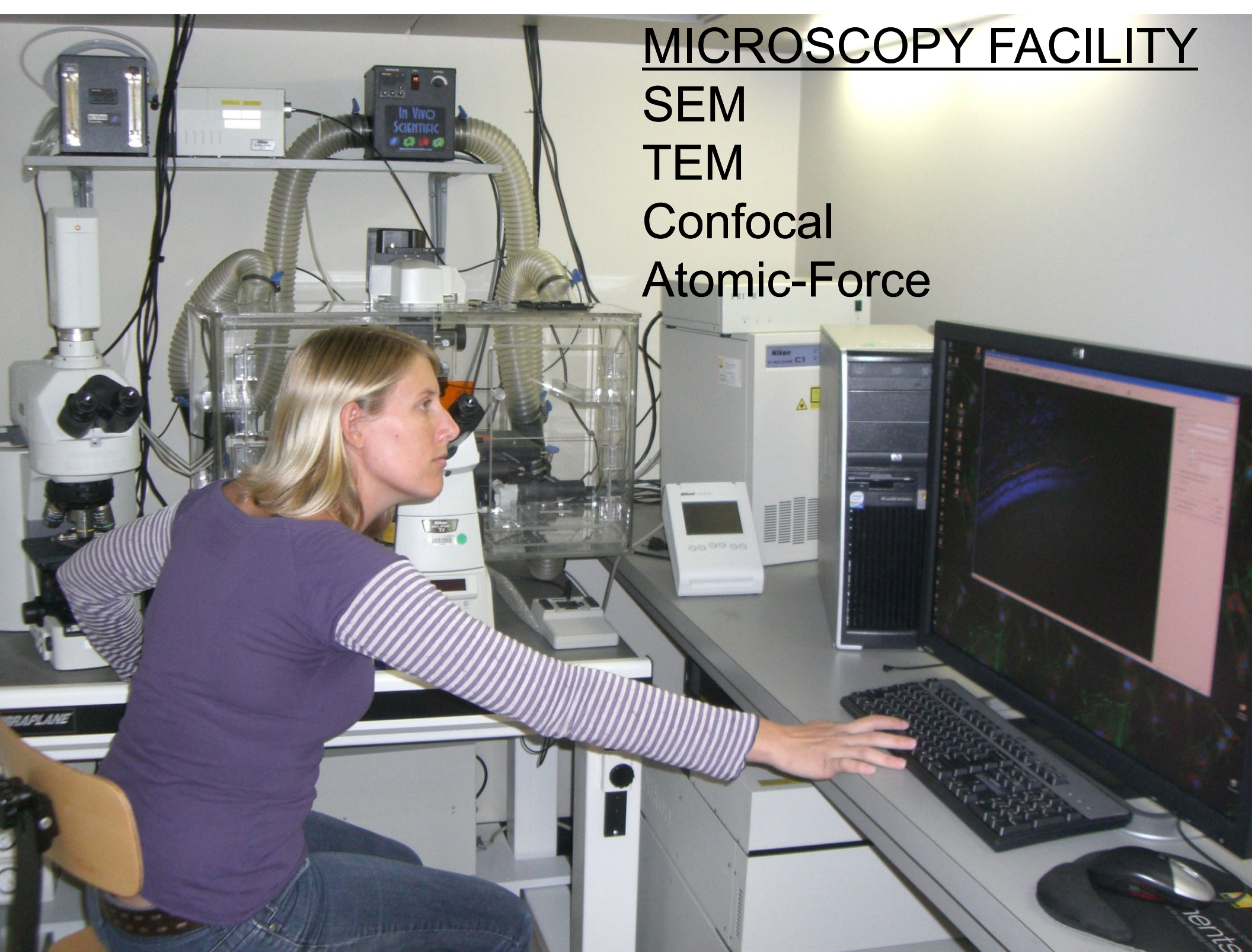


Florida Tech Aqualab



MICROSCOPY FACILITY

SEM
TEM
Confocal
Atomic-Force



Summer Field Courses

Philippines



The Amazon



Tanzania



Galápagos



Summer Field Courses

- Each is a 3-credit field course.
 - Reading assignments for discussions of journal articles
 - Field projects
 - Term papers, video assignments, and other course requirements
- Tuition is applied to field expenses.
- Course-fee over and above tuition varies with location.

Diving at Florida Tech



- **AAUS:** American Academy of Underwater Sciences
Requires Advanced Scuba Cert.

Contacts:

Tim Fletcher, DSO

Dr. Stephen Wood, this Department

- SCUBA Club
Anesti Vega, President
avega2020@my.fit.edu

U.S. Coast Guard's Auxiliary University Program

- Develop your skills with a view to becoming
 - A commissioned officer in the United States Coast Guard
 - A commissioned officer in the NOAA Corps
 - A professional in maritime and maritime-related industries
- Online classes, workshops, classroom instruction, patrol-cruises and other on-water activities.
- Training in navigation, SAR, boat-handling, communications, seamanship, mission planning, FEMA incident management, and more!
- The AUP is University-sponsored Student Activity
- <https://www.cgauxedu.us/>
- Contact: Mr. Bill Cox, USCGAux; wcox@fit.edu
- Informational session upcoming this month



Internships

Ocean Engineering, Oceanography
Environmental Science, Marine Biology

- Faculty have excellent contacts with local industry and NGOs.
- Chat with your advisor.
- You may be able to receive credit.

Internships

Students get internships and part-time jobs at local tech companies and other organizations:

- Northrup Grumman
- L3Harris Corporation
- Rockwell Collins
- Larsen Motorsports
- Structural Composites
 - President is Florida Tech OE Alum
- Matrix Composites
 - President is Florida Tech OE Alum
- Brevard Zoo
- Marine Resources Council
- Florida Fish & Wildlife

YOUR RIGHTS

- A world-class education in a nurturing environment.
- Fair, unbiased treatment.
- Access to your faculty advisor and your committee.
- Instruction and facilities to complete your degree in a timely fashion.
- Career advice from your advisor and your graduate committee.

YOUR RESPONSIBILITIES

- Academic excellence.
- Managing your schedule.
- Accessing your faculty advisor.
- Timely and satisfactory completion of your assignments.
- Attendance at seminars: Wednesdays at 4:00 PM.

Seminar Series

- Occasional Wednesdays throughout the academic year.
- 4:00 PM – 5:00 PM, in a lecture room attached to Evans Library.
- Research topics deliberately varied by field.
- Announced through the list-serve.
- Find out what's going on in research inside your Department and all over the world!

The Graduate-Student Handbook

- Read the Handbook.
- Acknowledge through the online form that you understand and will abide by its contents. Printed versions of the form available in the Departmental Office, Link 102.
- Comply with the policies and procedures in the handbook.

Important Policies from the Handbook

- Committee Meetings. Once you have an approved proposal for a thesis or dissertation, you are **REQUIRED** to meet with your graduate committee once per semester.
- Seminar and Defense. If you are in a thesis-based M.S. program or a PhD program, you **MUST** give a public seminar about your research. Your defense in front of your graduate committee will take place **after** your seminar. The two events should be very close in time.
- Copy of Thesis or Dissertation. You must submit a soft copy of your thesis or dissertation to me, your Department Head, before I will sign off on your document.
- Deviations. Non-compliance with these and other policies and procedures will delay your graduation.

Filing Your Paperwork

- Work with our student coordinator, Christine Brooks (cbrooks@fit.edu), to file your forms.
- Only exception is acknowledgement form for the Graduate-Student Handbook. That one is available online and in the Departmental Office in the Link Bldg (Room 102).
- Consult the Handbook and your advisor.

YOUR RESPONSIBILITIES

- Compliance with Title IX
 - Our expectation is that you will not be victimized by Title IX violations.
 - You are expected to comply with Title IX.
 - Course Syllabi: there is a Title IX statement in every course syllabus.
 - TAs and Faculty: you are mandatory reporters.
- Personal integrity
- Academic honesty
 - Cheating
 - Plagiarism

PLAGIARISM

Copying the work of others and presenting it as one's own.

Plagiarism includes *but is not limited to*:

- Copying text verbatim from other publications without quotation marks or attribution.
- Copying text from other publications and changing a few words without attribution.
- Copying images without attribution.
- Repeating another person's concepts or ideas in a paper without attribution.
- Submitting papers purchased from websites or other sources, **including use of AI to generate assignments.**
- Copying anything from fellow students in written exams or papers (i.e., cheating).

More information is available on the Florida Tech website:

<https://www.fit.edu/policies/student-handbook/standards-and-policies/academic-honesty/>

The penalties for plagiarism are severe!

When in doubt, consult your instructor.

SOME ADVICE

- Work hard.
- Manage your time wisely.
- Be proactive about your education.
- PLUS: Check your Florida Tech email account every day. We will not send email to another account.

Departmental Listservs

- Everyone will be signed up for the main listserv: oems@lists.fit.edu
- Subscribe to more specific listservs as appropriate.

Departmental Listservs

oems@lists.fit.edu

ALL OEMS programs (the list for department wide posts, e.g. picnic). To subscribe send email:

to: sympa@lists.fit.edu

subject: subscribe oems firstname lastname

marsci@lists.fit.edu

Marine and Conservation Bio, Ecology, Aquaculture. To subscribe send email to:

to: sympa@lists.fit.edu

subject: subscribe marsci firstname lastname

oes@lists.fit.edu

Meteorology, Oceanography, Enviro Sci, Ocean Engineering. To subscribe send email (no subject):

to: oes-subscribe@lists.fit.edu

floridatechams@lists.fit.edu

Meteorology only. To subscribe send email (no subject):

to: floridatechams-subscribe@lists.fit.edu

Lists owner: Dr. Lazarus

Social Media

<https://www.facebook.com/pg/FLTechOEMS/about/>

https://www.instagram.com/oems_floridatech/?hl=en

<https://www.tiktok.com/@swoodfit>

Other social media in development

Welcome to the Family!

Rich Aronson
Head of Department

