Graduate Orientation – Town Hall

August 13, 2020 | University of Florida

UF Herbert Wertheim College of Engineering
Department of Materials Science & Engineering
UNIVERSITY *of* FLORIDA

Welcome Address & Introductory Remarks

Andreas Enqvist, Ph.D.
NE Program Director

Agenda

Time (EST)	Topic	Speaker
10:00 a.m.	Welcome/COVID Update	Andreas Enqvist, Ph.D., NE Program Director
10:05 a.m.	Lab and Safety	Kevin Gilley, Ph.D., Lab and Safety Manager
10:10 a.m.	Finance and Research	Alisa Mountain, Fiscal Assistant
10:15 a.m.	Information Technology and Facilities	Ira Harkness, Ph.D., Lecturer, Director of IT and Facilities
10:20 a.m.	IDP & MSE Placement Exam	John J. Mecholsky, Jr., Ph.D., Associate Chair
10:25 a.m.	Student Society Presentations	American Nuclear Society Bladesmithing Team Institute of Nuclear Materials Management Materials Advantage Society of Biomaterials
10:50 a.m.	Announcements & Reminders	Academic Services Office
10:55 a.m.	Closing Remarks	Andreas Enqvist, Ph.D., NE Program Director

A copy of this presentation can be accessed via the following link: https://mse.ufl.edu/2020-graduate-student-orientation-series/.

Lab & Safety

Kevin Gilley, Ph.D., Lab and Safety Manager

Laboratory and Safety Management

Kevin Gilley, Ph.D.

Laboratory and Safety Manager

Rhines Hall 165

kgilley@mse.ufl.edu

(352) 846-3339

Things to see me for:

- Questions about experiment setups
- Dosimeter Badges
- Equipment Issues
- Lab Safety Questions
- Hazardous Waste Issue
- Questions about Supervised Teaching/TA Assignments

Finance and Research

Alisa Mountain, Fiscal Assistant

MSE Finance Staff

106 Rhines Hall

Department Email: finance@mse.ufl.edu

Cory Spence-Thomas – Associate Director

Email: cspen@eng.ufl.edu Phone: 352.294.6784

Ana Garcia – Fiscal Assistant III

Email: garciac@ufl.edu Phone: 352.846.3783

Contact for assistance with Employee reimbursements and Travel

Alisa Mountain – Fiscal Assistant II

Email: amountain@ufl.edu Phone: 352.846.3341

Contact for assistance with material and supply purchases, Pcard, UF Marketplace and Travel

Information Technology and Facilities

Ira Harkness, Ph.D., Lecturer, Director of IT and Facilities

Information Technology and Facilities

Ira Harkness, Ph.D.
Lecturer & Director of IT and Facilities

Eric Hill
End User Computing Specialist III

Mark Haberman
Maintenance Generalist II

Rhines Hall 104
support@mse.ufl.edu
(352) 273-1817
Things we can help with:

- Department IT Support
  - Software (CrystalMaker, Thermocalc, etc.)
  - Research group drives
- Keys/After-hours Swipe Card Access
- Building Facilities Issues
- Mail and Packages (Deliveries and outgoing FedEx)

IDP & MSE Placement Exam

John J. Mecholsky, Jr., Ph.D., Associate Chair

Individual Development Plan

- Requirement for all Ph.D. students, starting Fall 2017
- Required to be completed on an annual basis, in consultation with your faculty advisor
- The IDP is intended to be a working document, to guide new and continuing Ph.D. students in identifying, pursuing, and meeting their professional and personal goals.
- Completed via Canvas Modules
- Students must complete the explore, assess, and plan modules every Fall semester. The final module, which is the implement module, is divided into two Goal Check-in's: the Short-Term Goal Check-in which is completed in the Fall, and the Long-Term Goal Check-in which is completed in the Spring.
- The deadline to complete Modules is the last day of classes of the term they're required to be completed. For example, the deadline to complete the Long-Term Goal Check-in is the last day of classes of the Spring semester.
- If modules are not completed by the deadline, a hold will be placed on the student's record immediately, restricting all future registration and registration adjustment until the required modules are completed.

Individual Development Plan Timeline

Explore

Students must submit the Aspirations, Goals, and Responsibilities assignment during the Fall semester.

Assess

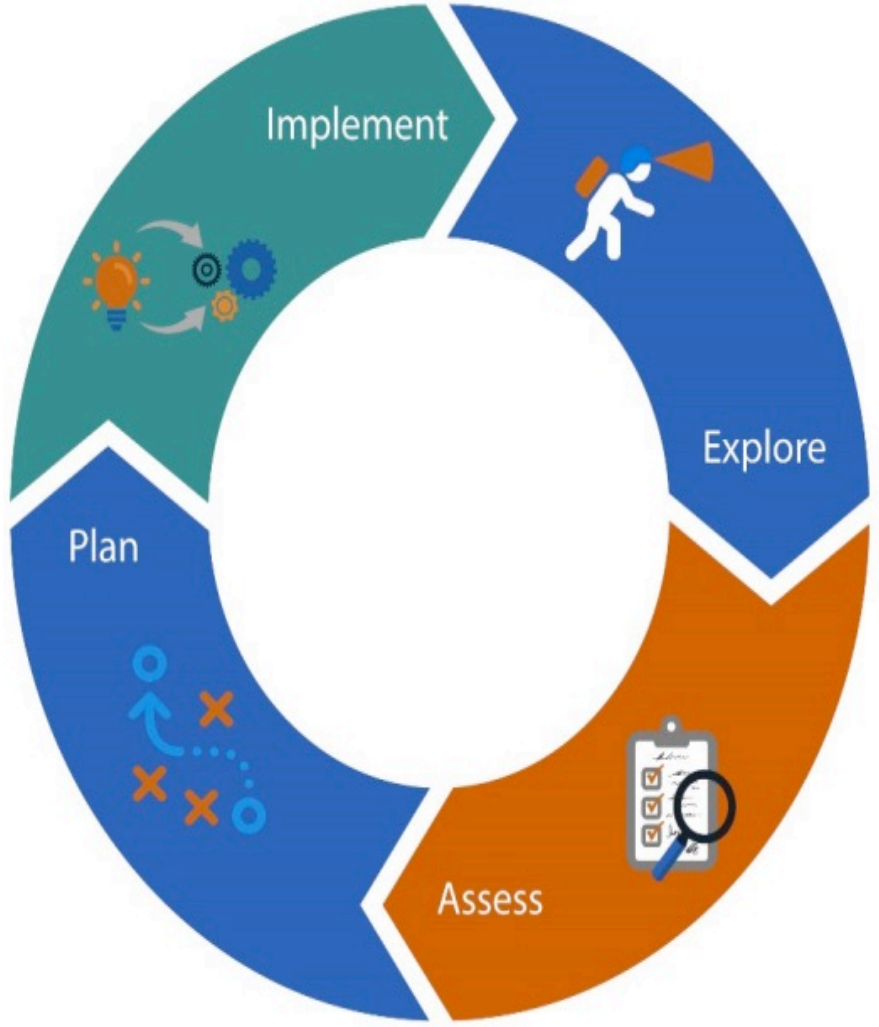
Students must submit the Self-Assessment Survey and Summary & Goals assignment during the Fall semester.

Plan

In order to complete the Plan Module, students need to first schedule and attend an advising appointment. Once they have attended the advising appointment, they must submit the Action Plan and Mentoring Plan. Students should submit all of these items during the Fall semester.

Implement

At the end of the Fall semester, students need to submit their Short-Term Goal Check-in. Students need to submit their Long-Term Goal Check-in during the Spring semester.



MSE Diagnostic Exam

- In order to help you select the appropriate registration for the Fall semester, we are administering a diagnostic examination for all incoming graduate students. The examination is to help you identify your knowledge of Materials Science and Engineering. It is a graded examination but will not be recorded on your transcript. If you score less than 80% on the test, we recommend you register for EMA 6001 – (graduate level) Introduction to Materials Science and Engineering before registering for EMA 6313. EMA 6001 is considered a technical elective which counts towards your degree. If you score greater than 80% we recommend you register for EMA 6313 – Structure and Mechanical Properties of Materials.
- The diagnostic examination will consist of 50 questions based on Introduction to Materials Science & Engineering texts, e.g., by William D. Callister. You will be registered on CANVAS and the test will be monitored using Honorlock (https://honorlock.com/). Honorlock uses Google Chrome. You will not need calculators. The examination is planned for August 28th at 10:00AM (EST). It is scheduled for 90 minutes.

Student Society Presentations

American Nuclear Society
Bladesmithing Team
Institute of Nuclear Materials Management
Materials Advantage
Society of Biomaterials

American Nuclear Society

Kaylee Cunningham, President

American Nuclear Society

Fall 2020: 90% Virtual

- Socials
- Professional Development
- Philanthropy
- Outreach

GBM's: 1st Thurs of every Month, 5pm via Zoom

Website in progress...for now, check our facebook: ANS at UF

UF Bladesmithing

Captains: Devin Ritter and Brandon Capellini

What We Do

The UF Bladesmithing team creates swords, knives, or anything with a blade to compete in the TMS Bladesmithing competition (2019 Champs!, 2020 hopefuls)

Members create an original design, choose appropriate materials, and aid a local craftsman in making the blade by hand before deeper characterization

Fall 2020 Plan

- Until further notice, NO in-person meetings, including for forging
- Zoom presentations for education and brainstorming are planned
  - **Join our Slack to stay up to date!**

Slack:
https://join.slack.com/t/ufbladesmithing/shared_invite/zt-bley746f-E9T~C5LgzLhC0UyqjZ0KxQ

Institute of Nuclear Materials Management

Ezra Cockram, President

Institute for Nuclear Materials Management

Past + Ongoing Activities

- ★ Workshops: Scientific Python
- ★ Outreach: Local Science Fair Judging
- ★ Socials: Potlucks, tailgates, local outings, game nights

Future Activities

★ <u>UF Virtual Community Engagement</u>

- Develop forum for MSE students to ask questions (technical or professional), discuss interesting topics, etc.

Institute of Nuclear Materials Management
Florida Student Chapter

Institute for Nuclear Materials Management

Meeting Time : Last Wednesday of each month
Where + When? : Zoom + 5pm

Search “INMM Florida Student Chapter” for Facebook Group
See Updates and Announcements

President [Ezra Cockram] Contact:
emma.cockram@ufl.edu
Faculty Representative [Kyle Hartig]:
hartig@mse.ufl.edu

Institute of Nuclear Materials Management
Florida Student Chapter

Materials Advantage

Natalie Starr, Vice President
Drew Davidson, Secretary

Material Advantage

MATERIAL™ ADVANTAGE
The Student Program for Materials Science and Engineering

Material Advantage at the University of Florida is a student program for students who want to make the most of their materials science and engineering experience.

Goals:

- Help create a student community within the MSE department
- Provide students with resources for developing their skills
  - Industry
  - Research
  - Leadership
  - Networking
  - Mentorship

We are currently accepting Chair applications!

Contact MA President Rachel with questions at rachel.blaydes@ufl.edu

Scan the QR code for our poll and chair application!

Society of Biomaterials

Bryan James, President

Society For Biomaterials

Giving life to a world of materials

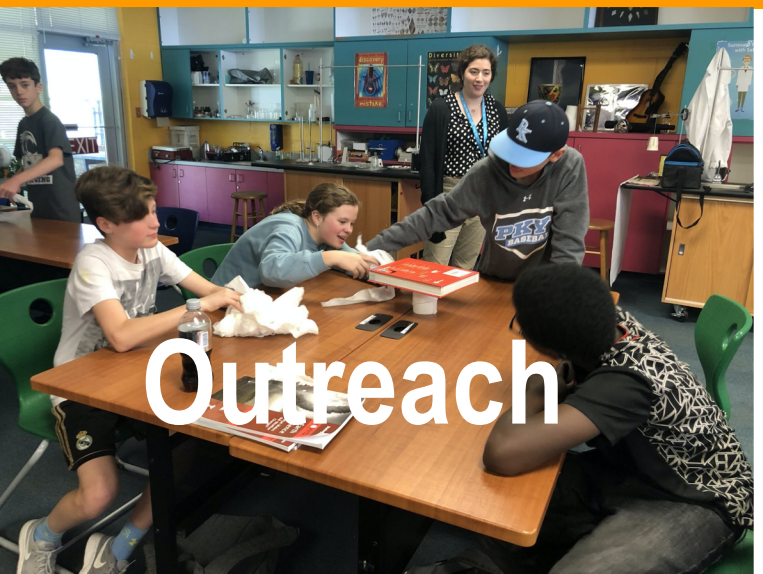
Website: www.uflbiomaterials.org

E-mail: sfb@mse.ufl.edu

Twitter: @UFLSFB

Facebook: @uflbiomaterials

Instagram: @sfb_uf



Outreach

Research

ology BIOSERVICES

Kimberly-Clark

P&G

AMEND SURGICAL

NOVABONE

Industry

Announcements and Reminders

Fall 2020 Registration

- Deadline: August 28th at 11:59 PM
- Graduate Registration Forms are required to register: https://mse.ufl.edu/academics/forms/
  - Master's students – approved by Graduate Coordinator
  - Doctoral students – approved by Faculty Advisor & reviewed by Graduate Coordinator
  - Read instructions carefully
- Submit the form at least a week before the registration deadline to allow processing time
- Contact: advising@mse.ufl.edu

Summertime Teatime:
"Are You Smarter than a Fifth Grader?"
Tuesday, August 25, 2020
Time: 3:00 p.m. – 4:00 p.m. EST

Update/Check-in Zoom Meeting
Thursday, September 10, 2020
Time: 10 a.m. EST

Reserve These Future Dates

Resources and References

Academics

- UF Graduate Catalog
  - https://catalog.ufl.edu/
- MSE and NE Graduate Handbook
  - https://mse.ufl.edu/academics/handbooks/

Resources and References

General

- UF Website
  - http://www.ufl.edu/
- UF Reopening Plan
  - https://coronavirus.ufl.edu/our-plan-forward/
- UF Screen, Test, and Protect
  - https://coronavirus.ufhealth.org/screen-test-protect/

Closing Remarks

Andreas Enqvist, Ph.D.
Nuclear Engineering Program Director

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