Today’s Orientation

• Greetings and Speakers
• Who We Are
• Important Info
Who We Are and What We Do

Our people:
- 30 professors / senior lecturers
- 13 administrative and research staff
- 23 postdocs
- 246 grad students
  - 98 MSE and 148 PhD
- 238 undergraduate students

Our goal:
- Provide you an outstanding education in a leading-edge research environment.
# Your Academic Program Staff

## John Soos
Sr. Academic Program Coordinator
- Exam Scheduling
- Event Planning
- Teaching Assistant Hiring and Payroll
- Facilities Management
- E-mail List Management
- Records and Website Maintenance
- Graduation Certifications

## Mike Bernard
Academic Program Manager
- Academic Advising
- Student Recruiting
- Graduate Application Management
- PhD Student Payroll
- Course Scheduling
- Communications Oversight
- Statistical Reporting
COVID-19 Information

Online resources

• For Grad Students - https://covidinfo.jhu.edu/information-for-graduate-students/


• International Students - https://ois.jhu.edu/Immigration_and_Visas/Travel_Information/COVID-19_Immigration-Related_FAQs/
MEGA

Mechanical Engineering Graduate Student Association

• Your voice in Mechanical Engineering
• Advocates for issues and concerns
• Social events
• Athletic teams
• Dissertation Defense celebrations
• Visit https://me.jhu.edu/mega/ for info and calendar
Milton S. Eisenhower Library

• On the Homewood Campus
• One of 9 Hopkins libraries
• We have our own librarian!

Resources
• Web – https://library.jhu.edu
• Librarian – Mr. Steve Stich – ssstich@jhu.edu
Required Introductory Courses

EN.500.603 Graduate Orientation and Academic Ethics
- 20-minute online tutorial
- Students will be registered and notified when available.
- Must complete in first semester. Don’t wait!

AS.360.625 Responsible Conduct of Research
- In-person over a week.
- Anyone doing research must take course by their 4th semester.
- Offered all semesters and summer

Opioid Awareness, Effort Reporting, American English Pronunciation (for TA work), and Title IX Anti-Harassment – visit https://me.jhu.edu/education/graduate-studies/advising/for-new-graduate-students/

Research Laboratory Safety
- 8 online modules required; in-person EN.500.601 Research Laboratory Safety class optional.
- Must take modules before starting any kind of research.
MSE Degree Requirements

Section A – A set of advisor-approved courses – 24 credits or more

• 6 courses, each 3 credits or more
• Other courses totaling 6 credits – from Center for Leadership Education or other departments – 1.5-3 credits each
• Also...
  • 2 must be applied math, numerical analysis, or computational
  • Almost half must be 530.xxx or 535.xxx Mechanical Engineering
  • Up to 2 from Engineering for Professionals
  • Up to 4 upper-undergrad level
  • No independent research, graduate research, or special studies.

Section B – choose one option – 6 additional credits

• 2 more courses - 530.823 MSE Graduate Research can be one
• Master’s Essay – 6 credits either 530.822 MSE Essay – Co-Op or 530.823 MSE Graduate Research
MSE Degree “Things to Know”

Check your Advising Manual for...

- **Sec. 3.2** – degree requirements
- **Sec. 3.5** – selecting courses
- **Sec. 3.6** – suggested courses
- **Sec. 3.7** – registration and credits
- **Sec. 3.8** – EP courses, accepted grades, double-counting between degrees
- **Sec. 3.10** – Academic Performance
- **Sec. 3.12** – Switching to the Ph.D. program
PhD Degree Requirements

Mechanical Engineering

• Pass the Departmental Qualifier Exam (DQE)
• Teaching Assistant – 2 courses
• Register for and pass EN.530.801 Graduate Research - every semester
• Register for and pass EN.530.803 MechE Graduate Seminar – first three years
• Maintain academic and research performance

University

• 2 semesters of “full-time” residency
• Pass the Graduate Board Oral (GBO) exam
• Submit and defend dissertation
PhD Degree “Things to Know”

Check your Advising Manual for...

- **Sec. 2.6** – Course Frequency
- **Sec. 3.1** – Requirements and Performance
- **Sec. 3-5** – DQE, GBO, Dissertation Defense
- **Sec. 9.1** – Annual Reviews, Seminars, Ethics
- **Sec. 12** – Financial Aid and Teaching Assistants
- **Sec. 14** – Purchasing and Reimbursements
- **Sec. 15** – Payroll
- **Sec. 16.1** – Lab Safety
More Things to Know – PhD Policies

Check Section 8 of the PhD Advising Manual for Policy Links...

- Time Off and Vacation
- Mentoring Commitments for Students and Advisors
- Graduate Residency and Registration
- Academic Policies
- Rights and Responsibilities
- Probation and Dismissal
Academic Advising – where to get help

• Your faculty advisor

• Graduate Academic Advising page - [https://me.jhu.edu/education/graduate-studies/advising/](https://me.jhu.edu/education/graduate-studies/advising/)

• Your advising manual

• Advising Week meetings – March/April and October/November

• Academic Staff - Mike Bernard and John Soos
ForagerOne

University-wide marketplace for research opportunities and collaboration

- Find and connect with faculty mentors
- Recruit undergrads and other students across disciplines to support your projects
- Discover PhD/postdoc collaborators
- Get matched with part-time consulting opportunities with companies seeking subject matter experts

Get started by logging in with your JHED credentials at https://foragerone.com/auth/login and creating your profile.
If you have Troubles

Don’t Wait! If you...
...are struggling with course work or exams,
...have trouble attending lectures,
...have emotional or mental health struggles,
...have financial or living space problems,
...are not getting along with your roommates,
...have family concerns,
...feel overwhelmed:

Ask for Help Early – it’s okay!
Talk to your Professor, Faculty Advisor, Teaching Assistant, or Academic Staff

Allison Leventhal
Student Life Administrator
410-516-2328 or aleventhal@jhu.edu

Christine Kavanagh
Associate Dean of Graduate Affairs
410-516-5938 or ckav@jhu.edu

Dr. Annalisa Peterson
Ombuds
410-218-6669 or https://www.jhu.edu/ombuds-office/
Career Services

Career exploration
Connections for jobs
Info sessions for career preparation

Life Design Lab – Masters
Mr. Mark Savage
Life Design Educator
msavag16@jhu.edu
https://imagine.jhu.edu/channels/life-design-lab/

PHutures – PhD
Dr. Roshni Rao – Director
rrao12@jhu.edu
https://imagine.jhu.edu/channels/phutures/

Mechanical Engineering “Careers and Life”
https://me.jhu.edu/education/careers-and-life/
Seminars / Teaching Assistants

Seminars

• EN.530.803 MechE Seminar – Thursday 3:00
• Other Seminars
  • EN.530.809 Mechanics and Materials – Friday 3:00
  • EN.620.745 Computational Sensing and Robotics – Wednesday 12:00
  • EN.500.602 Environmental and Applied Fluid Mechanics – Friday 3:00
  • EN.530.807 Fluid Mechanics – Friday 4:00

Teaching Assistant

• Opportunity for grading, labs, office hours, lectures
• Paid positions at equivalent of $19/hour
• International students have English Language requirements
Safety and Common Sense

Campus Safety and Security Tips

- Baltimore is a vibrant, exciting city...
- Plenty of campus police and security staff
- Secure your laptops and valuables
- Back up your work on separate systems or cloud
- Don’t leave items in your car in plain sight
- Use good judgment if walking at night

Hopkins Security

- General Info  410-516-4600
- Safety Escort  410-516-4600
- Emergency     410-516-7777 or 911
Recreation Center

- Membership is free for all full-time graduate students!
- Enjoy the pool, climbing wall, fitness center, weight room, basketball courts!
- Fitness training, swim lessons, and other programs available
- Intramural and club sports leagues and Sports Clubs

https://studentaffairs.jhu.edu/recreation/
Computing

Get Started at https://it.johnshopkins.edu/

• E-mail
• Computer discounts
• Free anti-virus
• Wi-Fi
• Zoom
• Microsoft Teams!
• Software
This’n’that...

In the back of your advising manuals...

• MEGA and GRO
• Join the ASME!
• Life outside class, on campus, and in Baltimore.
• Forms

Info for Graduate Students –
https://me.jhu.edu/education/graduate-studies/current-grad-students/

91 Things to Do in Baltimore... try 10 this year!
Resources and Contacts

Humans
• Your Faculty Advisor
• Mike Bernard  me-academic@jhu.edu
• John Soos  me-academic@jhu.edu
• Prof. Tamer Zaki  t.zaki@jhu.edu
• Prof. Gretar Tryggvason  gtryggv1@jhu.edu

Otherwise
• MSE and Ph.D. Academic Advising Manuals
• Johns Hopkins  http://www.jhu.edu
• Mechanical Engineering  http://www.me.jhu.edu
• Graduate Advising
  https://me.jhu.edu/education/graduate-studies/advising/
• Info for Grad Students
  https://me.jhu.edu/education/graduate-studies/current-grad-students/
Best of luck to you this year!

Questions?
MEGA Mission

Interface between the graduate students, administration, and faculty of the Mechanical Engineering department and to act in the best interest of the graduate students.
The MEGA Executive Board

Gargi Sadalgekar  
Co-President

Shrey Jaiswal  
Co-President

Dimitri Lezcano  
Vice President

Sergio Machaca  
Treasurer

Naveed Riaziat  
Co-Social Chair

Craig Almeida  
Co-Social Chair

Daniel Magnuson  
Secretary

Department of Mechanical
Intramural Sports

IM Leagues

Fall 2023

• Indoor Soccer
• Flag Football
• 3 v 3 Basketball
• Fantasy Teams

Sign Up Soon!

Department of Mechanical

JOHNS HOPKINS
WHITING SCHOOL
OF ENGINEERING
Personal and Professional Development

• Mental Health Awareness
  • Succulent Event
  • First Year Q&A

• Professional Development
  • Seminars
  • Fellowship/PhD Application Consulting
Resources

• Allison Leventhal, Director of Engineering Student Support and Outreach

• Christine Kavanagh, Associate Vice Dean for Graduate Education and Lifelong Learning

• Annalisa Peterson, Ombuds for Doctoral and Postdoctoral Students, Fellows and Programs

• Counseling Center

• Teachers and Researchers Union (TRU)
Open Positions on the MEGA Board

1. First-Year Rep
2. Masters Student Rep
3. Co-Community Outreach Chair
4. Co-Community Outreach Chair
5. International Student Rep
6. Sports Chair
7. Diversity and Inclusion Chair
8. Social Media

And More...!
Contact Us!

We are looking for representatives to fill our open positions!

1. Bagel Fridays - 10 am Latrobe Kitchen 3rd Floor
2. Sign up for IM League Sports
3. Top golf (Saturday, September 16th)
4. Bottom of MEGA Emails - Anonymous Feedback Form and Events Calendar

EMAIL: jhumega@gmail.com
Instagram: @mega_jhu
Events

● Large Scale
  • Ice Skating
  • Bowling
  • Kayaking

● Recurring
  • Bagel Fridays
  • Movie Nights
  • BBQs

● Cultural Celebrations
  • Lunar New Year
  • Diwali
Engineering
Graduate Education
& Lifelong Learning
Megan Barrett
Assistant Dean of Engineering Student Affairs

- Community Building
  - Graduate Representative Organization: https://studentaffairs.jhu.edu/gro
  - Women of Whiting: https://wow.students.jh.edu
  - Black Graduate Student Organization
  - Departmental Student Groups
- Life Design - Professional Development
  - https://imagine.jhu.edu/channels/wse-aap/
  - Handshake
- Student Support and Advocacy (Chase)
Engineering Student Support & Advocacy
Who We Are

Allison Leventhal
she/her
aleventhal@jhu.edu
www.bit.ly/aleventhal

Chase Oatis
they/them
coatis1@jhu.edu
www.bit.ly/coatis1

Hannah Nelson
she/her
hannahnelson@jhu.edu
www.bit.ly/hannah_nelson
Let’s Chat about…

- Your Case Manager - Me!
- What I Can Help With
- How to Contact Us
- Resources
- Questions
I am your Case Manager. What does this mean?

- I work specifically with your department.
- I know the policies specific to your program.
- I know your academic staff and faculty.
- One Case Manager for you during your time at Hopkins.
We help with...

- Mental Health
- Physical Health
- Family Emergencies
- Medical Emergencies
- Financial Concerns
- Leaves of Absence (personal, emergency, medical)
- Connection to Resources (on and off campus)
- Supporting through Academic Challenges
Need Help? Let me know...

Email Me
coatis1@jhu.edu

Schedule a Meeting with Me
www.bit.ly/coatis1

Submit a Care Report
www.bit.ly/JHUCareReport

Drop In to Office Hours
www.bit.ly/ESSAOfficeHours
Our Links

- **Our Website:** engineering.jhu.edu/studentaffairs
- **Resource Links:** www.linktr.ee/wseresources
- **Instagram:** @wse_supportandadvocacy
Thank you!
Any questions?