Will Apply Ph.D. Webinar
University of Florida

Thursday, October 13, 2022
4:00 pm – 5:00 pm Eastern Standard Time
Presenters and Contacts

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Florida Shirts Give-a-Way
University of Florida

- Established 1853
- 2,000 Acres, 900 Buildings
- 57,000+ Students; 16,272 Graduate Students
- 5,046 Ph.D.; 11,226 Masters/Professional
- 14 Colleges and Schools; 5,000+ Faculty
- $1 Billion+ in Annual Research Expenditures
- UF Owned Lake Alice (on campus); Lake Wauburg (15 minute bus ride)
Herbert Wertheim College of Engineering

- Established 1910
- 11 Departments; 16 Degree Programs
- 300+ Faculty (tenure track)
- 10,658 Engineering Students
- 3,378 Graduate Engineering Students
  - Ph.D. = 1,056
  - Masters = 2,322
Rankings

• 2023 U.S. News & World Report

• Top National Public University

• **Ranked #5 in 2023**
  • Ranked #5 in 2022
  • Ranked #6 in 2021
  • Ranked #7 in 2020
  • Ranked #8 for 2019
  • Ranked #9 in 2018
  • Ranked #14 in 2017
  • Ranked #21 in 2014

Departments & Degree

- AEROSPACE ENGINEERING
- AGRICULTURAL & BIOLOGICAL ENGINEERING
- BIOMEDICAL ENGINEERING
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- COASTAL & OCEANOGRAPHIC ENGINEERING
- COMPUTER ENGINEERING
- COMPUTER SCIENCE
- DIGITAL ARTS & SCIENCES
- ELECTRICAL ENGINEERING
- ENGINEERING EDUCATION
- ENVIRONMENTAL ENGINEERING SCIENCES
- INDUSTRIAL & SYSTEMS ENGINEERING
- MATERIALS SCIENCE & ENGINEERING
- MECHANICAL ENGINEERING
- NUCLEAR ENGINEERING SCIENCES
Department Rankings

2022 U.S. News & World Report - Best Graduate Schools Rankings
https://www.usnews.com/best-graduate-schools/top-engineering-schools

- Agricultural/Biological Engineering – No. 3 among all universities
- Materials Science and Engineering - No. 9 among all universities
- Computer Science – No. 12 among public universities
- Nuclear Engineering - No. 12 among public universities
- Biomedical Engineering - No. 16 among public universities
- Chemical Engineering - No. 16 among public universities
- Civil Engineering – No. 17 among public universities
- Environmental Engineering - No. 18 among public universities
Over 1,000,000 Gross Sq. Ft. of Engineering Facilities

**Net Assignable Square Footage (NASF)**

- **Research Labs, 342,804**
- **Classrooms & Teaching Labs, 83,946**
- **Other, 33,579**
- **Offices, 250,322**

Source: UF Space Tracking & Reporting Systems (StARS)
Opened Fall 2020

State-of-the-art biotech lab
Prototyping labs
Global teleconferencing lab
Collaboration spaces
Classrooms

HERBERT WERTHEIM LABORATORY FOR ENGINEERING EXCELLENCE
AI Partnership with NVIDIA

- UF houses the fastest AI supercomputer in higher education

- The third-generation HiPerGator with NVIDIA's most advanced AI software integrating 140 NVIDIA DGX™ A100 systems with 1,120 NVIDIA A100 Tensor Core GPUs and high-performance NVIDIA Mellanox HDR 200Gb/s InfiniBand networking to deliver 700 petaflops of AI performance.
Malachowsky Hall for Data Science and Information Technology

- **$150M Investment**

- **Home of the AI University**
  - Headquarters for CISE and ECE
  - ICLASSROOM 2.0
  - Highly experiential – Hands on labs for VR, AI, Cybersecurity, IOT, GPU

- **Completion 2023**
Student Diversity Rankings

- Top 1% for Enrollment of Women across all Engineering Degrees

- Hispanic/Puerto Rican Engineering Degree Producers
  - #4 in U.S. for Ph.D. Degrees
  - #4 in U.S. for Masters Degrees
  - #7 in U.S. for Bachelors Degrees

- African American Engineering Degree Producers
  - #9 in U.S. for Ph.D. Degrees
  - #15 in U.S. for Masters Degrees
  - #18 in U.S. for Bachelors Degree


29 new Hispanic and/or African American Engineering Ph.D. Students enrolling at UF in Fall 2022!!!!!
Degree’s Offered

- Ph.D. with Masters = average of 4.5 to 5 years
- Ph.D. if already have Masters = average of 3 to 4 years
- Masters with on-campus studies = average of 1.5 to 2 years
- Masters with EDGE online distance studies = average of 1.5 to 2 years
HWCOE Ph.D. Admissions

- HWCOE Fall 2022 Ph.D. Enrollment
- 1,180 Ph.D. Applications
- 371 admitted Ph.D. (31%)
- 156 enrolling Ph.D. (42%)
- Averages Cumulative GPA = 3.70 (ranges of 3.50+)
- GRE, Verbal = 154, Quantitative = 161
Ph.D. Admissions Application

- Office of Admissions, UF CollegeNet Ph.D. Application for Fall 2023
- Domestic Ph.D. Application Fee Waivers for all by College (Mike)
- International Ph.D. Application Fee Waivers for some Departments
- Deadline of December 5, 2022 for HWCOE
  - Online Admissions Application
  - Official Transcripts
  - Letters of Recommendation (3)
  - Statement of Purpose
  - **GRE WAIVED FOR ALL DEPARTMENTS**
  - Documents to Admissions, Department, Graduate School
Statement of Purpose

• Goal of enrolling Ph.D. or Masters

• Why do you want to attend that institution?

• Faculty, programs, areas of specialization, facilities, research interests

• Highlight your research experience

• Highlight some notable resumes qualifications such as internships, leadership positions, volunteering, community service, mentoring, etc.

• Maximum 1-2 page, less is better, be specific
Personal Essay/Statement

• Required or Optional

• Opportunity for you to share any items not included in the application process from transcripts, test scores, research statement, etc.

• Explain a bad academic semester

• Overcome a difficult family situation or obstacle in life (will not be admitted from this but can add to the final admission)

• First generation college student, low-income status, underrepresented minority or in that field of study
Letters of Recommendation

• Typically 3 required letters, check institution requirements

• Minimum 2 academic (undergraduate research mentor, faculty who know you well, lab team project mentor, etc.); No family, friends, GSI/TA

• Contact faculty early, schedule an appointment to discuss, provide bullet points, resume, unofficial transcript, state of purpose draft, addressed envelopes, online submissions/formats, deadlines, offer draft, etc.

• Request Strong Letter!

• Send faculty reminders throughout the semester
Fellowship

• HWCOE Dean’s Recruiting, Research, or Fellowship Award(s)

• 4 -5 Years of Full Funding
  • Tuition
  • GatorGradCare Health Insurance
  • Our best offer is a minimum of a $30,000 annual stipend
• Faculty, Department, College assist with 5th year of funding, if necessary

• For Ph.D. only, no separate application, included with Admissions Application
Other Fellowships

- Research Assistantship (RA)
- Teaching Assistantship (TA)
- Graduate Assistantship (GA)

- 1 Year of Full Funding
  - Tuition
  - GatorGradCare Health Insurance
  - Annual Living Stipend

- Renewable Annual Based on Satisfactory Performance
McKnight Doctoral Fellowships

- State of Florida Only
- Administered via UF Graduate School
- $26,000 Stipend, Tuition/Fees, 5 Years, Student Health Insurance
- Application Process
- Deadline ~ mid January
Bridge to the Doctorate Fellowship

- Funded by NSF via Florida/Georgia LSAMP
- Administered via UF Graduate School
- $32,000 Stipend, Tuition/Fees, 2 Years, Student Health Insurance
- Application Process
Graduate School/College Top Off Fellowships

• Students with Major External Fellowship Awards

• NSF, NIH, SMART, etc.

• Potential Additional $2,500 a Year, Up to 3-4 Years = $7,500-$10,000

• Faculty and Departments can Award additional $2,500 to $5,000 one time or annual increases
Research Institutes

- Florida Institute for National Security (FINS)
- Florida Institute for Cybersecurity (FICS)
- Institute for Cell and Tissue Science and Engineering (ICTSE)
- Institute for Computational Engineering (ICE)
- Institute for Networked Autonomous Systems (INAS)
- Nanoscience Institute for Medical and Engineering Technology (NIMET)
- University of Florida Transportation Institute (UFTI)
Spring Visit

- Feb. 23-26, 2023
- HWCOE Fall 2023 Ph.D. Applicants
- Admitted or Admitted with Fellowship
- Department & Faculty Focuses
- Some College-Wide Events
- Meet Your Ph.D. Cohort
- All Costs Paid by UF (flights/mileage, hotels, meals, events, etc.)
- [https://www.eng.ufl.edu/graduate/campus-visits/spring-visit/](https://www.eng.ufl.edu/graduate/campus-visits/spring-visit/)
Housing

On and Off Campus

• The Continuum for Graduate Students or UF Working Professionals

• On-Campus Housing: Correy Village, Diamond Village, and Tanglewood Village

• Off-Campus Housing:
  • https://www.swamprentals.com/
  • https://www.apartments.com/gainesville-fl/
• 35 NCAA National Championships
• Top 10 for 32 Straights Years for NCAA Div. 1 National All-Sports Standings
• Ben Hill Griffin Football Stadium seats 88,548
• Exactech Arena seats 12,633
• Southeastern Conference (SEC)
  Florida, Georgia, South Carolina, Missouri, Kentucky, Vanderbilt, Tennessee, Alabama, Texas A&M, LSU, Mississippi St., Auburn, Mississippi, Arkansas
Gainesville, FL

- Settled 1854
- Population of 130,128
- Average Annual Temperature of 81 degrees
- 80 minutes to Atlantic Ocean; 60 minutes to Gulf of Mexico
- 2 hours to Tampa or Orlando & 90 minutes to Jacksonville
- Gainesville ranks no. 13 on Money Inc’s [20 Best Places to Live in Florida, February 2020](https://www.moneyinc.com/)
- Gainesville ranks no. 11 on [BestCollegeReviews.org’s 50 Best College Towns in America, December 2019](https://www.bestcollege REVIEWS.org/)
Things to do in and near Gainesville
# HWCOE Graduate Staff Contacts

<table>
<thead>
<tr>
<th>Position</th>
<th>Dept</th>
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