

University of Florida



WE ARE POWERING THE NEW ENGINEER

UF | College of Engineering
UNIVERSITY of FLORIDA

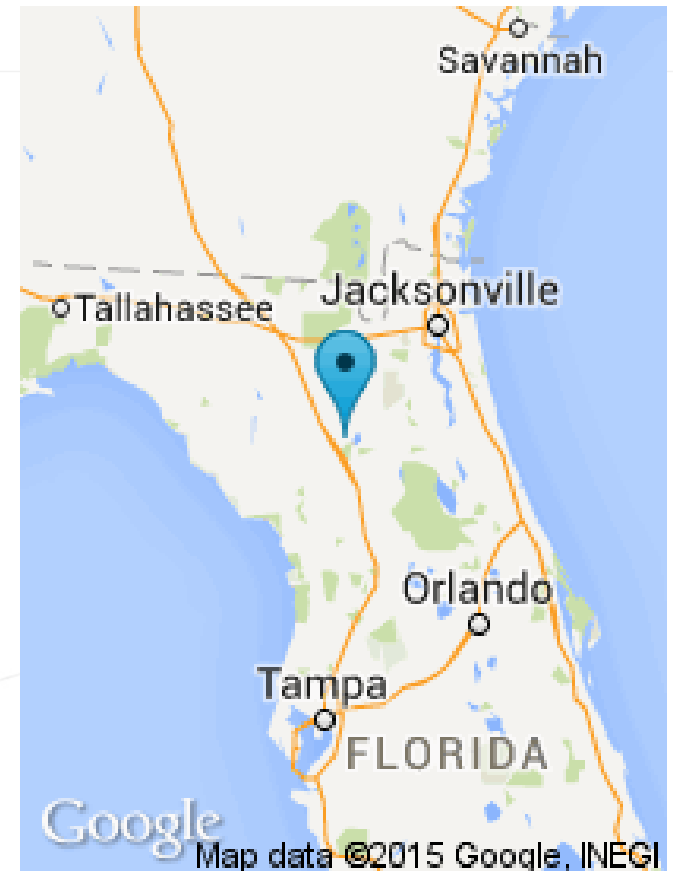
About University of Florida (UF)

- American public land-grant, sea-grant, and space-grant research university established in 1853
- Located on 2000-acre (8.1 km²) campus in Gainesville, FL
- Enrollment of 50,000 students annually
- Home to 16 academic colleges and more than 150 research centers and institutes



About Gainesville, FL

- Population: 127,488,
- Size: 62.4 square miles (161.6 km²)
- Weather: Semi-tropical climate
- Average temperatures:
 - In June: 70 to 90 ° F / 22 to 33 ° C
 - In Dec: 45 to 68 ° F / 7 to 20 ° C
- Ranked #3 in the 2013 Top 10 College Towns; #9 in the 2012 Top 10 Best BBQ Cities (Livability.com)



College of Engineering

- Established in 1910 with undergraduate programs in civil, electrical and mechanical engineering
- Graduate programs were added in 1928
- Largest professional school and the second largest college
 - 9 departments
 - 15 degree programs
 - > 20 centers and institutes
- #20 Undergraduate program rank among publics in US News & World Report, 2013

College of Engineering in numbers (2014)

8,700
students and growing

5x the U.S. average
of startups
launched per
research dollar invested

Ranked in
the **TOP 1%**
for enrollment of women
across all degree types

2x
the U.S. average
of inventions
produced per
research dollar
invested

TOP 10 university in total STEM degrees awarded &
total STEM degrees awarded to minorities

#4 in the U.S. for Hispanic
Ph.D. enrollment by
Engineering Workforce
Commission

15 specialty programs,
consistently ranked
among the nation's
highest

WE ARE POWERING THE NEW ENGINEER

UF College of Engineering
UNIVERSITY of FLORIDA

Engineering Disciplines

Aerospace
Engineering

Agricultural and
Biological
Engineering

Chemical
Engineering

Civil
Engineering

Computer and
Information
Science and
Engineering

Electrical and
Computer
Engineering

Environmental
Engineering

Industrial and
Systems
Engineering

Materials
Science and
Engineering

Mechanical and
Aerospace
Engineering

Nuclear
Engineering

Engineering
Innovation
Institute

WE ARE POWERING THE NEW ENGINEER

UF | College of Engineering
UNIVERSITY of FLORIDA

Areas of Prominent Research: University of Florida Training Reactor

- Built in 1958, commissioned in 1959
- Led by Dr. Kelly Jordan, Associate Professor in Nuclear Engineering
- One of 30 training reactors used for education, training, research and testing at colleges and universities in U.S.
- Used for nuclear engineering, materials science and engineering, physics, and biomedical engineering



Areas of Prominent Research: Hurricane Expert Dr. Forrest Masters

- Powell Family Structures and Materials Laboratory
 - Used to measure the resiliency of building materials in extreme conditions
 - Set up tests on commercial garage doors, residential windows, and roof shingles.
- Appointed by the Governor to serve on the Florida Commission on Hurricane Loss Projection Methodology
- Received the International Association for Wind Engineering (IAWE) 2014 Junior Award
- Featured on The Weather Channel

Areas of Prominent Research: Human Centered Computing

- Human Experience Research Lab in Department of Computer & Information Science & Engineering (CISE)
- Led by Dr. Juan Gilbert, Chair and Professor of CISE
- Created PRIME III – the electronic voting interface that allowed people with disabilities to cast their votes on the same system as everyone else – implemented successfully in NH, WI, and OR

Athletics

- Florida Gators
- NCAA Division 1
- Southeastern Conference



- Football
- Basketball
- Cross Country
- Golf
- Gymnastics
- Lacrosse
- Soccer
- Softball
- Swimming & Diving
- Tennis
- Track & Field
- Volleyball

WE ARE POWERING THE NEW ENGINEER

UF | College of Engineering
UNIVERSITY of FLORIDA

Florida Gators - Albert and Alberta



1953

Today



Living in Gainesville - Culture



Harn Museum of Art



Phillips Center for the Performing Arts



Museum of Natural History



Hippodrome State Theatre

Living in Gainesville – Outdoors



Lake Wauburg, UF

WE ARE POWERING THE NEW ENGINEER

UF College of Engineering
UNIVERSITY of FLORIDA

Living in Gainesville - Outdoors



Paynes Prairie Preserve State Park



Ichetucknee Springs



Ginnie Springs

Living in Gainesville – St Augustine, FL

- Oldest city in United States (1565) – 90 min from Gainesville



Our Lives as Gators - Soheil Fathi, Iran

<https://www.youtube.com/watch?v=lw2yzSqp3hM>

WE ARE POWERING THE NEW ENGINEER

UF | College of Engineering
UNIVERSITY of FLORIDA

Fun Facts

- Gatorade, the world's first and most popular sports drink, was invented at UF in 1965.
- The UF campus hosts the largest occupied bat house in North America, which is home to 100,000 bats.



Contacts

- Pingchien Neo, pneo@eng.ufl.edu
 - International Engineering Programs, College of Engineering
- Lyn Straka, lstraka@ufic.ufl.edu
 - Exchange Visitor Services, UF International Center (UFIC)
- Caroline Cully, ccully@ufic.ufl.edu
 - Asst. Director, Study Abroad Services, UFIC
- Website: <https://www.eng.ufl.edu/students/programs/international/>



WWW.ENG.UFL.EDU

UF | College of Engineering
UNIVERSITY of FLORIDA