UF | Information Technology
UNIVERSITY of FLORIDA

Getting started with

HiPerGator
UF's SUPERCOMPUTER

Quick Facts

- THE MOST **POWERFUL** SUPERCOMPUTER OWNED AND OPERATED BY A U.S. UNIVERSITY AND AMONG THE **500 FASTEST SUPERCOMPUTERS** IN THE WORLD.

- HIPERGATOR'S **HIGH-PERFORMANCE, PARALLEL STORAGE SYSTEMS** EFFICIENTLY FEED DATA TO THE MOST DEMANDING APPLICATIONS.

- MORE THAN **60% OF UF'S $1.26 BILLION** ANNUAL GRANT AWARDS ARE ENABLED BY HIPERGATOR.

- HIPERGATOR IS **HITRUST-CERTIFIED.**

- UFIT PROVIDES COMPUTING AND STORAGE SUPPORT FOR PROJECTS WITH **RESTRICTED DATA.**
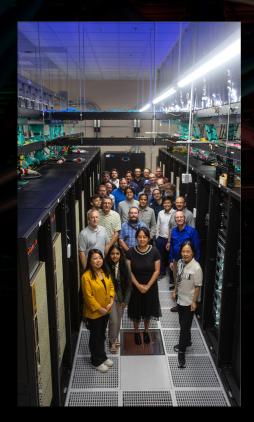
Who has access to HiPerGator ?

HiPerGator is available to faculty, students, researchers and their collaborators at all Florida universities and colleges. Faculty members must be HiPerGator investors, and all other users must be sponsored by faculty members with an active investment to receive access to UFIT's high-performance computing resources.

UFIT provides a detailed, step-by-step plan on how to get started with HiPerGator:

Research Software Engineer Consultations Available

Scale your research project with expert help UFIT's Research Software Engineering (RSE) team assists faculty and campus researchers with building cutting-edge technology solutions using UF's high-performance computing infrastructure — such as HiPerGator — to streamline tasks and enhance research outcomes.

Services include:

- Constructing domain-specific research software using professional software engineering practices.

- Designing, architecting and implementing sophisticated AI algorithms that can solve for complex scientific research problems.

- Designing and developing digital twin technology, encompassing object and system design, process development, optimization and predictive modeling to ensure integration across systems.

- Providing expert consultation on software and hardware resources.

UF faculty and their research teams can email it-rc-rse@rc.ufl.edu to schedule a consultation or visit the following walk-up locations to work in person with RSE staff:

Location	Room
Turlington	2109
Microbiology and Cell Science	1246
Cancer Genetics	119
Weil Hall	307
Malachowsky Hall	4113
Health Professions, Nursing, and Pharmacy	2331
Scripps – Building B	B225
Jacksonville Campus	TBD
McKnight Brain Institute	L1-178

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