University of Florida - Links to Facilities, Resources and Boilerplate Material for Grant Proposals

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CAMPUS-WIDE RESOURCES

Research Resources

Centers and Institutes with Campus-Wide Missions

 Center for Smell and Taste http://cst.ufl.edu/

 Center of Excellence for Regenerative Health Biotechnology (CERHB) http://www.cerhb.ufl.edu/

 Clinical and Translational Science Institute (CTSI) http://www.ctsi.ufl.edu/

 Emerging Pathogens Institute (EPI) http://epi.ufl.edu/

• Florida Climate Institute

https://floridaclimateinstitute.org/

• Florida Energy Systems Consortium (FESC)

http://floridaenergy.ufl.edu/

• Informatics Institute (UFII)

http://informatics.research.ufl.edu/

 Interdisciplinary Center for Biotechnology Research (ICBR) http://www.biotech.ufl.edu/

 McKnight Brain Institute http://mbi.ufl.edu/

 Nanoscience Institute for Medical and Engineering Technology (NIMET) http://www.nimet.ufl.edu/

• UF Genetics Institute (UFGI)

http://ufgi.ufl.edu/

 Water Institute http://waterinstitute.ufl.edu/

Core Facilities

 Major Analytical Instrumentation Center (MAIC) – Under Herbert Wertheim College of Engineering, Research Service Centers

https://www.eng.ufl.edu/research/facilities-equipment/ and https://rsc.aux.eng.ufl.edu/resources/default.asp?s=MAIC

Equipment: Auger Spectroscopy, Electron Probe Microanalysis, ESCA/XPS, Focused Ion Beam, Freeze Dryer, FTIR, Inductively Coupled Plasma Spectroscopy/ICP, Optical Imaging, Particle Size Analysis,

Porosimetry/Porometry, Raman Spectroscopy, Rheology, SEM, Surface Area and Pore Analysis, Thermal Analysis, TEM, Total Organic Carbon Analysis, UV/Visible Analysis, X-Ray Diffraction, Zeta Potential

Interdisciplinary Center for Biotechnology Research (ICBR)

http://www.biotech.ufl.edu/

Cores: Bioinformatics, Cytometry, Electron Microscopy, Gene Expression & Genotyping, Monoclonal Antibody, NextGen DNA Sequencing, Proteomics & Mass Spectrometry, Sanger Sequencing

Advanced Magnetic Resonance Imaging and Spectroscopy (AMRIS) http://amris.mbi.ufl.edu

nttp://aiiiiis.iiibi.aii.caa

Biostatistics Consulting Lab (BCL)

http://biostat.ufl.edu/consulting

Office of Postdoctoral Affairs

http://postdoc.aa.ufl.edu/

Animal Care Services

http://acs.ufl.edu/

Research Computing and UF High-Performance Computing (HPC) Center

https://www.rc.ufl.edu/

UF Office of Environmental Health and Safety

http://www.ehs.ufl.edu/

UF Survey Research Center

https://www.bebr.ufl.edu/survey

Libraries 3D Printing Service

http://guides.uflib.ufl.edu/3dprinter

Sid Martin Biotechnology Incubation Program

http://www.sidmartinbio.org/

Other UF Centers and Institutes

Florida ExpertNet

http://www.expertnet.org/index.cfm?fuseaction=home.institution (Choose UF on the map)

UF Centers

http://centers.ufl.edu/

UF Institutes

http://institutes.ufl.edu/

UF Centers and Institutes

http://www.ir.ufl.edu/OIRApps/CentersAndInstitutes/

Institutional Information

• **UF Organization Charts** http://www.ir.ufl.edu/orgchart.htm

• UF Statement of Organization and Operation http://ufdc.ufl.edu/UF00076702/00001

 UF Office of Institutional Planning and Research (OIPR) http://www.ir.ufl.edu/

 Information Request http://www.ir.ufl.edu/oirapps/info/index.asp

• UF Brand Center: Information on Image & Identity http://www.identity.ufl.edu/

• Frequently Used Facts for Research Proposals
http://research.ufl.edu/dsp/proposals/frequently-used-facts.html

Teaching Resources

 Natural Area Teaching Laboratory http://natl.ifas.ufl.edu/

UFTeach
 http://education.ufl.edu/uf-teach/

- UF Teaching Center (Tutoring and TA Development, College of Liberal Arts and Sciences) https://teachingcenter.ufl.edu/
- CALS Teaching Resource Center http://cals.ufl.edu/trc/teaching-resources-home.php

Undergraduate Research

UF Center for Undergraduate Research
 https://www.facebook.com/pg/UFCUR/about/
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The Center for Undergraduate Research coordinates the large number of research opportunities and services available for UF undergraduates.

Innovation Academy
 https://innovationacademy.ufl.edu/

 UF Honors Program http://www.honors.ufl.edu/ NSF Research Experiences for Undergraduates (REU) Program

http://www.nsf.gov/crssprgm/reu/reu search.cfm

UF offers REU programs in the following areas:

- Chemistry: http://www.reu.chem.ufl.edu/
- Physics: http://www.phys.ufl.edu/REU/ and http://www.phys.ufl.edu/ireu/
- Marine Bioscience: http://www.whitney.ufl.edu/academic/undergrad-reu/
- Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP)
 http://www.fglsamp.com/ also includes graduate program.

Evaluation Resources

- Collaborative Assessment and Program Evaluation Services (CAPES)
 http://education.ufl.edu/faculty/miller-david/
- Program Development and Evaluation Center http://pdec.ifas.ufl.edu/about.shtml

Outreach Resources

- Center for Entrepreneurship
 http://warrington.ufl.edu/centers/cei/
- Center for Leadership and Service www.leadershipandservice.ufl.edu/
- Center for Precollegiate Education and Training http://www.cpet.ufl.edu/
- Digital Library Center http://www.digital.uflib.ufl.edu
- Family, Youth and Community Sciences http://fycs.ifas.ufl.edu/
- Florida Energy Systems Consortium Public Outreach http://floridaenergy.ufl.edu/public-outreach/
- Florida Museum of Natural History http://www.flmnh.ufl.edu/
- IFAS Extension http://solutionsforyourlife.ufl.edu/
- County Extension Offices http://sfyl.ifas.ufl.edu/map/index.shtml
- Harn Museum of Art <u>http://www.harn.ufl.edu/</u>

- Program for Resource Efficient Communities http://www.buildgreen.ufl.edu/program.htm
- Sea Grant Florida http://www.flseagrant.org/
- Sustainable UF http://sustainable.ufl.edu/
- UF International Center http://www.ufic.ufl.edu/
- UF International Center Program Development Office http://www.ufic.ufl.edu/pd/
- Young Entrepreneurs for Leadership & Sustainability http://www.ufyoungentrepreneurs.org/

Minority Student Recruitment/Retention Resources

- UF Recruitment & Retention Resources to Enhance Diversity
 http://research.ufl.edu/research-program development/research program development docs/Recruitment to Enhance Diversity.pdf
- Florida Opportunity Scholars Fund http://fos.ufsa.ufl.edu/
- UF Office of Graduate Minority Programs
 https://education.ufl.edu/counselor-education/graduate-minority-programs/
- Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) http://www.fglsamp.com/
- UF Office of Institutional Planning and Research Minority Facts Webpage http://www.ir.ufl.edu/minority/index.htm
- UF Multicultural and Diversity Affairs http://www.multicultural.ufl.edu/
- Mentorship Programs
 https://multicultural.ufl.edu/programs/ummp/
- UF Office for Academic Support http://oas.aa.ufl.edu/
- UF Admissions Office Outreach Recruiting Programs

http://www.admissions.ufl.edu/outreachmap.html

H. Wertheim College of Engineering Mentoring Opportunities

https://www.eng.ufl.edu/students/resources/undergraduate-student-handbook/tutoring-mentor-opportunities/

http://www.eng.ufl.edu/students/freshmen-programs/mentor-information/transfer-student-mentors/

NSF-Funded Graduate Student Programs

 Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) http://www.fglsamp.com/

International Resources

• UF International Center http://www.ufic.ufl.edu/

UF International Center Program Development Office

http://www.ufic.ufl.edu/pd/

• UF in China

https://www.ufic.ufl.edu/UFinChina/index.html

• Center for African Studies

http://africa.ufl.edu/

• Center for European Studies

http://www.ces.ufl.edu/

• France-Florida Research Institute

http://www.clas.ufl.edu/FranceFlorida/

• Center for Latin-American Studies

http://www.latam.ufl.edu/

• Center for Jewish Studies

http://web.jst.ufl.edu/

• College of Design, Construction and Planning – International Studies

http://legacy.dcp.ufl.edu/international-studies (archived)

UF/IFAS Global

http://international.ifas.ufl.edu/

HEALTH SCIENCE CENTER (HSC) and COLLEGE OF MEDICINE (COM)

• HSC Core Laboratories and Shared Facilities

https://ufhealth.org/core-laboratories-and-shared-facilities

• College of Medicine (COM) Core Facilities

http://researchaffairs.med.ufl.edu/researcher-resources/core-facilities/

• HSC Major Research Centers & Institutes:

https://ufhealth.org/health-science-center/research

- Clinical and Translational Science Institute https://www.ctsi.ufl.edu/
- McKnight Brain Institute http://www.mbi.ufl.edu/
- UF Genetics Institute http://www.ufgi.ufl.edu/
- UF Health Cancer Center http://cancer.ufl.edu/
- Institute on Aging http://www.aging.ufl.edu/
- Emerging Pathogens Institute http://www.epi.ufl.edu/

COM Centers & Institutes

http://researchaffairs.med.ufl.edu/researcher-resources/uf-resources/centers-institutes/

• Research Studies & Clinical Trials

https://ufhealth.org/research-studies-clinical-trials

AMRIS (Advanced Magnetic Resonance Imaging and Spectroscopy Facility)

http://amris.mbi.ufl.edu/

• Cognitive Neuroscience Lab

http://cogneuro.phhp.ufl.edu/

• Department of Biostatistics

http://biostat.ufl.edu/

• Research and Biostatistics Consulting Lab (RBCL)

http://biostat.ufl.edu/consulting

• Electron Microscopy Core Facility

http://emcore.medicine.ufl.edu/

• Health Science Center Office for Diversity & Health Equity

http://odhe.med.ufl.edu/

• Institute for Child Health Policy

http://www.ichp.ufl.edu/

MBI Research Facilities

http://mbi.ufl.edu/research/facilities/

• MBI Cell & Tissue Analysis Core (CTAC) – A centralized imaging and analysis resource, including

Histology Self-Serve

http://ctac.mbi.ufl.edu/

- Molecular Pathology & Immunology Core provides basic and specialized histopathology and immunopathology support for research studies http://molecular.pathology.ufl.edu/
- Neurosurgery Department Research Laboratories and Other Facilities and Centers https://neurosurgery.ufl.edu/research/laboratories/
- Powell Gene Therapy Center http://powellcenter.med.ufl.edu/
- Stereotactic Radiosurgery Lab http://neurosurgery.ufl.edu/research/laboratories/radiosurgery-lab/

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

- Facilities
 http://hhp.ufl.edu/about/facilities/
- Center for Exercise Science
 http://hhp.ufl.edu/faculty-research/centers-institutes/ces/
- Center for Behavioral Economic Health Research
 http://hhp.ufl.edu/faculty-research/centers-institutes/cbehr/
- Eric Friedheim Tourism Institute
 http://hhp.ufl.edu/faculty-research/centers-institutes/efti/

HERBERT WERTHEIM COLLEGE OF ENGINEERING

- Main Research Page <u>https://www.eng.ufl.edu/research/</u>
- Faculty Research Resources
 https://www.eng.ufl.edu/facultyresearchresources/
- College of Engineering Centers and Institutes
 https://www.eng.ufl.edu/research/centers-institutes/

Biomedical Engineering

- Labs http://www.bme.ufl.edu/research/labs
- Core Facilities
 http://www.bme.ufl.edu/research/core-facilities

Computer & Information Science & Engineering

 Research Centers and Labs https://www.cise.ufl.edu/centers-and-labs

 Center for Computer Vision, Graphics and Medical Imaging http://www.cise.ufl.edu/research/cvgmi/

 Mobile and Pervasive Computing at UF https://www.cise.ufl.edu/~helal/

 CISE Computer Labs https://www.cise.ufl.edu/help/access/

Electrical and Computer Engineering

Laboratories, Groups and Centers by Area

http://www.ece.ufl.edu/content/research-labs

Engineering School of Sustainable Infrastructure & Environment (ESSIE)

 Bridge Software Institute <u>http://bsi.ce.ufl.edu/</u>

 Center for Environmental Policy http://cep.ees.ufl.edu/

 Center for Infrastructure Protection and Physical Security http://www.cipps.eng.ufl.edu/site/

Coastal & Oceanographic Engineering Laboratory (COEL)
 http://www.essie.ufl.edu/facilities/coastal_and_oceanographic_engineering_laboratory/

 Howard T. Odum Center for Wetlands http://cfw.essie.ufl.edu/

Powell Family Structures & Materials Laboratory
 http://www.essie.ufl.edu/facilities/powell_family_structures_and_materials_laboratory/

• Transportation Institute http://www.transportation.institute.ufl.edu/

Water Reclamation and Reuse Laboratory
 http://www.ees.essie.ufl.edu/homepp/koopman//WR2Laboratory/

 Water Resources Research Center <u>http://wrrc.essie.ufl.edu/</u> Weil Hall Structures Laboratory
 http://www.essie.ufl.edu/facilities/weil hall structures laboratory/

Industrial and Systems Engineering

Centers and Laboratories - http://www.ise.ufl.edu/research/centers-and-laboratories/

Materials Science and Engineering & Nuclear Engineering

- Research Service Centers
 https://rsc.aux.eng.ufl.edu/resources/default.asp?s=All
- Major Analytical Instrumentation Center (MAIC) https://www.eng.ufl.edu/research/facilities-equipment/
- Particle Analysis Instrumentation Center (PAIC)
 https://www.eng.ufl.edu/research/facilities-equipment/
- UF Training Reactor (UFTR)
 https://www.eng.ufl.edu/research/facilities-equipment/

Mechanical and Aerospace Engineering

- Main Research page http://www.mae.ufl.edu/research
- Research Programs:
 - Dynamics, Systems and Control (DSC)
 - Solid Mechanics, Design and Manufacturing (SMDM)
 - Thermal Science and Fluid Dynamics (TSFD)
- Faculty Labs
 http://www.mae.ufl.edu/research/FacultyLaboratories
- Centers and Institutes
 http://www.mae.ufl.edu/research/CollegeInstitutes
- UF Research and Engineering Education Facility (REEF) http://www.mae.ufl.edu/research/REEF

Interdisciplinary Resources in Engineering

- Institute for Cell & Tissue Science and Engineering https://www.eng.ufl.edu/ictse/people/
- Institute for Computational Engineering https://www.eng.ufl.edu/ice/
- Center for Surface Science and Engineering http://www.che.ufl.edu/csse/

- Interdisciplinary Microsystems Group http://www.img.ufl.edu/
- Major Analytical Instrumentation Center (MAIC) & Particle Analysis Instrumentation Center (PAIC)
 https://www.eng.ufl.edu/research/facilities-equipment/
- Nanoscale Research Facility
 https://www.eng.ufl.edu/research/facilities-equipment/
- Particle Engineering Research Center (PERC) http://perc.ufl.edu
- SWAMP (Software and Analysis of Advanced Materials Processing Center) http://swamp.mse.ufl.edu/
- UF Water Reclamation and Reuse Laboratory
 http://www.ees.essie.ufl.edu/homepp/koopman//WR2Laboratory/

COLLEGE OF AGRICULTURAL AND LIFE SCIENCE

- Main Research Page
 http://research.ifas.ufl.edu/main-menu-tab/research/research-discoveries/#d.en.163479
- Facilities
 http://ifas.ufl.edu/facilities/
- IFAS Research & Education Centers (RECs) and County Extension Offices http://sfyl.ifas.ufl.edu/map/index.shtml

Special Infrastructure

- Hastings Agricultural Extension Center http://hastings.ifas.ufl.edu/
- **Germplasm** http://research.ifas.ufl.edu/main-menu-tab/resources/germplasm-office/
- Ordway-Swisher Biological Station http://ordway-swisher.ufl.edu/
- Plant Science Research and Education Unit RDS (Citra) http://plantscienceunit.ifas.ufl.edu/index.shtml
- Tropical Aquaculture Laboratory RDS (Ruskin) http://tal.ifas.ufl.edu/

IFAS Recognized Research Centers

• Center for Aquatic and Invasive Plants http://plants.ifas.ufl.edu/

• Carbon Resources Science Center

https://floridaclimateinstitute.org/projects/climate-sciences/88-projects/172-carbon-resources-science-center

• University of Florida Herbarium (FLAS)

http://www.flmnh.ufl.edu/herbarium/

• Center for Nutritional Sciences

http://nutritionalsciences.centers.ufl.edu/

• Center for Remote Sensing

http://abe.ufl.edu/research/crs/

• Florida Center for Renewable Chemicals & Fuels

http://fcrc.ifas.ufl.edu/about-fcrc/

• Florida Sea Grant

http://www.flseagrant.org/

• Center for Tropical Agriculture

http://cta.ufl.edu/

• UF Juice & Beverage Center

http://directory.ifas.ufl.edu/searchdir?pageID=2&uid=C07

• Water Institute

http://waterinstitute.ufl.edu/

• Wedgworth Leadership Institute

http://wedgworthleadership.com/

COLLEGE OF BUSINESS ADMINISTRATION

• Research Centers

http://warrington.ufl.edu/centers/

• Center for Entrepreneurship and Innovation

http://warrington.ufl.edu/centers/cei/

• UF Bureau of Economic and Business Research

http://www.bebr.ufl.edu/start

COLLEGE OF DENTISTRY

- Main Research Page http://research.dental.ufl.edu/office-of-research/
- Centers and Core Facilities
 http://research.dental.ufl.edu/resources/centers-and-core-facilities/

COLLEGE OF EDUCATION

- Main Research Page (Office of Engineering Research) http://education.ufl.edu/educational-research/
- Centers, Institutes and Affiliates
 http://education.ufl.edu/research/centers-and-institutes/
- Collaborative Assessment and Program Evaluation Services (CAPES)
 http://education.ufl.edu/faculty/miller-david/
- UFTeach Education Minor http://education.ufl.edu/uf-teach/

COLLEGE OF THE ARTS

- Center for Arts in Medicine
 http://arts.ufl.edu/academics/center-for-arts-in-medicine/
- Center for Arts in Public Policy
 http://arts.ufl.edu/about/creative-research/center-for-arts-and-public-policy/
- Center for World Arts http://legacy.arts.ufl.edu/cwa/Default.aspx
- Digital Worlds Institute
 http://www.digitalworlds.ufl.edu/

COLLEGE OF LIBERAL ARTS AND SCIENCES

- Main Research Page http://clas.ufl.edu/research/index.html
- International Studies http://www.clas.ufl.edu/intl/index.html

• Land Use and Environmental Change Institute (LUECI)

http://lueci.clas.ufl.edu/ and LUECI Facilities - http://lueci.clas.ufl.edu/facilities/

• Quantum Theory Project

http://www.qtp.ufl.edu/

Department of Astronomy

• Research Areas

http://www.astro.ufl.edu/research/

• Instrumentation

http://www.astro.ufl.edu/instrumentation/

Department of Biology

Centers, Facilities and Affiliated Programs

http://biology.ufl.edu/about-us/centers/

Department of Chemistry

Research

https://www.chem.ufl.edu/research/

Machine Shop

https://www.chem.ufl.edu/facilities/machine-shop/

Electronics Shop

https://www.chem.ufl.edu/facilities/electronics-shop/

• Nuclear Magnetic Resonance Facility

https://nmr.chem.ufl.edu/

• Mass Spectrometry Research and Education Services

http://mass-spec.chem.ufl.edu/

• Center for X-Ray Crystallography

https://xray.chem.ufl.edu/

Department of Geography

Computer Laboratories

http://geog.ufl.edu/department/computer-labs/

Department of Geology

• Research Facilities

http://geology.ufl.edu/research-and-facilities/facilities/

• Center for Isotope Geoscience

http://geology.ufl.edu/research-and-facilities/facilities/isotope-geoscience/

Scanning Electron Microscope Laboratory

http://geology.ufl.edu/research-and-facilities/facilities/sem/

• Paleomagnetic Research Facilities

http://geology.ufl.edu/research-and-facilities/facilities/paleomagnetic-lab/

Department of Physics

Machine Shop

http://www.phys.ufl.edu/department/mshop/

Electronics Shop

http://www.phys.ufl.edu/~eshop/

• Cryogenic Services

http://www.phys.ufl.edu/~cryogenics/

• Microkelvin Laboratory at UF with High B/T Facility

http://www.phys.ufl.edu/~mkelvin/

Department of Statistics

Consulting

http://www.stat.ufl.edu/consulting.htm

• John Saw Library

http://www.stat.ufl.edu/info/sawlib/

COLLEGE OF NURSING

Main Research Page

http://research.nursing.ufl.edu/

• Office of Research and Scholarship

http://research.nursing.ufl.edu/sample-page/office-for-research-support/

Research Facilities

http://research.nursing.ufl.edu/research-facilities/

COLLEGE OF PHARMACY

• Main Research Page

http://pharmacy.ufl.edu/research/

• Center for Food-Drug Interaction Research and Education

http://www.druginteractioncenter.org/

• Center for Natural Products, Drug Discovery and Development (CNPD3)

http://pharmacy.ufl.edu/mc/research/research-centers/cnpd3/

Center for Pharmacogenomics (including Genotyping Core Lab)
 http://ptr.pharmacy.ufl.edu/research/center-for-pharmacogenomics/

COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS

- Main Research Page http://research.phhp.ufl.edu/
- PHHP-led Centers
 http://www.phhp.ufl.edu/centers/
- Biostatistics Consulting Lab (BCL) http://biostat.ufl.edu/consulting

COLLEGE OF VETERINARY MEDICINE

- Main Research Page <u>http://www.vetmed.ufl.edu/research/</u>
- University Scholars Program (for undergraduates wishing to do research with Vet Med faculty members)
 http://research.vetmed.ufl.edu/research-programs/university-scholars-program-osp/
- Center for Environmental and Human Toxicology http://toxicology.vetmed.ufl.edu/
- Analytical Toxicology Laboratory
 http://toxicology.vetmed.ufl.edu/core-laboratories/analytical-tox-core-lab/
- Aquatic Toxicology Laboratory
 http://toxicology.vetmed.ufl.edu/aquatic-tox/aquatic-toxicology-core-laboratory/
- Aquatic Animal Health http://aquatic.vetmed.ufl.edu/