UF Research...Our Mission

• The University of Florida strives to make a difference, to positively impact our state, the nation, and the world
  – creating new knowledge
  – translating knowledge into relevant impact
  – creating the next generation of thinkers, doers, and discoverers

• Become an internationally recognized leader among research universities.
The UF Office of Research – What we do...

- The Office of Research is committed to being a highly valued and effective organization whose leadership and service makes this vision a reality for the University of Florida
  - provide the necessary institutional leadership, infrastructure, and service
  - ensure accountability to regulatory agencies and stakeholders
  - invest towards future opportunities and challenges.
Our Overarching Goals

• Support excellence in research
• Translate research to relevance
• Instill a culture of professionalism and service
• Become a top-10 research university
# R&D Expenditures at Public Institutions, 2012

*Dollars in thousands*

<table>
<thead>
<tr>
<th>Rank</th>
<th>Institution</th>
<th>Expenditures (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>University of Michigan</td>
<td>1,322,711</td>
</tr>
<tr>
<td>2</td>
<td>University of Wisconsin</td>
<td>1,169,779</td>
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<tr>
<td>3</td>
<td>University of Washington</td>
<td>1,109,008</td>
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<td>4</td>
<td>University of California, San Diego</td>
<td>1,073,864</td>
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<tr>
<td>5</td>
<td>University of California, San Francisco</td>
<td>1,032,673</td>
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<tr>
<td>6</td>
<td>University of California, Los Angeles</td>
<td>1,003,375</td>
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<tr>
<td>7</td>
<td>University of North Carolina, Chapel Hill</td>
<td>884,791</td>
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<tr>
<td>8</td>
<td>University of Pittsburgh</td>
<td>866,638</td>
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<tr>
<td>9</td>
<td>University of Minnesota</td>
<td>826,173</td>
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<tr>
<td>10</td>
<td>Penn State University</td>
<td>797,679</td>
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<td>11</td>
<td>Ohio State University</td>
<td>766,513</td>
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<td>12</td>
<td>University of California, Berkeley</td>
<td>730,348</td>
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<td>13</td>
<td>University of California, Davis</td>
<td>713,292</td>
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<td>14</td>
<td><strong>University of Florida</strong></td>
<td><strong>696,985</strong></td>
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<td>15</td>
<td>Texas A&amp;M University</td>
<td>693,421</td>
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<td>16</td>
<td>Georgia Institute of Technology</td>
<td>688,905</td>
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<td>17</td>
<td>M.D. Anderson Cancer Center</td>
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<td>18</td>
<td>University of Arizona</td>
<td>625,365</td>
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<td>19</td>
<td>University of Texas, Austin</td>
<td>621,538</td>
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<tr>
<td>20</td>
<td>Purdue University</td>
<td>602,501</td>
</tr>
</tbody>
</table>

*Source: National Science Foundation*
• Cybersecurity • Historical & Environmental Archeology • Autonomous Systems • Smart Polymer Nanomedicines • Mucosal Immunology • Informatics Techniques and Technologies • One Health Initiative • Genomic Medicine
• Renewable Energy and Storage • Drug Discovery & Development • STEM Translational Communication Research • Informatics for Engineered Systems and the Physical Sciences • Biodiversity
• Latin American Development • Materials Innovation • Skeletal Muscle Biology • Neuroscience and the Brain • Online Learning Institute • Mathematical Modeling of Diseases
• Informatics for Life Sciences • Biomedical Informatics • Optimizing Early Childhood • Creative Writing • Food Safety, Security, and Distribution • Informatics in Social Science Humanities and Education • Metabolomics
• African Studies: Public Health and Social Change • High Risk Pathogens • Plant Genomics • Social Network Analysis
Office of Research Serves Six Major Functions

- Proposal Processing and Awards Administration
- Research Program Development
- Shared Resources
- Research Communications
- Technology Transfer
- Research Compliance
Proposal Processing and Awards Administration: Division of Sponsored Programs (DSP)

- Serves as the business broker and contracting agent for all sponsored research agreements
- Responsible for all proposal submissions, grant and contract negotiation and acceptances
- Responsible for execution of other research-related agreements
- Responsible for policy and procedures necessary to ensure fiscal compliance for all sponsored research activities
Stephanie Gray
Director
Division of Sponsored Programs
Research Compliance: Division of Research Compliance

• Ensures accountability of the research enterprise
• Manages and supports all research compliance obligations related to
  – human subject
  – animal use
  – export control
  – UAVs in research
  – conflict of interest
  – responsible conduct of research
  – research misconduct
Dr. Irene Cooke,
Assistant Vice President
Research Compliance
Research Program Development: Division of Research Program Development

• Provides resources and oversees internally funded seed programs and initiatives
• Identifies external funding opportunities
• Facilitates industry outreach
• Support complex proposal development
• Connect researchers to funding agencies
• Assists in provide research infrastructure in recruiting faculty to the university.
Connect researchers with research funding

- Extramural sponsored research
- Internally funded programs
  - Florida High Tech Corridor
  - Research Opportunity Seed Fund
  - Planning Grants for Collaborative Research Projects
Dr. Sobha Jaishankar
Assistant Vice President
Research Program Development
Technology Transfer

• Office of Technology Licensing
  – Facilitates technology transfer and economic development through patenting, licensing, startups, and business incubation
  – In FY2014, the University of Florida issued a record-setting 87 licenses and options along with 17 startups
  – Sid Martin Biotechnology Incubator was selected as the top biotech incubator in the world.

• In addition, the Clinical and Translational Science Institute targets the translation of basic research into health care outcomes.
Translating Research to Relevance

Sid Martin Biotech Incubator - ranked world’s best for biotech in global benchmarking study

Florida Innovation Hub – new 48,000 sq. ft startup incubator located few blocks from UF campus

Clinical and Translational Science Institute – translating scientific discoveries into improved health
David Day
Director
Office of Technology Licensing

Dr. David Nelson
Director
Clinical and Translational Science Institute
Shared Resources

• Research Operations and Services
  – Provides for cross-disciplinary research infrastructure
  – Manage research-centric shared resources that include Animal Care Services, the Interdisciplinary Center for Biotechnology Research, and operational structure of compliance committees

• Various interdisciplinary centers and institutes whose cross-disciplinary missions include genetics, water, climate, informatics, smell and taste, and emerging pathogen
Interdisciplinary Research Centers and Facilities

- Animal Care Services
- University of Florida Genetics Institute
- Emerging Pathogens Institute
- Interdisciplinary Center for Biotechnology Research
- Clinical and Translational Science Institute
- Center of Excellence for Regenerative Health Biotechnology
- Water Institute
- Florida Energy Systems Consortium
Michael Mahoney
Director
Research Operations and Services
Research Communications

• Markets the research enterprise
• Includes print, electronic, and social media
• Promotes the UF research enterprise within the state and around the globe
• Explore Magazine is our signature showcase for UF research
Communicating Impact of UF Research

Science Communication Academy
Joe Kays
Director
Research Communications