Florida International University researchers were awarded $4,702,992 in January 2010. Listed below is a summary of awards received for $20,000 or more during the month of January.

<table>
<thead>
<tr>
<th>PI: Raju Rangaswami</th>
<th>School of Computing and Information Sciences</th>
<th>Awarding Sponsor: National Science Foundation</th>
<th>Title: Streamlining High-End Computing with Software Persistent Memory</th>
<th>Award: $711,999</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI: Patricia Barbetta</td>
<td>Educational and Psychological Studies Department</td>
<td>Awarding Sponsor: Florida Department of Education</td>
<td>Title: Personnel Development Partnerships (PDP)</td>
<td>Award: $422,766</td>
</tr>
<tr>
<td>PI: Julio Ibarra</td>
<td>Telecommunications</td>
<td>Awarding Sponsor: National Science Foundation</td>
<td>Title: WHREN: Increasing the Rate of Discovery and Enhancing Education Across the Americas</td>
<td>Award: $251,255</td>
</tr>
<tr>
<td>PI: Joel Trexler</td>
<td>Southeast Environmental Research Center</td>
<td>Awarding Sponsor: National Park Service</td>
<td>Title: Analyzing the Impact of the Intermediate Operating Plan (IOP) in the Eastern Everglades, Everglades National Park</td>
<td>Award: $236,550</td>
</tr>
<tr>
<td>PI: Jose Almirall</td>
<td>Chemistry</td>
<td>Awarding Sponsor: National Institute of Justice</td>
<td>Title: Field Detection of Drugs and Explosives by SPME-IMS</td>
<td>Award: $231,435</td>
</tr>
<tr>
<td>PI: Cathy Leff</td>
<td>The Wolfsonian</td>
<td>Awarding Sponsor: Miami-Dade County Department of Cultural Affairs</td>
<td>Title: Major Cultural Institutions</td>
<td>Award: $195,760</td>
</tr>
</tbody>
</table>
PI: Thomas Gustafson
Civil and Environmental Engineering
AWARDING SPONSOR: Miami-Dade Expressway Authority
TITLE: University City Project Task Assignment #1
AWARD: $182,306

PI: Kenneth Furton
Chemistry
AWARDING SPONSOR: West Virginia University
TITLE: Epithelial Cell Presence Determination in Human Scent Evidence Collection
AWARD: $175,476

PI: Alexander Agoulnik
Medicine Dean’s Office
AWARDING SPONSOR: National Institutes of Health
TITLE: Role of Y Chromosomal Genes in Male Fertility
AWARD: $159,750

PI: Assefa Melesse
Environmental Studies
AWARDING SPONSOR: Inter-American Institute for Global Change Research
TITLE: Caribbean Coastal Scenarios
AWARD: $150,350

PI: Craig Layman
Marine Biology
AWARDING SPONSOR: National Science Foundation
TITLE: CAREER: Assessing Effects of Ecosystem Fragmentation Using Novel Metrics of Trophic Structure as Part of a Broad Educational Outreach Program
AWARD: $124,998

PI: Jennifer Fu
University Libraries
AWARDING SPONSOR: Broward County Metropolitan Planning Organization
TITLE: Broward MPO Integrated Transportation Information System ITIS
AWARD: $119,900

PI: Wenzhi Li
Physics
AWARDING SPONSOR: National Science Foundation
AWARD: $107,190

PI: Carol Damian
Frost Art Museum
AWARDING SPONSOR: Miami-Dade County Department of Cultural Affairs
TITLE: Major Cultural Institutions Grant Program - 09 /10
AWARD: $104,400
PI: Kenneth Furton  
Chemistry  
**AWARDING SPONSOR:** Army Research Office  
**TITLE:** Optimization of Sorbent Materials for the Collection and Analysis of Human Scent  
**AWARD:** $91,519

PI: Alexander Mebel  
Chemistry  
**AWARDING SPONSOR:** Department of Energy  
**TITLE:** Theoretical Studies of Chemical Reactions Related to the Formation and Growth of Polycyclic Aromatic Hydrocarbons and Molecular Properties of their Key Intermed  
**AWARD:** $75,893

PI: Allan Rosenbaum  
Institute for Public Management and Community Service  
**AWARDING SPONSOR:** Miami-Dade County Seaport  
**TITLE:** Seaport – XVI Inter-American Conference of Mayors & Local Authorities  
**AWARD:** $74,124

PI: Richard Bone  
Physics  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** The Distribution of Light on the Human Retina  
**AWARD:** $72,250

PI: Assefa Melesse  
Environmental Studies  
**AWARDING SPONSOR:** National Aeronautics & Space Administration  
**TITLE:** Subproject: WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space  
**AWARD:** $71,740

PI: Jaie Laplante  
Hospitality Dean’s Office  
**AWARDING SPONSOR:** City of Miami Beach Visitor and Convention Authority  
**TITLE:** 2010 South Beach Wine and Food Festival  
**AWARD:** $70,000

PI: Julissa Castellanos  
Office of the Provost  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Environmental Studies at the Biscayne Bay Campus of FIU  
**AWARD:** $70,000

PI: Manuel Barbieri  
Biological Sciences  
**AWARDING SPONSOR:** National Institute of General Medical Sciences  
**TITLE:** Intracellular Receptor Trafficking  
**AWARD:** $62,006
PI: Kenneth Furton
International Forensic Research Institute
AWARDING SPONSOR: National Institute of Standards and Technology
TITLE: Design and Development of Scientifically Validated Non-Hazardous Canine Training Materials
AWARD: $ 59,629

PI: Ping Zhu
Earth Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: Collaborative Research: From Fine-Scale Mixing to the Mesoscale: Assessing the Climatic Impact of Trade-Wind Cumulus with RICO Data and Modeling
AWARD: $ 55,255

PI: Maria Fernandez
Department of Curriculum and Instruction
AWARDING SPONSOR: University of South Florida
TITLE: FL PROMISE at FIU
AWARD: $ 53,630

PI: Hector Fuentes
Civil and Environmental Engineering
AWARDING SPONSOR: National Aeronautics & Space Administration
TITLE: Subproject: WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space
AWARD: $ 50,999

PI: Albert Gan
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation District Six
TITLE: ITS Technical and Research Support #13
AWARD: $ 50,000

PI: Patricia Barbetta
Educational and Psychological Studies Department
AWARDING SPONSOR: Florida Department of Education
TITLE: Personnel Development Partnerships (PDP)
AWARD: $ 41,253

PI: Bill King
Public Safety
AWARDING SPONSOR: National Oceanic & Atmospheric Administration
TITLE: Guard Services for the National Hurricane Center 2004-2009
AWARD: $ 39,731

PI: Jennifer Fu
University Libraries
AWARDING SPONSOR: Broward County Metropolitan Planning Organization
TITLE: Bicycle Knowledge Explorer for Broward County (BiKE)
AWARD: $ 38,500

PI: Kathleen Rein
Chemistry
AWARDING SPONSOR: Teva Global Respiratory Research, LLC
TITLE: A Proposal for the Synthesis of Putative Salmeterol Degradation Product
AWARD: $ 37,247
PI: Cathy Leff  
The Wolfsonian  
AWARDING SPONSOR: City of Miami Beach  
TITLE: Cultural Anchors  
AWARD: $ 28,595

PI: Brian Fonseca  
Applied Research Center  
AWARDING SPONSOR: United States Army War College  
TITLE: Western Hemisphere Security Colloquium  
AWARD: $ 25,750

PI: Girma Bitsualmlak  
International Hurricane Research Center  
AWARDING SPONSOR: Corning Incorporated Foundation  
TITLE: Phase I: Exploratory Full-Scale Wind Load Testing of a Photovoltaic Module  
AWARD: $ 25,671

PI: Margaret Maisel  
Clinical Programs  
AWARDING SPONSOR: Florida Bar Foundation  
TITLE: Law School Civil Clinic Grants  
AWARD: $ 25,000

PI: Berrin Tansel  
Center for Diversity in Engineering & Computing  
AWARDING SPONSOR: National Park Service  
TITLE: GEAR UP Planning Grant  
AWARD: $ 24,000

PI: Bruce McCord  
Chemistry  
AWARDING SPONSOR: University of Arizona  
TITLE: Development of Entangled Polymer Sieving Matrices  
AWARD: $ 23,826

PI: Emily Eisenhauer  
Center for Labor Research and Studies  
AWARDING SPONSOR: American Federation of Teachers  
TITLE: The Role of Early Childhood Care and Education in the Miami-Dade Economy  
AWARD: $ 20,000