Florida International University researchers were awarded $12,339,202 in April 2014. Listed below is a summary of awards received for the month of April.

PI: Irina Agoulnik  
**COM CELL BIOLOGY AND PHARM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Regulation of metastases by tumor suppressor INPP4B  
**AWARD:** $418,144

PI: Marisela Agudelo  
**COM IMMUNOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** EtOH-induced Immunomodulation: Role of Histone Deacetylases and Cannabinoid Genes  
**AWARD:** $6,191

PI: Hesham A Ali  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Long Term Aging of Asphalt Binders used with Reclaimed Asphalt Pavement  
**AWARD:** $100,000

PI: Priyanka Alluri  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Advanced Transportation Engineering Cons  
**TITLE:** Development and Implementation of Puerto Rico Strategic Highway Safety Plan  
**AWARD:** $82,427

PI: Joann Arnowitz  
**JEWISH MUSEUM OF FLORIDA-FIU**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of Miami Beach  
**TITLE:** Cultural Arts Council (CAC) - Support for Advertising 13-14  
**AWARD:** $24,147

PI: Eric Bishop-Von Wettberg  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of California Davis  
**TITLE:** A reverse-introgression and community genomics strategy to enrich and characterize legume germplasm for climate-resilience traits  
**AWARD:** $21,122
<table>
<thead>
<tr>
<th>PI</th>
<th>Award Action Type</th>
<th>Awarding Sponsor</th>
<th>Title</th>
<th>Award</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Bone</td>
<td>Initial</td>
<td>Industrial Organica S.A. de CV</td>
<td>IOSA Bioavailability Study Phase III</td>
<td></td>
<td>$8,272</td>
</tr>
<tr>
<td>Kevin Boswell</td>
<td>Initial</td>
<td>Sitka Sound Science Center</td>
<td>Recovering humpback whales and the future of Alaska’s hatcheries, fisheries and coastal communities.</td>
<td></td>
<td>$14,283</td>
</tr>
<tr>
<td>Kathryn Elizabeth Brogan</td>
<td>Continuation</td>
<td>Henry Ford Health System</td>
<td>Encouraging Young Adults to Make Effective Nutrition Choices: MENU Gen Y</td>
<td></td>
<td>$7,650</td>
</tr>
<tr>
<td>Yong Cai</td>
<td>Pre-Award</td>
<td>Office of Environmental Management</td>
<td>Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 2-FIU'S Environmen</td>
<td></td>
<td>$22,259</td>
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<tr>
<td>Jason R Chandler</td>
<td>Initial</td>
<td>FIU Foundation</td>
<td>Miami Urban Neighborhood Building Studio</td>
<td></td>
<td>$29,100</td>
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<tr>
<td>Shu-Ching Chen</td>
<td>Increase</td>
<td>Purdue University</td>
<td>A Data Mining Framework for Enhancing Emergency Response Situation Reports with Multi-Agency, Multi-Partner, Multimedia Data</td>
<td></td>
<td>$45,000</td>
</tr>
<tr>
<td>Jessy Devieux</td>
<td>Continuation</td>
<td>Brigham and Women's Hospital</td>
<td>Same-Day HIV Testing and Treatment Initiation to Improve Retention in Care</td>
<td></td>
<td>$52,953</td>
</tr>
</tbody>
</table>
PI: Maria C Donoso

**EARTH AND ENVIRONMENT**

**Award Action Type:** Increase

**AWARDING SPONSOR:** US Agency for International Development

**TITLE:** West Africa Water Supply: West Africa Water Supply-Ghana  
**AWARD:** $1,493,175

PI: Maria C Donoso

**EARTH AND ENVIRONMENT**

**Award Action Type:** Increase

**AWARDING SPONSOR:** US Agency for International Development

**TITLE:** West Africa Water Supply: West Africa Water Supply-BF  
**AWARD:** $2,395,169

PI: Maria C Donoso

**EARTH AND ENVIRONMENT**

**Award Action Type:** Increase

**AWARDING SPONSOR:** US Agency for International Development

**TITLE:** West Africa Water Supply: West Africa Water Supply-Niger  
**AWARD:** $906,751

PI: Joyce J Elam

**PROVOST AND EXEC VP ACAD AFF**

**Award Action Type:** Initial

**AWARDING SPONSOR:** University of West Florida

**TITLE:** Complete Florida  
**AWARD:** $100,000

PI: Bilal El-zahab

**MECHANICAL AND MAT ENGINEERING**

**Award Action Type:** Initial

**AWARDING SPONSOR:** CIMIT Center for Integration of Medicine

**TITLE:** Blood Lipid Profiling in an Acoustic-Driven Portable Lab-On-Chip Device  
**AWARD:** $10,000

PI: Sheldon D Fields

**NURSING AND HLTH SCI DEANS OFF**

**Award Action Type:** Supplemental

**AWARDING SPONSOR:** FHI 360

**TITLE:** HIV Prevention Trials Network Leadership  
**AWARD:** $12,775

PI: James Fourqurean

**BIOLOGY**

**Award Action Type:** Increase

**AWARDING SPONSOR:** University of Miami

**TITLE:** Aquarius Reef Base  
**AWARD:** $185,732

PI: James Fourqurean

**BIOLOGY**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Ocean Reef Community Foundation

**TITLE:** Family Science Nights  
**AWARD:** $2,000
PI: Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Updating and Improving Methodology for Prioritizing Highway Projects on the Strategic Intermodal System (SIS)  
**AWARD:** $150,000

PI: Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** ITS RESEARCH, COMPUTER, AND MISCELLANEOUS SUPPORT (WO 462-03)  
**AWARD:** $75,000

PI: Raul Gonzalez Jr  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Decision-Making and Episodic Memory in Trajectories to Cannabis Addiction  
**AWARD:** $466,610

PI: Myles Cameron Hodgson  
**COM CELL BIOLOGY AND PHARM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Department of Defense  
**TITLE:** Homeodomain Interacting Protein Kinases Modulate Hypoxic Adaptation and Chemoresistance  
**AWARD:** $108,750

PI: Xia Jin  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** Examining the Value of Travel Time Reliability for Freight Transportation to Support Freight Planning and Decision-Making  
**AWARD:** $150,000

PI: Xia Jin  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** A Synthesis of the "State-of-the-Practice for Advancing Planning and Operations Integration Opportunities within Transportation Agencies"  
**AWARD:** $40,000

PI: Ranu Jung  
**BIO MEDICAL ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Cardiovascular Engineering Center Fund  
**AWARD:** $10,000
PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** The Biomedical Engineering Lecture Series Endowment.  
**AWARD:** $10,000

PI: Ranu Jung  
**BIOMEDICAL ENGINEERING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** Biomedical Engineering Excellence Scholarship Fund  
**AWARD:** $12,500

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: FIU'S Environmental Research  
**AWARD:** $83,107

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 1-FIU'S Environment  
**AWARD:** $60,086

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: FIU'S Environmental Research  
**AWARD:** $26,298

PI: Leonel Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Office of Environmental Management  
**TITLE:** Florida International University's Research Support to the Department of Energy's Office of Environmental Management: Sub Project 3- Remediation  
**AWARD:** $40,784
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<tbody>
<tr>
<td>PI: Angela Marie Richmond Laird</td>
<td>PHYSICS</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: Georgia State University</td>
<td>TITLE: BrainMap Tracker: Automated Annotation of Brain Mapping Experiments</td>
<td>AWARD: $ 143,109</td>
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<tr>
<td>PI: Valentina Bruk Lee</td>
<td>PSYCHOLOGY</td>
<td>Award Action Type: Increase</td>
<td>AWARDING SPONSOR: University of South Florida</td>
<td>TITLE: Examining the impact of resilience on work stress and strains in nurses</td>
<td>AWARD: $ 4,421</td>
</tr>
<tr>
<td>PI: Wei-Chiang Lin</td>
<td>BIOMEDICAL ENGINEERING</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: Miami Children's Hospital</td>
<td>TITLE: Multimodal Neuromonitoring and Neuroprotection in Critically Ill Children</td>
<td>AWARD: $ 12,609</td>
</tr>
<tr>
<td>PI: Purnima Madhivanan</td>
<td>EPIDEMIOLOGY</td>
<td>Award Action Type: Increase</td>
<td>AWARDING SPONSOR: Merck &amp; Co. Inc. MSD Phamaceuticals Priv</td>
<td>TITLE: Survey of predictors of HPV vaccination among parents of rural adolescent girls in Mysore Taluk, Mysore District, India</td>
<td>AWARD: $ 38,966</td>
</tr>
<tr>
<td>PI: Lindsay Malloy</td>
<td>CENTER FOR CHILDREN AND FAM</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: Child Health and Human Development</td>
<td>TITLE: Episodic memory and suggestibility in children with Attention Deficit Hyperactivity Disorder</td>
<td>AWARD: $ 69,773</td>
</tr>
<tr>
<td>PI: H Virginia McCoy</td>
<td>HEALTH PROMO AND DISEASE PREV</td>
<td>Award Action Type: Pre-Award</td>
<td>AWARDING SPONSOR: University of Puerto Rico</td>
<td>TITLE: Florida Puerto Rico Public Health Research</td>
<td>AWARD: $ 29,015</td>
</tr>
</tbody>
</table>
PI: Norman D Munroe  
**OSAS ENGINEERING AND COMPUTING**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Action Council for Minorities  
**TITLE:** NACME Initiative at Florida International University  
**AWARD:** $5,000

PI: Madhavan P Nair  
**COM IMMUNOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Novel Magneto-Electric Nanodelivery of Drugs to Eradicate HIV from CNS  
**AWARD:** $206,250

PI: Fernando Noriega  
**BIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Allergy and Infectious Diseases  
**TITLE:** Regulation of Juvenile Hormone Titers in Mosquitoes  
**AWARD:** $438,877

PI: Richard Olson  
**EXTREME EVENTS RESEARCH CENTER**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** US Agency for International Development  
**TITLE:** Disaster Risk Reduction (DRR) in the Americas - Second Phase: Building Resilience  
**AWARD:** $1,902,836

PI: Jeremy W Pettit  
**CENTER FOR CHILDREN AND FAM**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Attention Bias Modification Training in Child Anxiety CBT Non-responders  
**AWARD:** $208,482

PI: Joerg Reinhold  
**PHYSICS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Office of Science  
**TITLE:** Nuclear Physics Research at Jefferson Lab  
**AWARD:** $475,000

PI: Leonard Scinto  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Provide office services and operational technical support to the South Florida Ecosystem Restoration Task Force, Office of the Executive Director  
**AWARD:** $550,348
PI: Matthew T Sutherland

PHYSICS

Award Action Type: Initial
AWARDING SPONSOR: National Institutes of Health
TITLE: Impact of HIV and cannabis on brain function: Regions, networks, and the connectome
AWARD: $ 164,503

PI: Mary Jo Trepka

EPIDEMIOLOGY

Award Action Type: Continuation
AWARDING SPONSOR: Minority Health and Health Disparities
TITLE: Retrospective cohort study of racial disparities in HIV survival, Florida
AWARD: $ 251,213

PI: Yukching Tse Dinh

CHEMISTRY

Award Action Type: Increase
AWARDING SPONSOR: National Institutes of Health
TITLE: Control of DNA Topology
AWARD: $ 22,399

PI: James G Waxmonsky

PSYCHIATRY AND BEHAVIOR HLTH

Award Action Type: Continuation
AWARDING SPONSOR: National Institute of Mental Health
TITLE: A Novel Approach to Stimulant-Induced Weight Suppression and its Impact on Growth
AWARD: $ 563,042

PI: Alan Lee Wells

COM HUMANITIES HLTH AND SOC

Award Action Type: Initial
AWARDING SPONSOR: Susan G. Komen Breast Cancer Foundation
TITLE: The miami breast initiative: expanding screening to vulnerable women in our community
AWARD: $ 3,000

PI: Yuying Zhang

BIOLOGY

Award Action Type: Initial
AWARDING SPONSOR: University of Florida
TITLE: Developing a size-structured stock assessment model for the spiny lobster, Panulirus argus, in the southeast United States
AWARD: $ 12,609