Florida International University researchers were awarded $3,427,480 in July 2014. Listed below is a summary of awards received for the month of July.

**PI:** Marianna Baum  
**DOR - DIVISION OF RESEARCH**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** FIU Division of Research  
**TITLE:** DORBRDG - 800005010  
**AWARD:** $69,124

**PI:** John P Berry  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** US-Netherlands/Germany Collaborative Research: Development of 13C-Based Magnetic Resonance Spectroscopy and Imaging Techniques for the Zebrafish (Danio rerio) as a Toxicological Model, and Application to Harmful Algal Bloom Toxins  
**AWARD:** $7,500

**PI:** Jason R Chandler  
**ARCHITECTURE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Villagers Incorporated  
**TITLE:** Villagers Inc. Scholarships  
**AWARD:** $6,000

**PI:** Francisco Alberto Fernandez Lima  
**CHEMISTRY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Mass Spectrometry based molecular imaging of native biological nanodomains  
**AWARD:** $48,786

**PI:** James Fourquarean  
**BIOLOGY**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** University of Miami  
**TITLE:** Aquarius Reef Base  
**AWARD:** $244,678

**PI:** James Fourquarean  
**BIOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** URS GROUP INC  
**TITLE:** URS Aquarius Mission  
**AWARD:** $11,870
<table>
<thead>
<tr>
<th>PI</th>
<th>Award Action Type</th>
<th>Awarding Sponsor</th>
<th>Title</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daniel Gann</td>
<td>Increase</td>
<td>U.S. Department of Agriculture</td>
<td>Acquisition, Curation, Mapping and Submission of Accession Information to U.S Department of Agriculture Agriculture Research Service (USDA-ARS) Germplasm Resources Information Network (GRIN)</td>
<td>$20,335</td>
</tr>
<tr>
<td>Boyuan Guan</td>
<td>Initial</td>
<td>Florida Department of Transportation</td>
<td>Pedestrian Safety Analysis Tool - Phase 2</td>
<td>$69,970</td>
</tr>
<tr>
<td>Mohammed A Hadi</td>
<td>Initial</td>
<td>Florida Department of Transportation</td>
<td>Development of SW 8th Street Adaptive Signal Control Evaluation Plan and Initial Data Processing and Validation</td>
<td>$20,397</td>
</tr>
<tr>
<td>Haiyan Jiang</td>
<td>Initial</td>
<td>NASA Goddard Space Flight Center</td>
<td>Quantifying Asymmetries of Precipitation and Convection in Tropical Cyclones and Their Relationship to Storm Intensity Changes Based on 14 Years of TRMM Data</td>
<td>$30,000</td>
</tr>
<tr>
<td>Leonel Lagos</td>
<td>Increase</td>
<td>Office of Environmental Management</td>
<td>Florida International University’s Research Support to the Department of Energy's Office of Environmental Management</td>
<td>$704</td>
</tr>
<tr>
<td>Angela Marie Richmond Laird</td>
<td>Initial</td>
<td>National Science Foundation</td>
<td>Exploring the Neural Mechanisms of Physics Learning</td>
<td>$17,580</td>
</tr>
<tr>
<td>PI: Jason Xiaowen Liu</td>
<td>COMPUTER INFO SCIENCES</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: National Science Foundation</td>
<td>TITLE: EAGER: SwitchOn - Exploring and Strengthening US-Brazil Collaborations in Future Internet Research</td>
</tr>
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</tr>
<tr>
<td>PI: Juan Paulo Liuzzi</td>
<td>DIETETICS AND NUTRITION</td>
<td>Award Action Type: Continuation</td>
<td>AWARDING SPONSOR: Alcohol Abuse and Alcoholism</td>
<td>TITLE: Role of zinc in autophagy during ethanol exposure</td>
</tr>
<tr>
<td>PI: Purnima Madhivanan</td>
<td>EPIDEMIOLOGY</td>
<td>Award Action Type: Increase</td>
<td>AWARDING SPONSOR: University of California Berkeley</td>
<td>TITLE: Global Health Fellows and Scholars Research Training Program</td>
</tr>
<tr>
<td>PI: Fernando Miralles-Wilhelm</td>
<td>SOUTHEAST ENV RESEARCH CTR</td>
<td>Award Action Type: Increase</td>
<td>AWARDING SPONSOR: Everglades Foundation</td>
<td>TITLE: Modeling of Nutrient Exchange Program for the Everglades</td>
</tr>
<tr>
<td>PI: Joongho Moon</td>
<td>CHEMISTRY</td>
<td>Award Action Type: Increase</td>
<td>AWARDING SPONSOR: National Institutes of Health</td>
<td>TITLE: Multiphoton Probes for Biomedical Imaging</td>
</tr>
<tr>
<td>PI: Norman D Munroe</td>
<td>OSAS ENGINEERING AND COMPUTING</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: Florida Department of Transportation</td>
<td>TITLE: National Summer Transportation Program</td>
</tr>
<tr>
<td>PI: Norman D Munroe</td>
<td>OSAS ENGINEERING AND COMPUTING</td>
<td>Award Action Type: Initial</td>
<td>AWARDING SPONSOR: Children's Trust</td>
<td>TITLE: ENLACE Miami</td>
</tr>
</tbody>
</table>
PI: Norman D Munroe  
**ENGINEERING DEANS OFFICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of Central Florida  
**TITLE:** 2013-2014 Hybrid Rocket  
**AWARD:** $ 200

PI: Edward P Murray  
**METROPOLITAN CENTER**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Broward County  
**TITLE:** 2014 Update - Broward County Housing Linkage Fee Nexus Study  
**AWARD:** $ 68,000

PI: Winifred Elysse Newman  
**ARCHITECTURE**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** FIU Foundation  
**TITLE:** District 11 Strategic Development Plan  
**AWARD:** $ 18,967

PI: Maria Olenick  
**NURSING FEP BBC**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Department of Veterans Affairs  
**TITLE:** VA Nursing Academic Partnership Program (VANAP)  
**AWARD:** $ 64,051

PI: Ebru Ozer  
**LANDSCAPE ARCHITECTURE**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Landscape Architecture Foundation  
**TITLE:** Case Study Investigations for 1111 Lincoln Road, Nova Southeastern University, and Pompano Beach Dune Enhancement and Streetscape  
**AWARD:** $ 2,300

PI: Mark Padilla  
**LATIN AMERICAN AND CARIB CTR**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** National Institute on Drug Abuse  
**TITLE:** Migration, Tourism and the HIV-drug use Syndemic in the Dominican Republic  
**AWARD:** $ 400,159

PI: Deng Pan  
**COMPUTER INFO SCIENCES**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CSR: Small: A Scalable and Efficient Framework for Switch Virtualization  
**AWARD:** $ 16,000
PI: Jeremy W Pettit  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Attention Bias Modification Training in Youth with Subthreshold Impairing Anxiety  
AWARD: $ 195,257

PI: Jeremy W Pettit  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Initial  
AWARDING SPONSOR: American Psychological Foundation  
TITLE: Pilot Randomized Controlled Trial of a Program to Reduce Perceived Burdensomeness in Adolescents  
AWARD: $ 16,906

PI: Raju Rangaswami  
COMPUTER INFO SCIENCES  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: CSR: Small: Non-blocking Writes  
AWARD: $ 16,000

PI: Raphael Raptis  
CHEMISTRY  
Award Action Type: Initial  
AWARDING SPONSOR: University of Puerto Rico  
TITLE: Carbon Dioxide Storage and Sustained Delivery by Porous Pillar Layered Structure Coordination Polymers and Metal Organic Frameworks  
AWARD: $ 111,142

PI: Raphael Raptis  
CHEMISTRY  
Award Action Type: Initial  
AWARDING SPONSOR: University of Puerto Rico  
TITLE: Carbon Dioxide Storage and Sustained Delivery by Porous Pillar Layered Structure Coordination Polymers and Metal Organic Frameworks: Participant account  
AWARD: $ 48,858

PI: Naphtali Rishe  
COMPUTER INFO SCIENCES  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: I/UCRC Phase II: Center for Advanced Knowledge Enablement  
AWARD: $ 10,000

PI: Douglas Lee Robertson  
UNDERGRADUATE EDUCATION  
Award Action Type: Initial  
AWARDING SPONSOR: Association of Public & Land-Grant Univ  
TITLE: University Transformation through Teaching (UT)  
AWARD: $ 44,987
PI: Sofia Santiesteban  
**COLLEGE ACCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Education  
**TITLE:** South Florida CROP Consortium  
**AWARD:** $ 48,532

PI: Sofia Santiesteban  
**COLLEGE ACCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** Summer Food Summer Program food services for low income and first generation student who participate in the UPWARD BOUND Summer program.  
**AWARD:** $ 9,215

PI: Sofia Santiesteban  
**COLLEGE ACCESS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** Summer Food Summer Program food services for low income and first generation student who participate in the CROP Summer program.  
**AWARD:** $ 5,168

PI: Arif Islam Sarwat  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Power and Light  
**TITLE:** Electric Power Reliability & Analytics Center (EPRAC) for High Penetration Distributed Renewable Resource Modern Grid System  
**AWARD:** $ 356,000

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:** $ 33,270

PI: Dionne Stephens  
**PSYCHOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** University of California Berkeley  
**TITLE:** Global Health Fellows and Scholars Research Training Program Subproject  
**AWARD:** $ 21,600

PI: Joel Trexler  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Park Service  
**TITLE:** Freshwater fish monitoring in the Water Conservation Area 3 and Everglades National Park  
**AWARD:** $ 211,074
**PI:** Anna H Wachnicka Kosiorek  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** U.S. Geological Survey  
**TITLE:** A multi-proxy study of environmental change and ecological regime shift detection in Florida Bay and Biscayne Bay, Florida (USA) over the last ~100-1000 years  
**AWARD:** $1,000

**PI:** Changwon Yoo  
**BIOSTATISTICS**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Identifying Key Genes that cause Aggressive Brain Cancer  
**AWARD:** $108,750