Florida International University researchers were awarded $3,823,567 in December 2013. Listed below is a summary of awards received for the month of December.

PI: Malek Adjouadi  
ELEC AND COMPUTER ENG  
Award Action Type: Initial  
AWARDING SPONSOR: Mount Sinai Medical Center  
TITLE: Imaging for Alzheimer Detection and Prediction  
AWARD: $19,250

PI: Jose Almirall  
INT FORENSIC RSCH INSTITUTE  
Award Action Type: Increase  
AWARDING SPONSOR: Navy Systems Management Agency  
TITLE: FORENSIC INK ANALYSIS AND COMPARISON SYSTEM (FIACS)  
AWARD: $185,996

PI: Heather Bracken-Grissom  
BIOLOGY  
Award Action Type: Increase  
AWARDING SPONSOR: George Washington University  
TITLE: Stress Response of Decapod Crustaceans to BP Oil Spill  
AWARD: $20,526

PI: Kathryn Elizabeth Brogan  
DIETETICS AND NUTRITION  
Award Action Type: Initial  
AWARDING SPONSOR: Wayne State University  
TITLE: Interventionist Procedures for Adherence to Weight Loss Recommendations in Black Adolescents  
AWARD: $20,992

PI: Jiuhua Chen  
MECHANICAL AND MAT ENGINEERING  
Award Action Type: Continuation  
AWARDING SPONSOR: Carnegie Institute of Washington  
TITLE: EFree - Energy Frontier Research in Extreme Environments  
AWARD: $60,000

PI: Jonathan Comer  
CENTER FOR CHILDREN AND FAM  
Award Action Type: Pre-Award  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Evaluating the Feasibility of Internet-Delivered Parent-Child Interaction Therapy  
AWARD: $28,077
PI: Jose Miguel Cruz  
**POLITICS AND INTL RELATIONS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Open Society Foundations  
**TITLE:** The Transformation of Drug Policy  
**AWARD:** $144,000

PI: Carol E Damian  
**FROST ART MUSEUM**  
**Award Action Type:** Pre-Award  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** FY 2013-2014 MCI Frost Art Museum  
**AWARD:** $113,500

PI: Carol E Damian  
**FROST ART MUSEUM**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** Philippe Dodard's Exhibition at the Patricia & Phillip Frost Art Museum - FIU  
**AWARD:** $15,000

PI: Francisco Alberto Fernandez Lima  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Nova Southeastern University  
**TITLE:** Development of radioligand for assay of angiotensin-converting enzyme-2 (ACE-2)  
**AWARD:** $7,300

PI: James Fourqurean  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Continuation  
**AWARDING SPONSOR:** Environmental Protection Agency  
**TITLE:** Seagrass Monitoring in the Florida Keys National Marine Sanctuary FY 2010-2011  
**AWARD:** $190,000

PI: Evelyn Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – Gaiser LTER III: Infrastructure  
**AWARD:** $532,435

PI: Evelyn Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – FCE LTER III:: REU  
**AWARD:** $16,000
PI: Evelyn Gaiser

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – Troxler FCE LTER III
AWARD: $ 75,896

PI: Evelyn Gaiser

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – Heithaus LTER III: Trophic Dyna
AWARD: $ 68,996

PI: Evelyn Gaiser

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
AWARD: $ 71,915

PI: Evelyn Gaiser

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – Briceno FCE LTER III: Legacies
AWARD: $ 63,707

PI: Evelyn Gaiser

SOUTHEAST ENV RESEARCH CTR
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research – Price FCE LTER III: Water
AWARD: $ 80,583

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 462-02)
AWARD: $ 75,000

PI: Orlando J Garcia

MUSIC
Award Action Type: Initial
AWARDING SPONSOR: National String Project Consortium
TITLE: FIU School of Music String Project
AWARD: $ 10,000
<table>
<thead>
<tr>
<th>PI</th>
<th>Date</th>
<th>Action Type</th>
<th>Sponsor</th>
<th>Title</th>
<th>Award ($)</th>
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<tbody>
<tr>
<td>Mohammed A Hadi</td>
<td>December 2013</td>
<td>Initial</td>
<td>University of Florida</td>
<td>Signal Timing Optimization with Consideration of Environmental and Safety Impacts</td>
<td>64,000</td>
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<td>Julio E Ibarra</td>
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<td>Initial</td>
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<td>Big Data Big Network</td>
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<td>Young Cheol Kang</td>
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<td>Supplemental</td>
<td>Chung-Ang University</td>
<td>Development of Construction and Operation Methods for Low-Carbon Green Airport Pavement</td>
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<td>Konstantinos Kavallieratos</td>
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<td>Increase</td>
<td>U.S. Nuclear Regulatory Commission</td>
<td>FIU Nuclear Scholarship (FNS) Program</td>
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<td>John Kominoski</td>
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<td>Increase</td>
<td>National Science Foundation</td>
<td>LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research</td>
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<td>Robert Lickliter</td>
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<td>General Medical Sciences</td>
<td>MBRS Research Initiative for Scientific Enhancement: FIU MBRS RISE - Administrative</td>
<td>19,448</td>
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<td>Robert Lickliter</td>
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<td>Increase</td>
<td>General Medical Sciences</td>
<td>MBRS Research Initiative for Scientific Enhancement: FIU MBRS RISE - Trainee</td>
<td>1,270</td>
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PI: Hong Liu  
**EARTH AND ENVIRONMENT**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Fairchild Tropical Botanic Garden  
**TITLE:** Conservation ecology of selected plants in Halmahera, Indonesia  
Graduate Assistantship for Melissa Abdo  
**AWARD:** $102

PI: Yuan Liu  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Trinucleotide Repeat Instability via DNA Damage and Repair  
**AWARD:** $318,785

PI: Debra Lundy  
**SCH OF HOSP AND TOURISM MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** 2014 Food Network South Beach Wine & Food Festival  
**AWARD:** $78,058

PI: Aime Martinez  
**OFFICE OF SUSTAINABILITY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Agriculture and Co  
**TITLE:** FIU Nature Preserve "The Preserve"  
**AWARD:** $10,000

PI: Kalai Mathee-narasimhan  
**COM MOLECULAR MICROBIOLOGY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CREST-I/UCRC-Industry Ecosystem to Pipeline Research  
**AWARD:** $39,800

PI: Maria Jose Miguez Perez  
**DOR - DIVISION OF RESEARCH**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Health  
**TITLE:** Menthol or Not menthol: How Smoking is related to Bone Mineral Density in People With and Without HIV  
**AWARD:** $399,659

PI: Norman D Munroe  
**MECHANICAL AND MATE ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** City of Coral Gables Police Department  
**TITLE:** Materials assessment and characterization of firing pins from the Glock firearm used by the City of Coral Gables Police Department  
**AWARD:** $4,500
PI: Edward P Murray
METROPOLITAN CENTER
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County
TITLE: Miami-Dade Economic Advocacy Trust (MDEAT) Annual Report Card and Scorecard
AWARD: $ 48,600

PI: Richard Olson
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: Hurricane Loss Reduction for Housing in Florida 2013
AWARD: $ 214,747

PI: Richard Olson
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: Sub-Project: Hurricane Loss Reduction for Housing in Florida 2013
AWARD: $ 104,296

PI: Richard Olson
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: Sub-Project: Hurricane Loss Reduction for Housing in Florida 2013
AWARD: $ 256,205

PI: Richard Olson
INTERNATIONAL HURRICANE CENTER
Award Action Type: Initial
AWARDING SPONSOR: Florida Division of Emergency Management
TITLE: Sub-Project: Hurricane Loss Reduction for Housing in Florida 2013
AWARD: $ 124,753

PI: Niki J Pissinou
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: REU SITE: ASSET: Research Experiences for Undergraduates in Advanced Secured Sensor Enabling Technologies
AWARD: $ 83,055

PI: Surendra K Saxena
MECHANICAL AND MAT ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: Iowa State University
TITLE: Sustainable Allow Design: Searching for Rare Earth Element Alternatives through Crystal Engineering
AWARD: $ 80,000
PI: Ines R Triay Melendez
ARC APPLIED RESEARCH CENTER
Award Action Type: Increase
AWARDING SPONSOR: Independent Strategic Management Solutions
TITLE: ISM Solutions Task Order
AWARD: $ 869

PI: Ines R Triay Melendez
ARC APPLIED RESEARCH CENTER
Award Action Type: Supplemental
AWARDING SPONSOR: Independent Strategic Management Solutions
TITLE: Sub-Project: ISM Solutions Task Order
AWARD: $ 1,816

PI: Diana M Valle-Riestra
COE TEACHING AND LEARNING
Award Action Type: Increase
AWARDING SPONSOR: Office of Special Education Programs
TITLE: Project PEACE
AWARD: $ 1,186

PI: Diana M Valle-Riestra
COE TEACHING AND LEARNING
Award Action Type: Increase
AWARDING SPONSOR: Office of Special Education Programs
TITLE: Project PEACE: MENTOR PAYMENTS
AWARD: $ 7,200