

**FLORIDA INTERNATIONAL UNIVERSITY DIVISION OF RESEARCH
OFFICE OF SPONSORED RESEARCH
AUGUST AWARDS OVERVIEW**

Florida International University researchers were awarded **\$11,030,062** in August 2008. Listed below is a summary of awards received for *\$20,000 or more* during the month of August.

PI: Luis Salas

Center for Administration of Justice

AWARDING SPONSOR: United States Agency for International Development

TITLE: *Colombia Justice Reform and Modernization Program* **AWARD:** \$ 1,200,000

PI: Gustavo Roig

Engineering Dean's Office

AWARDING SPONSOR: Department of Education

TITLE: *GEAR UP South Dade Empowerment Zone* **AWARD:** \$ 1,177,598

PI: Ray Thomlison

School of Social Work

AWARDING SPONSOR: Florida Department of Children and Families

TITLE: *Child Welfare Preservice Curriculum Development Project* **AWARD:** \$ 920,350

PI: Julian Edward

Mathematics

AWARDING SPONSOR: National Science Foundation

TITLE: *Get Educators in Mathematics and Science (GEMS)* **AWARD:** \$ 749,976

PI: Marianna K. Baum

Dietetics and Nutrition

AWARDING SPONSOR: National Institute on Drug Abuse

TITLE: *HIV and HIV/HCV-Infection, Disease Progression, Oxidatives Stress & Antioxidants* **AWARD:** \$ 521,643

PI: Ray Thomlison

Public Health

AWARDING SPONSOR: Our Kids of Miami-Dade/Monroe, Inc.

TITLE: *District 11/Our Kids, Inc.* **AWARD:** \$ 512,383

PI: Joanne Youngblut

School of Nursing

AWARDING SPONSOR: National Institutes of Health

TITLE: *Death in the PICU/NICu: Parent and Family Functioning* **AWARD:** \$ 406,303

PI: Evangelos Christidis
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *III-CXT-Small: Information Discovery on Domain Data Graphs* **AWARD:** \$ 354,168

PI: Berrin Tansel
Civil and Environmental Engineering
AWARDING SPONSOR: Miami-Dade County Water & Sewer Department
TITLE: *Miami-Dade Water and Sewer Department Water Use Efficiency* **AWARD:** \$ 350,000

PI: Joan Wynne
Center for Urban Education and Innovation (CUEI)
AWARDING SPONSOR: The Children's Trust
TITLE: *Young's People Project – After School and Summer Project* **AWARD:** \$ 301,567

PI: Kalai Mathee
Minority Biomedical Research Support Program
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Regulation of P. Aeruginosa PoxB Oxacillinase by AmpR and a Two-Component System* **AWARD:** \$ 295,800

PI: Mahadev Bhat
Environmental Studies
AWARDING SPONSOR: Department of Agriculture Cooperative State Research, Education & Extension Service
TITLE: *Curriculum Enrichment, Instrumentation and Experiential Learning In Agroecology* **AWARD:** \$ 290,000

PI: Mohammed Hadi
Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation
TITLE: *Traffic Management Simulation Development* **AWARD:** \$ 274,999

PI: Charles Bigger
Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Subproject: MBRS Research Initiative for Scientific Enhancement* **AWARD:** \$ 247,068

PI: Ophelia Weeks
Biological Sciences
AWARDING SPONSOR: National Institutes of Health
TITLE: *MARC Q'BIC (Quantifying Biology in the Classroom)* **AWARD:** \$ 243,191

PI: James Jaccard
Psychology
AWARDING SPONSOR: National Institute of Child Health and Human Development
TITLE: *Parenting and Latino Adolescent Sexual Risk Taking* **AWARD:** \$ 238,018

PI: E. George Simms
Student Affairs
AWARDING SPONSOR: Department of Education
TITLE: *Educational Talent Search* **AWARD:** \$ 226,600

PI: Yi Deng
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CREST: Center for Innovative Information Systems Engineering* **AWARD:** \$ 194,025

PI: Maureen C. Kenny
Educational and Psychological Studies Department
AWARDING SPONSOR: The Children's Trust
TITLE: *Keeping Kids Safe* **AWARD:** \$ 190,589

PI: Delia Garcia
Department of Educational Leadership and Policy
AWARDING SPONSOR: Florida Department of Education
TITLE: *The Families Learning at School and Home (FLASH) Program* **AWARD:** \$ 149,783

PI: Naphtali D. Rishe
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *Collaborative Research: Center for Advanced Knowledge Enablement* **AWARD:** \$ 140,000

PI: Cristina Eguizabal
Latin American and Caribbean Center
AWARDING SPONSOR: University of Florida
TITLE: *National Resource Centers Program for Language And Area or Language and International Studies* **AWARD:** \$ 124,461

PI: Alexander Mebel
Chemistry
AWARDING SPONSOR: The Research Corporation of the University of Hawaii
TITLE: *CRC: Chemistry of Unsaturated Hydrocarbons in Titan's Atmosphere* **AWARD:** \$ 107,500

PI: Watson Lee
 Chemistry
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Using Visible Light to Modulate Biological Systems* **AWARD:** \$ 104,400

PI: Lidia Kos
 Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *Generation of a UV-Dependent Mouse Model of Melanoma* **AWARD:** \$ 102,090

PI: Raju Rangaswami
 School of Computing and Information Sciences
AWARDING SPONSOR: Department of Energy
TITLE: *QoS – Enabled High-Performance Storage Systems for Data Intensive Scientific Computing* **AWARD:** \$ 100,000

PI: Mahadev Bhat
 Environmental Studies
AWARDING SPONSOR: Department of Agriculture Cooperative State Research, Education & Extension Service
TITLE: *Internalization of Environmental Studies Curriculum in Bio-Fuel Production* **AWARD:** \$ 99,911

PI: Surendra Saxena
 Mechanical and Materials Engineering
AWARDING SPONSOR: Iowa State University
TITLE: *International Material Institute* **AWARD:** \$ 81,472

PI: Suzanna Rose
 Women's Studies Center
AWARDING SPONSOR: The Children's Trust
TITLE: *Parents As Teachers – PAT4YOU* **AWARD:** \$ 69,937

PI: Marianna Baum
 Dietetics and Nutrition
AWARDING SPONSOR: National Institute on Drug Abuse
TITLE: *Subproject: HIV and HIV/HCV-Infection, Disease Progression, Oxidatives Stress & Antioxidants* **AWARD:** \$ 66,484

PI: Laird Kramer
 Physics
AWARDING SPONSOR: American Physics Society
TITLE: *Subproject: FIU PhysTEC Primary Partner Institution Proposal* **AWARD:** \$ 65,790

PI: Frank Jochem
Biological Sciences
AWARDING SPONSOR: National Oceanic & Atmospheric Administration
TITLE: *NGOMEX 2006 – Using Spatially-Explicit, High-Resolution
Rusveys and Modeling to Quantify Hypoxia Effects on the Louisiana’s
Shelf Living Resources* **AWARD:** \$ 63,698

PI: Gustavo Roig
Center for Diversity in Engineering & Computing
AWARDING SPONSOR: The Children’s Trust
TITLE: *ENLACE/MIAMI – The Children’s Trust* **AWARD:** \$ 57,491

PI: Charles Bigger
Minority Biomedical Research Support Program
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *MBRS Research Initiative for Scientific Enhancement* **AWARD:** \$ 52,534

PI: Sylvia Smith
Biological Sciences
AWARDING SPONSOR: National Institute of Child Health and Human Development
TITLE: *Office for Access to Biomedical Research and Training 2007
& 2008 Supplement* **AWARD:** \$ 52,209

PI: Anthony J. McGoron
Biomedical Engineering
AWARDING SPONSOR: FIU Foundation
TITLE: *Eminent Chair* **AWARD:** \$ 50,000

PI: Edward Murray
Metropolitan Center
AWARDING SPONSOR: City of Miami
TITLE: *Miami River Economic Impact Study* **AWARD:** \$ 50,000

PI: Kimberly Bergen
The Wolfsonian
AWARDING SPONSOR: Getty Foundation
TITLE: *John Eberson Archive* **AWARD:** \$ 50,000

PI: Anthony J. McGoron
Biomedical Engineering
AWARDING SPONSOR: FIU Foundation
TITLE: *Biomedical Engineering Excellence Fund* **AWARD:** \$ 47,500

PI: Michael Heithaus
Biological Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *NSF Graduate Research Fellowship for Meagan
Dunphy-Daly* **AWARD:** \$ 41,500

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| PI: Faviana Muci Applied Research Center AWARDING SPONSOR: AMEC, Inc. TITLE: <i>AMEC-CORE Support Program</i> | AWARD: \$ 40,600 |
| PI: Anthony J. McGoron Biomedical Engineering AWARDING SPONSOR: FIU Foundation TITLE: <i>The Young Inventor Program Endowment</i> | AWARD: \$ 37,500 |
| PI: Jerry Haar Management and International Business AWARDING SPONSOR: Jay Malina International Trade Consortium TITLE: <i>Subproject: Service Agreement for International Trade Promotion & Workforce Education and Training</i> | AWARD: \$ 36,000 |
| PI: Laird Kramer Physics AWARDING SPONSOR: American Physics Society TITLE: <i>FIU PhysTEC Primary Partner Institution Proposal</i> | AWARD: \$ 33,713 |
| PI: Cathy Leff The Wolfsonian AWARDING SPONSOR: National Endowment for the Arts TITLE: <i>Access to Artistic Excellence: Documentation of Italian Materials in the Wolfsonian Collection</i> | AWARD: \$ 30,000 |
| PI: Shu-Ching Chen School of Computing and Information Sciences AWARDING SPONSOR: San Diego State University TITLE: <i>A Cognitive KASER Decision Support System</i> | AWARD: \$ 29,714 |
| PI: Sofia Santiesteban Pre-Collegiate Programs and Grants AWARDING SPONSOR: Florida Education Fund TITLE: <i>South Florida Center of Excellence</i> | AWARD: \$ 26,000 |
| PI: Anthony J. McGoron Biomedical Engineering AWARDING SPONSOR: FIU Foundation TITLE: <i>Biomedical Engineering Research Initiation Program</i> | AWARD: \$ 25,000 |

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| PI: Anthony J. McGoron Biomedical Engineering AWARDING SPONSOR: FIU Foundation TITLE: <i>Graduate Fellowship in Biomedical Engineering Fund</i> | AWARD: \$ 25,000 |
| PI: Anthony J. McGoron Biomedical Engineering AWARDING SPONSOR: FIU Foundation TITLE: <i>Biomedical Engineering Distinguished Professorship in Bioinstrumentation and Biomeasurement</i> | AWARD: \$ 25,000 |
| PI: Craig Layman Marine Biology AWARDING SPONSOR: Perry Institute for Marine Science TITLE: <i>Fellowship for the Development of a West Andros Marine Reserve</i> | AWARD: \$ 25,000 |
| PI: Richard Burton Ball-PMT Support Program AWARDING SPONSOR: Ball Aerospace & Technologies Corp. TITLE: <i>Ball-PMT Support Program</i> | AWARD: \$ 23,431 |
| PI: Arindam Gan Chowdhury International Hurricane Research Center AWARDING SPONSOR: University of Florida TITLE: <i>Subproject: Full-Scale Simulation of Hurricane Effects on Residential Building Envelopes to Reduce Hurricane-Induced Losses</i> | AWARD: \$ 22,500 |