

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

Florida International University researchers were awarded **\$12,401,415** in June 2007. Listed below is a summary of awards received for *\$50,000 or more* during the month of June.

PI: Gustavo Roig
Engineering Dean's Office
AWARDING SPONSOR: The Children's Trust
TITLE: *Enlace Miami / Children Trust Expansion* **AWARD:** \$ 959,735

PI: Ray Thomlinson
School of Social Work
AWARDING SPONSOR: Florida Department of Children and Families
TITLE: *Child Welfare Pre-Service Training Curriculum Development* **AWARD:** \$ 925,476

PI: Marianna Baum
Dietetics and Nutrition
AWARDING SPONSOR: National Institute on Drug Abuse
TITLE: *HIV Disease, Drug Abuse and Nutrient Therapy in Botswana* **AWARD:** \$ 675,825

PI: Virginia McCoy
Public Health
AWARDING SPONSOR: National Institute on Drug Abuse
TITLE: *HIV Risk Reduction in Migrant Workers* **AWARD:** \$ 595,827

PI: Yi Deng
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CREST: Center for Emerging Technologies for Advanced Information Processing and High-Confidence Systems* **AWARD:** \$ 507,406

PI: Charles Bigger
Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *2007-2008 MBRS Research Initiative for Scientific Enhancement* **AWARD:** \$ 500,423

PI: Eric Wagner
School of Social Work
AWARDING SPONSOR: Department of Health & Human Services
TITLE: *Brief Intervention for Minority Adolescent Drinkers* **AWARD:** \$ 440,700

PI: Malek Adjouadi
School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CREST: Center for Emerging Technologies for Advanced Information Processing and High-Confidence Systems* **AWARD:** \$ 401,491

PI: Kathleen S. Rein
Chemistry
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental health Science at Florida International University* **AWARD:** \$ 353,934

PI: Mario De La Rosa
School of social Work
AWARDING SPONSOR: National Institute on Drug Abuse
TITLE: *Latino Minority Drug Abuse Research Center* **AWARD:** \$ 340,743

PI: Jean Mead
Communication Sciences and Disorders
AWARDING SPONSOR: Miami-Dade County Public School System
TITLE: *Speech Language Pathology Services 2006-2007* **AWARD:** \$ 292,999

PI: Sharon Pontious
School of Nursing
AWARDING SPONSOR: Health Resources and Services Administration
TITLE: *Post-Master's Certificate in Nursing Education* **AWARD:** \$ 258,659

PI: Kathryn Anderson
School of Nursing
AWARDING SPONSOR: National Center on Minority Health and Health Disparities
TITLE: *Training in Chronic Illness Research in Florida and Europe* **AWARD:** \$ 242,023

PI: Elizabeth Cramer
Educational and Psychological Studies
AWARDING SPONSOR: Department of Education
TITLE: *Secondary Accommodations for Educators: Partnership of Arts & Sciences, Special & General Education* **AWARD:** \$ 200,000

PI: Elizabeth Cramer
Educational and Psychological Studies
AWARDING SPONSOR: Department of Education
TITLE: *Project IMPRESS* **AWARD:** \$ 200,000

PI: Patricia Barbetta
Educational and Psychological Studies
AWARDING SPONSOR: Department of Education
TITLE: *Project QUEST* **AWARD:** \$ 200,000

PI: Patricia Barbetta
 Educational and Psychological Studies
AWARDING SPONSOR: Office of Special Education & Rehabilitative Services
TITLE: *Project Plus: Preparing Leaders in Urban Special Education* **AWARD:** \$ 199,999

PI: Virginia McCoy
 Public Health
AWARDING SPONSOR: Health Resources and Services Administration
TITLE: *SDS Program: Public Health* **AWARD:** \$ 197,999

PI: Kathleen S. Rein
 Chemistry
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 191,758

PI: Eduardo Gamarra
 Latin American and Caribbean Center (LACC)
AWARDING SPONSOR: University of Florida
TITLE: *Training: National Resource Centers & Foreign Language & Area Studies Fellowships (FLAS Component)* **AWARD:** \$ 188,000

PI: Albert Gan
 Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation Research Center
TITLE: *Development of Web FTIS 2008* **AWARD:** \$ 182,714

PI: Eric Crumpler
 Biomedical Engineering
AWARDING SPONSOR: Nanomaterials Company
TITLE: *Decontaminating Agents for Chemical Warfare* **AWARD:** \$ 182,200

PI: Berrin Tansel
 Civil and Environmental Engineering
AWARDING SPONSOR: Miami-Dade County Public School System
TITLE: *math matters Every Day (M2ED)* **AWARD:** \$ 175,000

PI: Kia Makki
 Telecommunications & Information Technology Institute
AWARDING SPONSOR: Florida Atlantic University
TITLE: *Performance Measures: A Wireless Real-Time Route Guidance System for Urban Traffic Management* **AWARD:** \$ 158,001

PI: Malek Adjouadi
Electrical and Computer Engineering
AWARDING SPONSOR: National Science Foundation
TITLE: *Hardware-Software Integration for the Design of Real-Time Prototypes Merging Assistive Technologies to Neuroscience* **AWARD:** \$ 156,012

PI: Barbara Thomlison
School of Social Work
AWARDING SPONSOR: Florida Atlantic University
TITLE: *Title IV-E Child Welfare Education Program* **AWARD:** \$ 148,812

PI: Cengez Alacaci
Department of Curriculum and Instruction
AWARDING SPONSOR: Department of Education
TITLE: *Florida International University – Student Equity and Achievement In Mathematics and Science (FIU – SEAMS)* **AWARD:** \$ 137,801

PI: Edward Glab
Management and International Business
AWARDING SPONSOR: Winrock International
TITLE: *John Ogonowski Farmer-to-Farmer (FTF) Program* **AWARD:** \$ 135,603

PI: Xudong He
School of Computing and Information Sciences
AWARDING SPONSOR: Department of Education
TITLE: *GAANN Fellowships in Computer Science at Florida International University* **AWARD:** \$ 127,881

PI: John Berry
Chemistry
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Zebrafish Embryos as a Model for Cyanobacterial Toxins* **AWARD:** \$ 120,081

PI: Keqi Zhang
International Hurricane Research Center
AWARDING SPONSOR: Department of Energy
TITLE: *Prediction of Pine Forest Changes in the Florida Keys Due to Sea Level Rise & Storm Surge* **AWARD:** \$ 119,954

PI: Charles Bigger
Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *2007-2008 MBRS Research Initiative for Scientific Enhancement* **AWARD:** \$ 106,796

PI: Sylvia Smith
Biological Sciences
AWARDING SPONSOR: National Institute of Child Health & Human Development
TITLE: *Office for Access to Biomedical Research and Training 2007* **AWARD:** \$ 103,720

PI: Armando Barreto
Electrical and Computer Engineering
AWARDING SPONSOR: National Science Foundation
TITLE: *Three-Dimensional Magnetic Memory Device* **AWARD:** \$ 102,781

PI: Fang Zhao
Civil and Environmental Engineering
AWARDING SPONSOR: Federal Transit Administration
TITLE: *Year-Three Program for Center for Transportation Needs of Special Populations (TRANSP0)* **AWARD:** \$ 100,001

PI: Richard Schoephoerster
Biomedical Engineering
AWARDING SPONSOR: FIU Foundation
TITLE: *Biomedical Engineering Distinguished Professorship in Bioinstrumentation and Biomeasurement* **AWARD:** \$ 94,567

PI: Yong Cai
Southeast Environmental Research Center
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 91,735

PI: Jose Almirall
International Forensic Research Institute
AWARDING SPONSOR: Sensor Concepts and Applications
TITLE: *Second-Generation SPME-IMS Interface System* **AWARD:** \$ 89,122

PI: Wei-Chiang Lin
Biomedical Engineering
AWARDING SPONSOR: American Heart Association
TITLE: *In Vivo Differentiation of Normal, Stunned, Hibernating and Scarred Myocardium Using Optical Spectroscopy* **AWARD:** \$ 86,193

PI: Kevin O'Shea
Chemistry
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 75,600

PI: Todd Lajeunesse
 Biological Sciences
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 75,541

PI: Albert Gan
 Civil and Environmental Engineering
AWARDING SPONSOR: Florida Department of Transportation, District Six
TITLE: *Traffic Engineering Services and ITS Technical Support* **AWARD:** \$ 75,000

PI: Krish Jayachandran
 Environmental Studies
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 74,276

PI: Joan Wynne
 Department of Educational Leadership and Policy
AWARDING SPONSOR: The Children's Trust
TITLE: *AP/YPP Mathematics Literacy Program* **AWARD:** \$ 71,002

PI: Kathleen S. Rein
 Chemistry
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 70,000

PI: Yong Cai
 Southeast Environmental Research Center
AWARDING SPONSOR: National Institutes of Health
TITLE: *Environmental Health Science at Florida International University* **AWARD:** \$ 70,000

PI: Luther Brewster
 Health Promotion and Disease Prevention
AWARDING SPONSOR: Florida Department of Health
TITLE: *Miami-Dade Drowning Prevention Campaign 2006-2007* **AWARD:** \$ 69,999

PI: Malek Adjouadi
 Electrical and Computer Engineering
AWARDING SPONSOR: FIU Foundation
TITLE: *The Ware Foundation Research Endowment* **AWARD:** \$ 67,000

PI: Amy Paul-Ward
 Occupational Therapy
AWARDING SPONSOR: Health Resources and Services Administration
TITLE: *SDS Program 2007-2008: Occupational Therapy* **AWARD:** \$ 61,874

PI: Luz Porter
 School of Nursing
AWARDING SPONSOR: Health Resources and Services Administration
TITLE: *Advanced Education Nursing Traineeship* **AWARD:** \$ 58,987

PI: Tao Li
 School of Computing and Information Sciences
AWARDING SPONSOR: National Science Foundation
TITLE: *CAREER: Data-Driven Problem Determination for System Management* **AWARD:** \$ 55,210

PI: Sylvia Smith
 Biological Sciences
AWARDING SPONSOR: National Institute of General Medical Sciences
TITLE: *2007-2008 MBRS Research Initiative for Scientific Enhancement* **AWARD:** \$ 53,983

PI: Lidia V. Tuttle
 Undergraduate Studies
AWARDING SPONSOR: University of South Florida
TITLE: *ENLACE Florida* **AWARD:** \$ 53,500

PI: Miroslav Gantar
 Southeast Environmental Research Center
AWARDING SPONSOR: National Institute of Environmental Health Sciences
TITLE: *Zebrafish Embryos as a Model for Cyanobacterial Toxins* **AWARD:** \$ 51,698

PI: Charles Bigger
 Biological Sciences
AWARDING SPONSOR: National Institute of Health
TITLE: *MBRS Support of Continuous Research Excellence at FIU* **AWARD:** \$ 50,766

PI: Keqi Zhang
 International Hurricane Research Center
AWARDING SPONSOR: United States Fish & Wildlife Service
TITLE: *Lower Florida Keys LIDAR Survey* **AWARD:** \$ 50,000