

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

---

Florida International University researchers were awarded **\$3,653,064** in July 2008. Listed below is a summary of awards received for *\$20,000 or more* during the month of July.

**PI:** Robert M. Malow  
Public Health  
**AWARDING SPONSOR:** National Institute on Alcohol Abuse and Alcoholism  
**TITLE:** *Intervening with HIV+ Alcohol Abusers: Influence of Neuro-Behavioral Factors* **AWARD:** \$ 627,063

**PI:** Wendy K. Silverman  
Psychology  
**AWARDING SPONSOR:** National Institute of Mental Health  
**TITLE:** *Parental Mediation of Child Anxiety CBT Outcome* **AWARD:** \$ 590,344

**PI:** Yi Deng  
School of Computing and Information Sciences  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *PIRE: A Global Living Laboratory for Cyberinfrastructure Application Enablement* **AWARD:** \$ 462,216

**PI:** Chunlei Wang  
Mechanical and Materials Engineering  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *MRI: Acquisition of Nanoimprinting System for Research And Education* **AWARD:** \$ 397,592

**PI:** Steven Oberbauer  
Biological Sciences  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** *Collaborative Research: Cold-season Gas Exchange of Arctic Plans – Resolving Winter Carbon and Water Balances of Alaskan Arctic Tundra* **AWARD:** \$ 255,538

**PI:** Gail Gregg  
Department of Curriculum and Instruction  
**AWARDING SPONSOR:** Miami-Dade County Child Development Services Bureau  
**TITLE:** *Screening Assessment Analysis (SAA) Project* **AWARD:** \$ 204,602

**PI:** Stanislaw Wnuk  
Chemistry  
**AWARDING SPONSOR:** National Cancer Institute  
**TITLE:** *Nucleoside and Carbohydrate-based Enzyme Inhibitors* **AWARD:** \$ 169,100

<b>PI:</b> Barbara Thomlison School of Social Work <b>AWARDING SPONSOR:</b> Florida Atlantic University <b>TITLE:</b> <i>Title IV-E child Welfare Education Program</i>	<b>AWARD:</b> \$ 137,830
<b>PI:</b> Xudong He School of Computing and Information Sciences <b>AWARDING SPONSOR:</b> Department of Education <b>TITLE:</b> <i>GAANN Fellowships in Computer Science at Florida International University</i>	<b>AWARD:</b> \$ 128,628
<b>PI:</b> Yifu Zhu Physics <b>AWARDING SPONSOR:</b> National Science Foundation <b>TITLE:</b> <i>Manipulating Photon-Atom Interactions with Atomic Coherence and Interference</i>	<b>AWARD:</b> \$ 100,000
<b>PI:</b> Wei-Chiang Lin Biomedical Engineering <b>AWARDING SPONSOR:</b> American Heart Association <b>TITLE:</b> <i>In Vivo Differentiation of Normal, Stunned, Hibernating and Scarred Myocardium Using Optical Spectroscopy</i>	<b>AWARD:</b> \$ 86,433
<b>PI:</b> Kevin O'Shea Chemistry <b>AWARDING SPONSOR:</b> University of Cincinnati <b>TITLE:</b> <i>Monitoring Photochemical Fate and Degradation of Cyanotoxins Estuaries by UV and Solar Tech</i>	<b>AWARD:</b> \$ 63,828
<b>PI:</b> Bruce Douglas International Hurricane Research Center <b>AWARDING SPONSOR:</b> National Aeronautics & Space Administration <b>TITLE:</b> <i>Global Sea Level in a Changing Environment – 20<sup>th</sup> Century Sea Level Rise</i>	<b>AWARD:</b> \$ 63,400
<b>PI:</b> Richard Beaulaurier School of Social Work <b>AWARDING SPONSOR:</b> Gerontological Society of America <b>TITLE:</b> <i>HIV/AIDS and Older Latinos, Provider Perspectives</i>	<b>AWARD:</b> \$ 50,000
<b>PI:</b> Gustavo Roig Center for Diversity in Engineering & Computing <b>AWARDING SPONSOR:</b> The Children's Trust <b>TITLE:</b> <i>ENLACE/MIAMI – The Children's Trust</i>	<b>AWARD:</b> \$ 47,509

<b>PI:</b> Bruce Nissen Center for Labor Research and Studies <b>AWARDING SPONSOR:</b> University of Oregon <b>TITLE:</b> <i>Diffusion of Ergonomic Innovations</i>	<b>AWARD:</b> \$ 40,000
<b>PI:</b> George Dulikravich Mechanical and Materials Engineering <b>AWARDING SPONSOR:</b> Touchstone Research Laboratory, Ltd. <b>TITLE:</b> <i>Multi-Objective Optimization and Inverse Design of Corrosion Resistant Aluminum Alloys</i>	<b>AWARD:</b> \$ 35,000
<b>PI:</b> Maria Ilcheva Metropolitan Center <b>AWARDING SPONSOR:</b> Miami-Dade County Community Action Agency <b>TITLE:</b> <i>Comprehensive Needs Assessment</i>	<b>AWARD:</b> \$ 30,000
<b>PI:</b> Monica Tremblay Decision Sciences and Information Systems <b>AWARDING SPONSOR:</b> James A. Haley Veterans' Hospital <b>TITLE:</b> <i>Using Knowledge Discovery to Identify Fall Related Injuries / Using Text Mining for PTSD/TBI</i>	<b>AWARD:</b> \$ 28,900
<b>PI:</b> W. Kinzy Jones Mechanical and Materials Engineering <b>AWARDING SPONSOR:</b> Sandia National Laboratories <b>TITLE:</b> <i>Development of New Low Temperature Cofire Ceramic Technology</i>	<b>AWARD:</b> \$ 25,000