

6-2015

ORED Communicator - June 2015

Office of Economic Research and Development, Florida International University

Follow this and additional works at: https://digitalcommons.fiu.edu/research_newsletter

Recommended Citation

Office of Economic Research and Development, Florida International University, "ORED Communicator - June 2015" (2015). *Office of Research and Economic Development Newsletters*. 23.
https://digitalcommons.fiu.edu/research_newsletter/23

This work is brought to you for free and open access by the Office of Research and Economic Development at FIU Digital Commons. It has been accepted for inclusion in Office of Research and Economic Development Newsletters by an authorized administrator of FIU Digital Commons. For more information, please contact dcc@fiu.edu.

**June 2015
Issue**

Upcoming Events
(page 2)

Awards April 2015
(page 2)

Limited Submissions
(page 8)

**Funding
Opportunities**
(Excel file attached)

FIU co-sponsors the Urban Affairs Association Annual Meeting

The 45th Annual Meeting of the Urban Affairs Association (UAA) took place at the Intercontinental Hotel in downtown Miami in April. As local host to the conference, FIU faculty were part of a committee that had significant input in its content, planning and organizing. The committee was chaired by Nicole Ruggiano (Social Work) and included Jean-Claude Garcia-Zamor (Public Administration) and Malik Benjamin (Architecture). The theme of this year's conference was *Transnationalism from Above and Below: The Dynamics of Place-making in the Global City*.

Faculty from the Robert Stempel College of Public Health and Social Work, the Herbert Wertheim College of Medicine, the Nicole Wertheim College of Nursing and Health Sciences, the Department of Biomedical Engineering, and the Center for Children and Families sponsored a special conference track on Urban Health, which included a myriad of presentations focusing on health issues within urban environments across the globe. FIU's Office of Research and Economic Development (ORED), the Center for Research on U.S. Latino HIV/AIDS and Drug Abuse (CRUSADA), and the Latin American and Caribbean Center (LACC) also sponsored conference activities. Collectively, the University sponsorships provided registration waivers for 20 students who were presenting at the conference. More than 45 paper, poster, and panel presentations were given by FIU faculty and students, focusing mainly on the research conducted in the local community.



Local Host Committee members: Nicole Ruggiano and Jean-Claude Garcia-Zamor

At the opening reception, the UAA executive staff presented FIU President Mark Rosenberg with a plaque acknowledging the organization's appreciation of FIU's overwhelming support for the conference. They indicated

that FIU's participation in the 2015 conference was greater than any other local institution in the history of the UAA.



From left to right: Margaret Wilder, Executive Director of UAA; Mario de la Rosa, CRUSADA director; Mark B. Rosenberg, FIU President, and Michael Lee Owens, UAA Board Chairman, Emory University

During a Special Colloquy on the last day of the conference, Bruce Nissen, director of research at FIU's Center for Labor Research and Studies, received the UAA-Sage Marilyn J. Gittell Activist Scholar Award, and Joan Wynne from the College of Education was recognized with an honorable mention for the same award.

Before and after the conference, attendees had ample opportunity to learn more about Miami through a series of educational excursions planned and guided by FIU faculty. Ned Murray (Metropolitan Center) and Jean-Claude Garcia-Zamor led an outing highlighting gentrification in Midtown and Wynwood. Dr. Murray also hosted a tour focusing on rental housing preservation in Miami Beach. Roberto Rovira (Landscape Architecture + Environmental and Urban Design [LA+EUD]) organized a tour to view landscape architecture in Miami and Miami Beach. A tour of urban water management issues in relationship to the Everglades was planned by Leonard Scinto from FIU's Southeast Environmental Research Center. Finally, Valerie Patterson (Department of Public Administration) organized an outing featuring issues of revitalization in Overtown.

FIU faculty and students who presented at the conference are encouraged to apply for the 2015 Best Conference Paper Award, which will be presented at the 2016 Conference in San Diego. To be considered, papers must be submitted on the *Journal of Urban Affairs*' manuscript submission website by July 15, 2015 at <https://mc.manuscriptcentral.com/juaf>

Upcoming Events

June 2015

- **June 11, 12 to 1 pm**, AHC 1 #110, [“Community Workshop: Understanding Autism and How Early Intervention Can Help”](#)
- **June 11, 6 to 7 pm**, AHC 1 #110, [“Community Workshop: Understanding Autism and How Early Intervention Can Help”](#)
- **June 21 through June 23**, BBC, [“LAJSA XVII: International Research Conference of the Latin American Jewish Studies Association”](#)

Awards Received—April 2015

FIU researchers were awarded \$7,029,555 in April 2015. Below is a listing of awards received:

PI: Priyanka Alluri

CIVIL AND ENVIRON ENGINEERING

Award Action Type: Initial

AWARDING SPONSOR: Florida Department of Transportation

TITLE: Quantifying the Accuracy of the Enhanced Interchange Safety Analysis **AWARD:** \$ 75,000

PI: Jose R Almirall

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: National Science Foundation

TITLE: Planning Grant: I/UCRC for Center of Forensic Science Research at FIU **AWARD:** \$ 11,500

PI: Jose R Almirall

CHEMISTRY

Award Action Type: Initial

AWARDING SPONSOR: National Science Foundation

TITLE: Planning Grant: I/UCRC for Center of Forensic Science Research at FIU **AWARD:** \$ 4,350

PI: Benjamin C Amick III

HEALTH POLICY AND MGMT

Award Action Type: Continuation

AWARDING SPONSOR: Institute for Work & Health

TITLE: IWH Professional Services Contract **AWARD:** \$ 83,883

PI: Atorod Azizinamini

CIVIL AND ENVIRON ENGINEERING

Award Action Type: Increase

AWARDING SPONSOR: U.S. Department of Transportation

TITLE: Tier 1 University Transportation Center U.S. DOT Strategic Goal **AWARD:** \$ 1,402,200

PI: Michael Erie Bienvenu

CIVIL AND ENVIRON ENGINEERING

Award Action Type: Initial

AWARDING SPONSOR: Miami-Dade Expressway Authority

TITLE: Development of Life-Cycle Assessment (LCA) and Life-Cycle Cost **AWARD:** \$ 109,766

PI: Alexander D Casas UNIVERSITY POLICE Award Action Type: Increase AWARDING SPONSOR: National Oceanic and Atmospheric Admin TITLE: Guard Services for the National Hurricane Center	AWARD: \$ 288,085
PI: Jessy G Devieux HEALTH PROMO AND DISEASE PREV Award Action Type: Increase AWARDING SPONSOR: Alcohol Abuse and Alcoholism TITLE: Intervening with HIV+ Alcohol Abusers:	AWARD: \$ 612
PI: Jessy G Devieux HEALTH PROMO AND DISEASE PREV Award Action Type: Continuation AWARDING SPONSOR: Brigham and Women's Hospital TITLE: Same-Day HIV Testing and Treatment Initiation to Improve	AWARD: \$ 52,953
PI: Jessy G Devieux HEALTH PROMO AND DISEASE PREV Award Action Type: Continuation AWARDING SPONSOR: National Institute of Mental Health TITLE: Measurement-based Care for Depression in Resource-Poor Settings	AWARD: \$ 193,388
PI: James Fourqurean BIOLOGY Award Action Type: Increase AWARDING SPONSOR: National Aeronautics & Space Administrat TITLE: Aquarius Reef Base: NEEMO_XX_NASA	AWARD: \$ 121,500
PI: Evelyn Gaiser SOUTHEAST ENV RESEARCH CTR Award Action Type: Continuation AWARDING SPONSOR: U.S. Army TITLE: The Effects of Wet Season Hydrology Patterns on Prey Populations	AWARD: \$ 116,536
PI: Lei Guo PHYSICS Award Action Type: Increase AWARDING SPONSOR: Jefferson Lab TITLE: Hadron Spectroscopy at Jefferson Lab	AWARD: \$ 8,955
PI: Ismail Guvenc ELEC AND COMPUTER ENG Award Action Type: Increase AWARDING SPONSOR: National Science Foundation TITLE: EARS: Collaborative Research: Pervasive Spectrum Sharing for	AWARD: \$ 16,000
PI: Ismail Guvenc ELEC AND COMPUTER ENG Award Action Type: Initial AWARDING SPONSOR: National Science Foundation TITLE: CAREER: Towards Broadband and UAV-Assisted Heterogeneous	AWARD: \$ 90,046

PI: Xudong He
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: Alabama A&M University
TITLE: An Adaptive Evolutionary Computing Based Runtime Checker **AWARD:** \$ 117,766

PI: Rosemary Hickey
EARTH AND ENVIRONMENT
Award Action Type: Increase
AWARDING SPONSOR: Consortium For Ocean Leadership
TITLE: Participation in IODP Expedition 351 **AWARD:** \$ 11,815

PI: Julio E Ibarra
CIARA
Award Action Type: Increase
AWARDING SPONSOR: Assoc of Univs for Rsrch in Astronomy
TITLE: Large Synoptic Survey Telescope (LSST) **AWARD:** \$ 454,310

PI: Julio E Ibarra
CIARA
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: IRNC: RXP: AtlanticWave-SDX: a distributed intercontinental **AWARD:** \$ 748,811

PI: Maria Ilcheva
METROPOLITAN CENTER
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Information Technology
TITLE: MDC Information Technology Department Employee Survey **AWARD:** \$ 14,410

PI: Sakhrat Khizroev
ELEC AND COMPUTER ENG
Award Action Type: Continuation
AWARDING SPONSOR: University of California Berkeley
TITLE: Physics of Spin Switching in Sub-10-nm Spin-transfer-torque Magnetic **AWARD:** \$ 62,000

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Energy
TITLE: Florida International University's Continued Research Support for **AWARD:** \$ 145,625

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Energy
TITLE: Florida International University's Continued Research Support **AWARD:** \$ 145,625

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Energy
TITLE: Florida International University's Continued Research Support **AWARD:** \$ 145,625

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: U.S. Department of Energy
TITLE: Florida International University's Continued Research Support **AWARD: \$** 363,125

PI: Leonel E Lagos
ARC APPLIED RESEARCH CENTER
Award Action Type: Initial
AWARDING SPONSOR: Scientific Research Corporation
TITLE: Cyber Space Technology Research and STEM Development for **AWARD: \$** 35,000

PI: Angela Marie Richmond Laird
PHYSICS
Award Action Type: Initial
AWARDING SPONSOR: UT Health Science Center San Antonio
TITLE: Meta-Analysis in Human Brain Mapping **AWARD: \$** 27,794

PI: Grover L Larkins
ELEC AND COMPUTER ENG
Award Action Type: Initial
AWARDING SPONSOR: Air Force Office of Scientific Research
TITLE: Potentially Useful and Novel Properties of Doped 2-Dimensional Materials **AWARD: \$** 150,000

PI: Christine Lisetti
COMPUTER INFO SCIENCES
Award Action Type: Increase
AWARDING SPONSOR: National Science Foundation
TITLE: CHS: Small: Advanced Design Principles for Computer Simulated Agents **AWARD: \$** 16,000

PI: Debra Lundy
SCH OF HOSP AND TOURISM MGMT
Award Action Type: Initial
AWARDING SPONSOR: Miami-Dade County Cultural Affairs
TITLE: 2015 Annual Fun & Fit as a Family **AWARD: \$** 15,750

PI: Lindsay Malloy
CENTER FOR CHILDREN AND FAM
Award Action Type: Continuation
AWARDING SPONSOR: Child Health and Human Development
TITLE: Episodic memory and suggestibility in children with ADHD **AWARD: \$** 67,626

PI: Pete Markowitz
PHYSICS
Award Action Type: Increase
AWARDING SPONSOR: Princeton University
TITLE: MOU Between Fermi National Lab and FIU **AWARD: \$** 40,015

PI: Kalai Mathee-Narasimhan
COM HUMAN AND MOL GENETICS
Award Action Type: Initial
AWARDING SPONSOR: University of Miami
TITLE: Alpha Trypsin Deficiency Lung Microbiome Project **AWARD: \$** 79,900

PI: Dwayne McDaniel ARC APPLIED RESEARCH CENTER Award Action Type: Initial AWARDING SPONSOR: Office of Naval Research TITLE: Development of a Novel Health Monitoring System for Adhesively	AWARD: \$ 57,573
PI: Dwayne McDaniel MECHANICAL AND MAT ENGINEERING Award Action Type: Initial AWARDING SPONSOR: Office of Naval Research TITLE: Development of a Novel Health Monitoring System for Adhesively	AWARD: \$ 63,525
PI: Dwayne McDaniel ELEC AND COMPUTER ENG Award Action Type: Initial AWARDING SPONSOR: Office of Naval Research TITLE: Development of a Novel Health Monitoring System for Adhesively	AWARD: \$ 53,132
PI: Edward P Murray METROPOLITAN CENTER Award Action Type: Initial AWARDING SPONSOR: City of Fort Lauderdale TITLE: City of Fort Lauderdale Affordable Housing and Economic Analysis	AWARD: \$ 65,500
PI: Madhavan P Nair COM IMMUNOLOGY Award Action Type: Continuation AWARDING SPONSOR: National Institutes of Health TITLE: Cocaine in the Neuropathogenesis of HIV infection: Role of HDAC-2	AWARD: \$ 360,337
PI: Mark Padilla LATIN AMERICAN AND CARIB CTR Award Action Type: Continuation AWARDING SPONSOR: University of Puerto Rico TITLE: Physicians and Health Related Services for Male-to-Female Transgender	AWARD: \$ 9,000
PI: Nezh P Pala ELEC AND COMPUTER ENG Award Action Type: Initial AWARDING SPONSOR: University of Central Florida TITLE: Visible Light Communication for Wireless Internet Connection	AWARD: \$ 500
PI: Raju Rangaswami COMPUTER INFO SCIENCES Award Action Type: Initial AWARDING SPONSOR: University of South Florida TITLE: Collaborative Cybersecurity Research at Florida SUS Institutions	AWARD: \$ 20,000
PI: Jennifer Rehage SOUTHEAST ENV RESEARCH CTR Award Action Type: Initial AWARDING SPONSOR: U.S. Army Corps of Engineers TITLE: Role of Marsh-Mangrove Interface Habitats as Aquatic Refuges	AWARD: \$ 80,275

PI: Naphtali D Rishe
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: National Science Foundation
TITLE: Big Geospatial Data for Decision Support in Ebola Triage **AWARD: \$** 100,000

PI: Tonette S Rocco
COE LEADERSHIP AND PROF STU
Award Action Type: Initial
AWARDING SPONSOR: National Academic Advising Association
TITLE: Leaders' Perception of the Professionalization of Academic Advising **AWARD: \$** 600

PI: Seyedmasoud Sadjadi
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: Georgia Institute of Technology
TITLE: VIP Program at Florida International University **AWARD: \$** 65,614

PI: Geoffrey S Smith
COMPUTER INFO SCIENCES
Award Action Type: Initial
AWARDING SPONSOR: University of South Florida
TITLE: Collaborative Cybersecurity Research at Florida SUS Institutions **AWARD: \$** 25,000

PI: Teresa C Stanton
LAW LIBRARY
Award Action Type: Initial
AWARDING SPONSOR: National Endowment for the Humanities
TITLE: Florida International University (FIU) College of Law Library **AWARD: \$** 5,999

PI: Matthew T Sutherland
PSYCHOLOGY
Award Action Type: Continuation
AWARDING SPONSOR: National Institutes of Health
TITLE: Impact of HIV and cannabis on brain function: Regions, networks **AWARD: \$** 164,886

PI: Sabri Tosunoglu
MECHANICAL AND MAT ENGINEERING
Award Action Type: Initial
AWARDING SPONSOR: TYB LLC
TITLE: Remote Ophthalmology Robotic Device Prototype **AWARD: \$** 50,815

PI: Mary Jo Trepka
EPIDEMIOLOGY
Award Action Type: Continuation
AWARDING SPONSOR: Minority Health and Health Disparities
TITLE: Retrospective cohort study of racial disparities in HIV survival, Florida **AWARD: \$** 361,729

PI: Joel Trexler
SOUTHEAST ENV RESEARCH CTR
Award Action Type: Continuation
AWARDING SPONSOR: U.S. Army
TITLE: The Effects of Wet Season Hydrology Patterns on Prey Populations **AWARD: \$** 209,019

PI: Tiffany Troxler

SOUTHEAST ENV RESEARCH CTR

Award Action Type: Initial

AWARDING SPONSOR: U.S. Geological Survey

TITLE: Linking Satellite and Soil Data to Validate Coastal Wetland "Blue Carbon" **AWARD:** \$ 20,703

PI: Susan E Webster

OFFICE OF RSCH AND ECO DEVELOP

Award Action Type: Increase

AWARDING SPONSOR: IREX

TITLE: Young African Leaders Initiative (YALI) **AWARD:** \$ 45,000

PI: Mark L Williams

HEALTH POLICY AND MGMT

Award Action Type: Continuation

AWARDING SPONSOR: Univ of Texas Health Science Ctr Houston

TITLE: HIV risk and prevention venue affiliation among young **AWARD:** \$ 29,378

PI: Ming Zhao

COMPUTER INFO SCIENCES

Award Action Type: Initial

AWARDING SPONSOR: University of South Florida

TITLE: Vulnerability and Survivability of Cyberspace: Basic Science to Applications **AWARD:** \$ 25,000

Limited Submission Funding Opportunities

Below are limited submission opportunities with upcoming internal deadlines. Other limited submission funding opportunities are at <http://research.fiu.edu/funding/pages/limited-submissions.html>.

Agency	Program	Institutional Submission Limits	Internal Deadline	Agency Deadline
NSF	Improving Undergraduate STEM Education: Pathways into Geoscience (NSF 15-526)	One per institution	6/14/2015	Prelim Proposal Deadline 8/14/2015
FL Dept. Health	Ed and Ethel Moore Alzheimer's Disease Research Program: Consortium Grant *	Institution may be lead on only one consortium grant application.	6/19/2015	Agency LOI/Prelim Deadline: on or around 7/10/2015
FL Dept. Health	Ed and Ethel Moore Alzheimer's Disease Research Program: Standard Grant *	Only four standard grant applications per institution; only two applications may be submitted within the same research priority	6/19/2015	Agency LOI/Prelim Deadline: on or around 7/10/2015
FL Dept. Health	Ed and Ethel Moore Alzheimer's Disease Research Program: Pilot Grant *	Only two pilot grant applications per institution. Additional limitation is that the two applications must not be within the same research priority	06/19/2015	Agency LOI/Prelim Deadline: on or around 7/10/2015
FL Dept. Health	Ed and Ethel Moore Alzheimer's Disease Research Program: Postdoctoral Research Fellowship Grant *	Only one patient-oriented fellowship application per institution.	6/19/2015	Agency LOI/Prelim Deadline: on or around 7/10/2015
NIH	Institutional Research and Academic Career Development Awards (IRACDA) (K12) (PAR-13-290)	One per institution	7/24/2015	9/24/2015

****This is an Advance Notice of Funding Opportunity and all dates are subject to change upon final release of opportunity by the Sponsor***

Funding Opportunities

The funding opportunities are in a separate excel file, which includes a filter for agency, date and opportunity number.

Contact ORED Senior Leadership

Name	Title	Email Address
Andrés G. Gil	Vice President for Research	Andres.gil@fiu.edu
Tonja Moore	Associate Vice President for Research Strategic Planning & Operations	Tonja.moore@fiu.edu
Luis P. Salas	Associate Vice President for Research	Luis.salas@fiu.edu
Mirtha Alberto	Director, Budget & Cost Analysis	Mirtha.alberto@fiu.edu
Henry Artigues	Director, Research Operations & External Partnerships	Henry.artigues@fiu.edu
David Driesbach	Assistant Vice President, Research Information Systems	David.driesbach1@fiu.edu
Christopher Grayson	Director, Research Integrity	Christopher.grayson@fiu.edu
C. Emily Gresham	Assistant Vice President, Innovation & Economic Development	Emily.gresham@fiu.edu
Robert Gutierrez	Assistant Vice President and Director, Pre-Award	Robert.gutierrez@fiu.edu
Pedro Hernández	Director, Technology Management & Commercialization	Pedro.hernandez7@fiu.edu
Maureen Pelham	Director, Research Development	Maure.pelham@fiu.edu
Aida Reus	Director, Post-Award	Aida.reus@fiu.edu
Horatiu Vinerean	Director, Laboratory Animal Research ; Attending Veterinarian	Horatiu.vinerean@fiu.edu
Susan Webster	Director, Training & International Research Initiatives	Susan.webster@fiu.edu



OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT
 11200 SW 8th Street
 MARC 430
 Miami, FL 33199
<http://research.fiu.edu>