4-1-2017

ORED Communicator - April 2017

Office of Research and Economic Development, Florida International University

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

Recommended Citation
http://digitalcommons.fiu.edu/research_newsletter/43

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.
FIU’s Center for Leadership has again been named as the recipient of two prestigious awards by Leadership Excellence Essentials magazine, a publication of HR.com. The announcement was made February 8, 2017, at the awards dinner of the two-day LEAD2017 Conference held this year in Nashville and also sponsored by HR.com.

The Center for Leadership’s custom leadership development program for Miami-Dade County Public School Principals ranked #1 in the custom program category. This annual year-long program, first launched in 2010 with the support of a $4 million endowment made possible by the John S. and James L. Knight Foundation, leverages the Center’s leadership research as well as best practices from business practitioners for its design. In 2015-2016 alone, more than 160 leaders from Miami-Dade County Public Schools participated in this or one of other Center programs.

FIU placed ahead of Cornell (#4), Wharton (#7), Vanderbilt (#8), Stanford (#9) and Harvard (#10) in the Open Enrollment Programs category. Only Carnegie Mellon (#1) placed ahead of FIU (#2).

About the Center for Leadership’s Leadership Development Programs

The Center’s executive leadership development programs are based on the Leadership Competency Builder© (LCB). The LCB was designed to help business leaders with their strategic goals by identifying critical leadership competencies needed to position their organizations for sustained future success. Dr. Nathan J. Hiller, Associate Professor in the College of Business’ Department of Management and International Business, serves as the Center’s Academic Director and oversees the research and academic content of all Center programs. Dr. Hiller led the research team which first developed the Center’s LCB in 2006, and also oversaw the model’s comprehensive update in spring of 2016.

In the 2015-2016 academic year, more than 400 professionals from 87 organizations attended one of the Center’s three annual open enrollment programs or company-specific custom programs. In the 10 year existence of the Center for Leadership, they have developed key partnerships with major organizations that leverage the Center’s programs for inclusion to their own internal leadership development initiatives. Major corporations such as Baxter Pharmaceuticals, Baptist Health, Ryder, Daikin Applied, Sunshine Health, BankUnited, Walmart Latin America, and the United States Southern Command send multiple participants each year to Center programs. Additionally, more than 60 FIU executives and administrators have participated in the Center’s executive programs, giving FIU professionals a particularly unique opportunity to engage with corporate decision-makers from all around the world.

To learn more about the Center for Leadership and their programs, visit lead.fiu.edu.
Upcoming Events

April
- April 4, 7:30 to 8:30 pm, WPAC, A Sea of Change, a multi-disciplinary collaboration presentation in response to a global threat
- April 7, 12 to 1 pm, AHC 1 #110, Leveraging People, Places and Products to Increase Access to Evidence-based Parenting Interventions, presented by Anil Chacko.
- April 7, 2 to 3 pm, ESC 241, Procedural and Analytic Tools for the Development and Evaluation of Game Environments, presented by Magy Seif El-Nasar
- April 7, 7:30 to 8:30 pm, Wolfe Theatre at BBC, A Sea of Change, a multi-disciplinary collaboration presentation in response to a global threat
- April 11, 11 am to 12 noon, WC 130, lecture presented by Goodwin Biotechnology
- April 11, 12 to 2 pm, AHC 1#110, Autism and Joint Attention: Clinical and Neuroscience Implications across the Life Span, presented by Peter Mundy.
- April 12, 10 to 11 am, Naples Botanical Garden, Eating Plants to Save Them, presented by FIU’s Center for Tropical Botany
- April 14, 2 to 3 pm, ECS 241, Terahertz Systems-On-Chip Based on Nanotechnologies, presented by Frank Chang
- April 21, 11 am to 12 noon, PG5 #153, New Developments in Mass Spectrometry-based Metabolomics, presented by Facundo Fernandez

Awards Received—February 2017

FIU researchers were awarded $4,485,475 in February 2017. Below is a listing of awards received.

Anna H Wachnicka Kosiorek
College of Arts, Sciences & Education SERC
University of Miami
Initial
Monitoring and Prediction of Phytoplankton Dynamics in Biscayne Bay… $29,924

Arif Selcuk Uluagac
College of Engineering and Computing
Electrical & Computer Engineering
National Science Foundation
Initial
Collaborative Research: SuRPASS: NSF SFS Unique Scholarship Program $795,430

Carlos Arturo Espinal Tejada
College of Public Health Social Work
Health Promo and Disease Prev
FIU Foundation
Initial
Antimicrobial Stewardship for Latin America and the Caribbean Region $242,500

Cheng-Tin Gan
College of Engineering and Computing
Civil and Environ Engineering
City of Doral
Increase
Transportation Engineering Technical and Research Support Services $1,742

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Cheng-Tin Gan  
College of Engineering and Computing  
Civil and Environ Engineering  
Florida Department of Transportation  
Initial  
Technical and Research Support for ITS and Traffic Engineering Projects (LOA #16) $47,000

Chengxian Lin  
College of Engineering and Computing  
Mechanical and Mat Engineering  
Alfa Laval Inc  
Initial  
Computational Fluid Dynamics (CFD) Analysis of Industrial Heat Exchangers $1,000

Debra Lundy  
Hospitality and Tourism Management  
Sch of Hosp and Tourism Mgmt  
Miami Beach Visitor & Convention Authori  
Initial  
2017 Annual South Beach Wine & Food Festival (MBVCA) $68,000

Demian D Chapman  
College of Arts, Sciences & Education  
Biology  
Paul G. Allen Family Foundation  
Initial  
Fin DNA Toolkit project $282,000

Diana Montserrat Sheehan Delgado  
College of Public Health Social Work  
Epidemiology  
HIV Prevention Trials Network  
Initial  
Perceived network sexual norms and HIV sexual risk behavior among $5,860

Elizabeth Anderson  
College of Arts, Sciences & Education  
SEAS  
National Geographic Society  
Initial  
Introduced Hippos in Colombia: Consequences for Human and Natural Systems $14,870

Eric Wagner  
College of Public Health Social Work  
School of Social Work  
University of California San Diego  
Increase  
Facilitating Self-Change for Adolescent Alcohol Problems $10,000

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Evelyn E Gaiser
College of Arts, Sciences & Education
SEAS
North Carolina State University
Initial
From Arboreal to Benthic Communities: the ABCs of Land to Ocean Biodiversity Observations $23,479

Heather Bracken-Grissom
College of Arts, Sciences & Education
Biology
National Science Foundation
Increase
Collaborative Research: The evolution of bioluminescence and light $12,500

Heather Bracken-Grissom
College of Arts, Sciences & Education
Biology
National Science Foundation
Initial
DISSERTATION RESEARCH: Phylogenetic, transcriptomic, and epigenetic $18,756

Jay Sah
College of Arts, Sciences & Education SERC
U.S. Army Corps of Engineers
Initial
Evaluation of Vegetation Response to Changes in Hydrologic Parameters $125,000

Jay Sah
College of Arts, Sciences & Education
SERC
National Park Service
Initial
Simulation of vegetation dynamics in the Marl prairie landscape $162,750

Jose Miguel Cruz
Steven J. Green School of International & Public Affairs
Latin American and Carib Ctr
CACI International Inc
Increase
CERDEC Flight Activity (CFA) System Engineering Support $20,596

Julio E Ibarra
Academic Affairs - Other Units
CIARA
National Science Foundation
Initial
GENI Conference 25 $49,999

Lei Guo
College of Arts, Sciences & Education
Physics
Jefferson Lab
Initial
Graduate student support for William Phelps $9,386
Leonel Lagos  
Academic Affairs - Other Units--ARC  
University of Texas at Austin  
Initial  
Robust and Remote Radiation Hardened Robotic System for Tunnel Inspection  
$48,000

Mahadev Bhat  
College of Arts, Sciences & Education  
Earth and Environment  
U.S. Department of Agriculture  
Initial  
2017 Cochran Fellowship Program for Marketing of Agricultural Produce Moldova  
$63,119

Mark Padilla  
Steven J. Green School of International & Public Affairs  
Global and Sociocultural Stu  
National Institutes of Health  
Supplemental  
Migration, Tourism and the HIV-drug use Syndemic in the Dominican Republic  
$50,159

Michael Cheng  
Hospitality and Tourism Management  
Sch of Hosp and Tourism Mgmt  
American Sugar Refining Inc  
Initial  
Value Chain Analysis 2017 ASR Inc.  
$8,425

Michael Heithaus  
College of Arts, Sciences & Education  
Paul G. Allen Family Foundation  
Increase  
THE GLOBAL FIN-PRINT: a worldwide underwater video survey of shark  
$90,000

Naphtali Rishe  
College of Engineering and Computing  
Computer Info Sciences  
National Science Foundation  
Increase  
III. Large: Collaborative Research: Moving Objects Databases for Exploration  
$16,000

Nezih Pala  
College of Engineering and Computing  
Elec and Computer Eng  
University of Utah  
Increase  
3D Simulation of THz Plasmonic Structures  
$25,342

Nikolaos Tsoukias  
College of Engineering and Computing  
Biomedical Engineering  
University of Vermont  
Initial  
Capillary control of cerebral blood flow, and its disruption in small vessel disease  
$29,000

For updates, corrections, suggestions, and/or general comments, please email Mercedes.rodriguez@fiu.edu
Norman D Munroe
College of Engineering and Computing
Mechanical and Mat Engineering
Florida Agricultural and Mechanical Univ
Increase
Florida Georgia Louis Stokes for Minority Participation (FGLSAMP) $48,000

Ping Zhu
College of Arts, Sciences & Education
Earth and Environment
University of Miami
Continuation
CARTHE II - Consortium for Advanced Research on Transport of Hydrocarbon $70,869

Priyanka Alluri
College of Engineering and Computing
Civil and Environ Engineering
Florida Department of Transportation
Initial
Use of Communication Technologies to Enhance Public Involvement $24,000

Ranu Jung
College of Engineering and Computing
Engineering Deans Office
U.S. DOD/Defense Advanced Research Proj
Initial
Restoring Sensation with a Neural-Enabled Prosthetic Hand System for Home $1,275,731

Ranu Jung
College of Engineering and Computing
Engineering Deans Office
George Washington University
Initial
A Naturalistic Investigation of Brain Neuroplasticity in Children Born Pre-Term $12,500

Sonja S Montas-Hunter
Academic Affairs - Other Units
Student Access and Success
Florida Department of Agriculture and Co
Continuation
Summer Food Summer Program food services for low income and first gen $8,736

Sundararaj Sitharama Iyengar
College of Engineering and Computing
Computer Info Sciences
Army Research Office
Continuation
A game theoretic approach to self-configuring, non-cooperative mobile $191,543
Susan E Webster  
Academic Affairs - Other Units  
Office of Rsch and Eco Develop  
IREX  
Initial  
Mandela Washington Fellowship 2017 - Young African Leaders Initiative (YALI)  
$145,000

William E Pelham Jr  
College of Arts, Sciences & Education  
Psychology  
National Institute of Mental Health  
Continuation  
Examining Tolerance to CNS Stimulants in ADHD  
$458,259

Funding Opportunities
ORED has a new, improved and interactive webpage for funding opportunities. Please visit http://research.fiu.edu/funding/#current.

Limited Submissions
Current limited submission opportunities are available at http://research.fiu.edu/funding/limited-submissions/.
## Contact ORED Senior Leadership

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrés G. Gil</td>
<td>Vice President for Research &amp; Economic Development</td>
<td><a href="mailto:Andres.gil@fiu.edu">Andres.gil@fiu.edu</a></td>
</tr>
<tr>
<td>Tonja Moore</td>
<td>Associate Vice President, Strategic Planning &amp; Operations</td>
<td><a href="mailto:Tonja.moore@fiu.edu">Tonja.moore@fiu.edu</a></td>
</tr>
<tr>
<td>Luis P. Salas</td>
<td>Associate Vice President, International Research, Space Optimization and Compliance</td>
<td><a href="mailto:Luis.salas@fiu.edu">Luis.salas@fiu.edu</a></td>
</tr>
<tr>
<td>Mirtha Alberto</td>
<td>Director, Budget &amp; Cost Analysis</td>
<td><a href="mailto:Mirtha.alberto@fiu.edu">Mirtha.alberto@fiu.edu</a></td>
</tr>
<tr>
<td>Henry Artigues</td>
<td>Director, External Partnerships &amp; Economic Development</td>
<td><a href="mailto:Henry.artigues@fiu.edu">Henry.artigues@fiu.edu</a></td>
</tr>
<tr>
<td>David Driesbach</td>
<td>Assistant Vice President, Research Information Systems</td>
<td><a href="mailto:David.driesbach1@fiu.edu">David.driesbach1@fiu.edu</a></td>
</tr>
<tr>
<td>Christopher Grayson</td>
<td>Director, Research Integrity</td>
<td><a href="mailto:Christopher.grayson@fiu.edu">Christopher.grayson@fiu.edu</a></td>
</tr>
<tr>
<td>Emily Gresham</td>
<td>Assistant Vice President, Innovation &amp; Economic Development</td>
<td><a href="mailto:Emily.gresham@fiu.edu">Emily.gresham@fiu.edu</a></td>
</tr>
<tr>
<td>Robert Gutierrez</td>
<td>Assistant Vice President, Research Development &amp; Pre-Award</td>
<td><a href="mailto:Robert.gutierrez@fiu.edu">Robert.gutierrez@fiu.edu</a></td>
</tr>
<tr>
<td>Pedro Hernández</td>
<td>Director, Technology Management &amp; Commercialization</td>
<td><a href="mailto:Pedro.hernandez7@fiu.edu">Pedro.hernandez7@fiu.edu</a></td>
</tr>
<tr>
<td>Regnier Jurado</td>
<td>Director, Research Management Solutions</td>
<td><a href="mailto:Regnier.jurado@fiu.edu">Regnier.jurado@fiu.edu</a></td>
</tr>
<tr>
<td>Maureen Pelham</td>
<td>Director, Research Development</td>
<td><a href="mailto:Maureen.pelham@fiu.edu">Maureen.pelham@fiu.edu</a></td>
</tr>
<tr>
<td>Aida Reus</td>
<td>Director, Post-Award</td>
<td><a href="mailto:Aida.reus@fiu.edu">Aida.reus@fiu.edu</a></td>
</tr>
<tr>
<td>Horatiu Vinerean</td>
<td>Director, Laboratory Animal Research; Attending Veterinarian</td>
<td><a href="mailto:Horatiu.vinerean@fiu.edu">Horatiu.vinerean@fiu.edu</a></td>
</tr>
<tr>
<td>Susan Webster</td>
<td>Director, Training &amp; International Research Initiatives</td>
<td><a href="mailto:Susan.webster@fiu.edu">Susan.webster@fiu.edu</a></td>
</tr>
</tbody>
</table>

---

**OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT**  
11200 SW 8th Street—MARC 430  
Miami, FL 33199  
[http://research.fiu.edu](http://research.fiu.edu)

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)