

## Collaborating with your Tech Transfer Office

By Elizabeth Garami

March 2015  
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On February 11, the Technology Management and Commercialization (TMC) unit within ORED hosted a presentation on “*How to Collaborate with your Technology Transfer Office to Disclose your Idea to Maximize its Future Patent Protection.*”

Jeremy Protas and David Read, intellectual property attorneys and partners at Marshall, Gerstein & Borun, LLP, shared information on the different types of intellectual property, including patents, copyrights, trade secrets and trademarks. The presentation focused on patents as a means to protect technology. The speakers provided faculty and students with their perspectives and tips on preparing, filing and prosecuting patent applications. The presentation emphasized the role of the inventor as the technical expert in defining and describing the invention as well as preparing technical arguments to present to the patent office(s) during patent prosecution.

The session was well attended, with representatives from chemistry, biology, engineering, hospitality, medicine, and nursing. A Q&A session followed the presentation. Most questions from the audience centered on the type and scope of documentation that is needed for a patent application and the submission timing of the technology disclosure.



Participants also shared their experiences and suggestions. Their suggestions included: 1) contact TMC for intellectual property protection guidance prior to non-FIU presentations that feature technology that



may have commercial potential; 2) execute confidentiality agreements before discussing technology with a potential third party partner; 3) be aware that online publication of conference abstracts, theses, and scientific manuscripts that precede paper publications may affect patent filing; 4) thoroughly complete FIU’s intellectual property disclosure form and submit manuscripts, slide presentations, and other documentation to ensure that the invention is described in sufficient detail, and 5) realize that patent filing and prosecution is a collaborative effort among the inventors, TMC and the outside patent attorneys.

If your FIU laboratory developed a technology, or you are considering publishing or presenting this information for audiences outside of FIU, please submit an [Intellectual Property Disclosure Form](#) or contact the TMC unit at 305-348-2494.



|  |                          |
|--|--------------------------|
| <b>PI:</b> Arvind Agarwal<br><b>MECHANICAL AND MAT ENGINEERING</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> Clarkson Aerospace Corp<br><b>TITLE:</b> AFRL Collaboration Program - Materials and Manufacturing Research        | <b>AWARD: \$</b> 30,000  |
| <b>PI:</b> Benjamin C Amick III<br><b>HEALTH POLICY AND MGMT</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> Univ of Texas Health Science Ctr Houston<br><b>TITLE:</b> Services Agreement - New Year New You                     | <b>AWARD: \$</b> 47,942  |
| <b>PI:</b> Mahadev G Bhat<br><b>EARTH AND ENVIRONMENT</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> University of Miami<br><b>TITLE:</b> Pulley Ridge Fisheries Bio-economic Modeling Project                                  | <b>AWARD: \$</b> 68,552  |
| <b>PI:</b> Heather Denise Bracken-Grissom<br><b>BIOLOGY</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> Nova Southeastern University<br><b>TITLE:</b> Bioluminescence and Vision in the Deep-sea Benthos II                           | <b>AWARD: \$</b> 25,706  |
| <b>PI:</b> Heather Denise Bracken-Grissom<br><b>BIOLOGY</b><br><b>Award Action Type:</b> Pre-Award<br><b>AWARDING SPONSOR:</b> Nova Southeastern University<br><b>TITLE:</b> DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico                   | <b>AWARD: \$</b> 35,818  |
| <b>PI:</b> Henry O Briceno<br><b>SOUTHEAST ENV RESEARCH CTR</b><br><b>Award Action Type:</b> Increase<br><b>AWARDING SPONSOR:</b> National Science Foundation<br><b>TITLE:</b> LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research               | <b>AWARD: \$</b> 65,216  |
| <b>PI:</b> Henry O Briceno<br><b>SOUTHEAST ENV RESEARCH CTR</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> CH2M Hill<br><b>TITLE:</b> Design and implementation of dye-tracer injection test, Cudjoe Key                             | <b>AWARD: \$</b> 125,602 |
| <b>PI:</b> Fabian Cevallos<br><b>CIVIL AND ENVIRON ENGINEERING</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> Avail Technologies Inc<br><b>TITLE:</b> Technical Assistance to Avail with Uploading VOTRAN Stop                       | <b>AWARD: \$</b> 5,000   |
| <b>PI:</b> Jonathan S Comer<br><b>CENTER FOR CHILDREN AND FAM</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> National Institute of Mental Health<br><b>TITLE:</b> Evaluating the Feasibility of Internet-Delivered Parent-Child | <b>AWARD: \$</b> 160,210 |

**PI:** Evelyn E Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 102,733

**PI:** Evelyn E Gaiser  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 16,000

**PI:** Cheng-Tin Gan  
**CIVIL AND ENVIRON ENGINEERING**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Florida Department of Transportation  
**TITLE:** ITS research, computer, and miscellaneous support **AWARD:** \$ 150,000

**PI:** Stavros Georgakopoulos  
**ELEC AND COMPUTER ENG**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** U.S. Army  
**TITLE:** Antennas and Electromagnetics Instrumentation for Research and Education **AWARD:** \$ 498,085

**PI:** Lei Guo  
**PHYSICS**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Jefferson Lab  
**TITLE:** Hadron Spectroscopy at Jefferson Lab: Hadron Spectroscopy at Jeffers **AWARD:** \$ 5,970

**PI:** Lei Guo  
**PHYSICS**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** Jefferson Lab  
**TITLE:** Subproject: Hadron Spectroscopy at Jefferson Lab: Hadron Spectroscopy **AWARD:** \$ 5,000

**PI:** Jin He  
**PHYSICS**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** CAREER: Investigate 3D extracellular potential distribution **AWARD:** \$ 500,234

**PI:** Michael R Heithaus  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 68,141

**PI:** Rudolf Jaffe  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD:** \$ 72,892

**PI:** John Stephen Kominoski  
**SOUTHEAST ENV RESEARCH CTR**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Science Foundation  
**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD: \$** 70,356

**PI:** Leonel E Lagos  
**ARC APPLIED RESEARCH CENTER**  
**Award Action Type:** Supplemental  
**AWARDING SPONSOR:** Jacobs Engineering Group  
**TITLE:** Services pertaining development of program for Windamir Development **AWARD: \$** 8,267

**PI:** Valentina Bruk Lee  
**PSYCHOLOGY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of South Florida  
**TITLE:** Validating the Safety Silence Scale **AWARD: \$** 4,320

**PI:** Yuan Liu  
**CHEMISTRY**  
**Award Action Type:** Increase  
**AWARDING SPONSOR:** National Institutes of Health  
**TITLE:** Trinucleotide Repeat Instability via DNA Damage and Repair **AWARD: \$** 32,005

**PI:** Debra Lundy  
**SCH OF HOSP AND TOURISM MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs  
**TITLE:** 2015 FEST South Beach Wine and Food Festival **AWARD: \$** 77,481

**PI:** Debra Lundy  
**SCH OF HOSP AND TOURISM MGMT**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Miami Beach Visitor & Convention Authori  
**TITLE:** 2015 South Beach Wine & Food Festival **AWARD: \$** 50,000

**PI:** Amelia Maguire  
**COB DEANS OFFICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** University of West Florida  
**TITLE:** FSBDC at FIU **AWARD: \$** 115,751

**PI:** Amir Mirmiran  
**ENGINEERING DEANS OFFICE**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Infrastructure Innovation LLC  
**TITLE:** NCHRP12-101: Seismic Design of Bridge Columns with Improved **AWARD: \$** 5,375

**PI:** Joongho Moon  
**CHEMISTRY**  
**Award Action Type:** Initial  
**AWARDING SPONSOR:** Korea Evaluation Inst of Industrial Tech  
**TITLE:** Development of 35% lightweight CCB module for automotives **AWARD: \$** 45,788

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|---|--------------------------|
| <b>PI:</b> Maria Olenick<br><b>NURSING FEP BBC</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> U.S. Department of Veterans Affairs<br><b>TITLE:</b> VA Nursing Academic Partnership Program (VANAP)  | <b>AWARD:</b> \$ 280,645 |
| <b>PI:</b> Richard Olson<br><b>INTERNATIONAL HURRICANE CENTER</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> Florida Division of Emergency Management<br><b>TITLE:</b> Hurricane Loss Reduction for Housing in Florida FY 14-15           | <b>AWARD:</b> \$ 439,041 |
| <b>PI:</b> Richard Olson<br><b>INTERNATIONAL HURRICANE CENTER</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> Florida Division of Emergency Management<br><b>TITLE:</b> Hurricane Loss Reduction for Housing in Florida FY 14-15           | <b>AWARD:</b> \$ 260,959 |
| <b>PI:</b> William E Pelham Jr<br><b>CENTER FOR CHILDREN AND FAM</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> National Institutes of Health<br><b>TITLE:</b> Examining Tolerance to CNS Stimulants in ADHD                         | <b>AWARD:</b> \$ 652,494 |
| <b>PI:</b> Jeremy W Pettit<br><b>CENTER FOR CHILDREN AND FAM</b><br><b>Award Action Type:</b> Continuation<br><b>AWARDING SPONSOR:</b> National Institutes of Health<br><b>TITLE:</b> Attention Bias Modification Training in Child Anxiety CBT Non-responders  | <b>AWARD:</b> \$ 205,789 |
| <b>PI:</b> Rene M Price<br><b>SOUTHEAST ENV RESEARCH CTR</b><br><b>Award Action Type:</b> Increase<br><b>AWARDING SPONSOR:</b> National Science Foundation<br><b>TITLE:</b> LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research                       | <b>AWARD:</b> \$ 58,618  |
| <b>PI:</b> Jennifer Schopf Rehage<br><b>SOUTHEAST ENV RESEARCH CTR</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> South Florida Water Management District<br><b>TITLE:</b> Habitat Selection & Movement of Everglades Fishes              | <b>AWARD:</b> \$ 30,000  |
| <b>PI:</b> Douglas Lee Robertson<br><b>UNDERGRADUATE EDUCATION</b><br><b>Award Action Type:</b> Increase<br><b>AWARDING SPONSOR:</b> Association of Public & Land-Grant Univ<br><b>TITLE:</b> Transformational Planning Grant: University Transformation        | <b>AWARD:</b> \$ 50,000  |
| <b>PI:</b> Cristina Rodriguez Acosta<br><b>INST PUB MGMT &amp; COMM SERVICE</b><br><b>Award Action Type:</b> Initial<br><b>AWARDING SPONSOR:</b> Miami-Dade County Port of Miami<br><b>TITLE:</b> XXI Inter-American Conference of Mayors and Local Authorities | <b>AWARD:</b> \$ 50,357  |

**PI:** Mauricio Rodriguez-Lanetty

**BIOLOGY**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Science Foundation

**TITLE:** RAPID: A hyper-thermal anomaly in the Florida Reef Tract **AWARD: \$** 177,913

**PI:** Barry Philip Rosen

**COM CELL BIOLOGY AND PHARM**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Institutes of Health

**TITLE:** The Human Arsenic Methylation Pathway **AWARD: \$** 322,485

**PI:** Surendra K Saxena

**MECHANICAL AND MAT ENGINEERING**

**Award Action Type:** Continuation

**AWARDING SPONSOR:** Iowa State University

**TITLE:** Sustainable Allow Design: Searching for Rare Earth Element **AWARD: \$** 100,000

**PI:** Casey P Steadman

**THE WOLFSONIAN**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Florida Humanities Council

**TITLE:** Myth and Machine: Community, History, and Visual Culture Programs **AWARD: \$** 5,000

**PI:** Casey P Steadman

**THE WOLFSONIAN**

**Award Action Type:** Initial

**AWARDING SPONSOR:** Miami-Dade County Cultural Affairs

**TITLE:** Miami Dade County Major Cultural Institutions FY15 Grant **AWARD: \$** 281,536

**PI:** Casey P Steadman

**THE WOLFSONIAN**

**Award Action Type:** Initial

**AWARDING SPONSOR:** National Endowment for the Humanities

**TITLE:** Hiring a consultant to conduct an environmental assessment **AWARD: \$** 6,000

**PI:** John Stuart

**ARCHITECT AND THE ARTS DEANS OFF**

**Award Action Type:** Initial

**AWARDING SPONSOR:** City of Miami Beach

**TITLE:** City of Miami Beach Grant FY 14-15 **AWARD: \$** 24,966

**PI:** Tiffany Grace Troxler

**SOUTHEAST ENV RESEARCH CTR**

**Award Action Type:** Increase

**AWARDING SPONSOR:** National Science Foundation

**TITLE:** LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research **AWARD: \$** 76,529

**PI:** Tiffany Grace Troxler

**SOUTHEAST ENV RESEARCH CTR**

**Award Action Type:** Initial

**AWARDING SPONSOR:** ICF International

**TITLE:** Greenhouse Gas Inventory and Analyses for Agriculture **AWARD: \$** 5,440

**PI:** Yukching Tse Dinh**CHEMISTRY****Award Action Type:** Increase**AWARDING SPONSOR:** National Institutes of Health**TITLE:** Control of DNA Topology**AWARD:** \$ 201,168**PI:** Eric Wagner**SCHOOL OF SOCIAL WORK****Award Action Type:** Initial**AWARDING SPONSOR:** Ware Foundation**TITLE:** Yoga as a Complement to Standard Care for Adolescents**AWARD:** \$ 35,266**PI:** Susan E Webster**OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT****Award Action Type:** Initial**AWARDING SPONSOR:** IREX**TITLE:** Young African Leaders Initiative (YALI)**AWARD:** \$ 100,000**PI:** Ming Zhao**COMPUTER INFO SCIENCES****Award Action Type:** Initial**AWARDING SPONSOR:** National Science Foundation**TITLE:** Student Travel Support for ACM HPDC 2015**AWARD:** \$ 15,000**PI:** Ioannis Zisis**CIVIL AND ENVIRON ENGINEERING****Award Action Type:** Increase**AWARDING SPONSOR:** Florida Department of Transportation**TITLE:** Development of a Test Method for Assessing the Performance**AWARD:** \$ 7,024

## *Limited Submission Funding Opportunities*

Below are limited submission opportunities with upcoming internal deadlines:

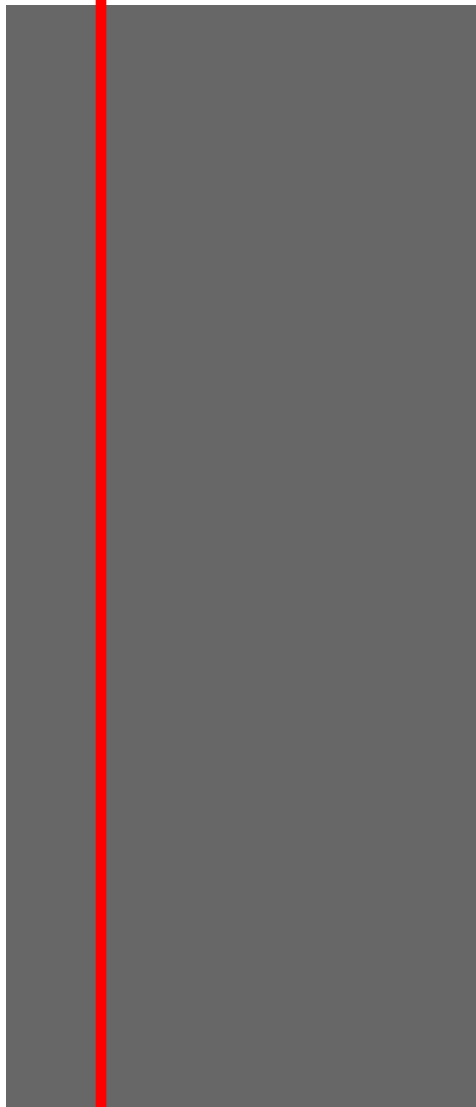
| Agency | Program   | Institutional Submission Limits   | Internal Deadline | Agency Deadline   |
|--------|---|---|-------------------|---|
| NSF    | <a href="#"><u>Collections in Support of Biological Research (CSBR)</u></a><br>(NSF 14-564)                         | Three per organization. In a single round of the CSBR competition, only one proposal may be submitted from any individual collection within an organization. One organization may not submit more than three proposals to any one CSBR competition. | 05/13/2015        | 07/13/2015  |
| NIH    | <a href="#"><u>Developing and Improving Institutional Animal Resources (G20)</u></a><br>(PAR-13-219)                | One per institution   | 6/3/2015          | 8/3/2015  |
| NSF    | <a href="#"><u>Improving Undergraduate STEM Education: Pathways into Geoscience</u></a><br>(NSF 15-526)             | One per institution   | 06/14/2015        | Prelim Proposal Deadline:<br>8/14/2015<br>Agency Deadline: 10/05/2015 |
| NIH    | <a href="#"><u>Institutional Research and Academic Career Development Awards (IRACDA) (K12)</u></a><br>(PAR-13-290) | One per institution   | 7/24/2015         | 9/24/2015   |



Please visit our website at: <http://research.fiu.edu/funding/pages/limited-submissions.html> to review our monthly limited submissions or for further instructions on how to prepare and/or submit your limited submission application.

# Funding Opportunities

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



## FIU | Research ORED Communicator

### Collaborating with your Tech Transfer Office

By Elizabeth Garami

#### March 2015 Issue

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| Upcoming Events (page 2)                          |
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| Limited Submissions (page 8)                      |
| Funding Opportunities (attached as an Excel file) |

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Open Save Add Delete Search

| Name                              | Modified             | Size  | Description |
|-----------------------------------|----------------------|-------|-------------|
| funding-opportunitites-March.xlsx | 2/26/2015 9:28:36 AM | 27 KB |             |

## 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, <a href="#">Budget &amp; Cost Analysis</a>                          | Mirtha.alberto@fiu.edu      |
| Henry Artigues      | Director, <a href="#">Research Operations &amp; External Partnerships</a>     | Henry.artigues@fiu.edu      |
| David Driesbach     | Assistant Vice President, <a href="#">Research Information Systems</a>        | David.driesbach1@fiu.edu    |
| Christopher Grayson | Director, <a href="#">Research Integrity</a>                                  | Christopher.grayson@fiu.edu |
| C. Emily Gresham    | Assistant Vice President, Innovation & Economic Development                   | Emily.gresham@fiu.edu       |
| Robert Gutierrez    | Assistant Vice President and Director, <a href="#">Pre-Award</a>              | Robert.gutierrez@fiu.edu    |
| Pedro Hernández     | Director, <a href="#">Technology Management &amp; Commercialization</a>       | Pedro.hernandez7@fiu.edu    |
| Maureen Pelham      | Director, <a href="#">Research Development</a>                                | Maure.pelham@fiu.edu        |
| Aida Reus           | Director, <a href="#">Post-Award</a>  | Aida.reus@fiu.edu           |
| Horatiu Vinerean    | Director, <a href="#">Laboratory Animal Research</a> ; Attending Veterinarian | Horatiu.vinerean@fiu.edu    |
| Susan Webster       | Director, <a href="#">Training &amp; International Research Initiatives</a>   | Susan.webster@fiu.edu       |



Think differently,  
go beyond the **world** you know.

Do something great  
with the opportunity you are given.

**Be Worlds  
Ahead**

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