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.
Upcoming Events

March 2015

- **March 2,** 3:30 to 4:45 pm, AHC4 #402, “Implications of Latino Aging for Medical Care and Social Service Delivery Systems” presented by William Vega. Co-sponsored by the Faculty Mentor Program and the Office of Research and Economic Development. Specific details are available at [http://mentor.fiu.edu](http://mentor.fiu.edu).
- **March 6,** 11 am to 12:00 pm, PG5, Room 155. Dr. Chia-Ching Chang, from National Chiao Tung University in Taiwan, will host a lecture. Co-sponsored by the Biomolecular Sciences Institute and the Chemistry Departmental Series. Hosted by Dr. Fenfei Leng.
- **March 6,** 3 to 4 pm, EC #2300, “Numerical Modeling of the Effect of Hydrologic Conditions and Sediment Transport of Geomorphic Patterns in Wetlands,” presented by Mernoosh Mahmoudi, part of ARC’s Lecture Series.
- **March 17-18,** 10 am to 4 pm, GC Ballrooms, FIU Undergraduate Research Conference open to all undergraduate students, features academic posters, oral presentations, workshops and roundtables.
- **March 20,** 11 am to 12 pm, EC 1105, “Engineering Expo” presented by Juan Carlos Bald from the University of Arkansas.
- **March 26-27,** 8:00 am to 6:00 pm, MARC Pavilion, “17th Annual Biomedical and Comparative Immunology (BCI) Symposium”. Abstract Submission Deadline: February 13th - for required abstract components and guidelines, click [here](#) to submit. Online (Early Bird) Pre-Registration Deadline: March 13th - register [now](#) on Eventbrite.
- **March 27,** 11 am to 12 pm, EC 1105, “ECE Seminar Series” presented by Scott Smith from North Dakota State University.
- **March 30,** 3:30 to 4:45 pm, AHC4 #402, “Informatics Workshop” with Yuk-Ching Tse-Dinh and Giri Narasimhan. Co-sponsored by the Faculty Mentor Program and the Office of Research and Economic Development. Specific details will be forthcoming for this workshop and available at [http://mentor.fiu.edu](http://mentor.fiu.edu).

April 2015

- **April 2,** 12 to 1 pm, AHC5 # 300. “Impact of Estrogenic Chemicals on the Growth of Microvascular Lesions and its Implications in Vascular Disease,” presented by Quentin Felty.
- **April 10,** 11 am to 12 pm, EC 1105, “ECE Seminar Series” presented by Spyros Tragoudas, from Southern Illinois University.
- **April 10,** 2 to 3 pm, ECS #241, “The Human Side of Computing” presented by Vicki Hanson, part of the School of Computing and Information Sciences Distinguished Lecture Series.
- **April 16,** 10 to 11 am, WC #130, “The Biology of Aging: Targets, Biomarkers and Interventions,” presented by Christiaan Leeuwenburgh.
- **April 17,** 2 to 3 pm, PG5 #134, “Mathematical Engineering: Origins and Impact” presented by Thomas Kailath, part of the School of Computing and Information Sciences Distinguished Lecture Series.

Awards Received—January 2015

FIU researchers were awarded $6,278,673 in January 2015. Below is a listing of awards received.

- **PI:** Omar I Abdul Aziz
  - **CIVIL AND ENVIRON ENGINEERING**
  - **Award Action Type:** Initial
  - **AWARDING SPONSOR:** National Science Foundation
  - **TITLE:** CAREER: Robust Modeling and Predictions of Stream Water Quality
  - **AWARD:** $500,000

For updates, corrections, suggestions, and/or general comments, please email [Mercedes.rodriguez@fiu.edu](mailto:Mercedes.rodriguez@fiu.edu)
PI: Arvind Agarwal  
**MECHANICAL AND MAT ENGINEERING**  
Award Action Type: Continuation  
AWARDING SPONSOR: Clarkson Aerospace Corp  
TITLE: AFRL Collaboration Program - Materials and Manufacturing Research  
AWARD: $30,000

PI: Benjamin C Amick III  
**HEALTH POLICY AND MGMT**  
Award Action Type: Continuation  
AWARDING SPONSOR: Univ of Texas Health Science Ctr Houston  
TITLE: Services Agreement - New Year New You  
AWARD: $47,942

PI: Mahadev G Bhat  
**EARTH AND ENVIRONMENT**  
Award Action Type: Continuation  
AWARDING SPONSOR: University of Miami  
TITLE: Pulley Ridge Fisheries Bio-economic Modeling Project  
AWARD: $68,552

PI: Heather Denise Bracken-Grissom  
**BIOLOGY**  
Award Action Type: Initial  
AWARDING SPONSOR: Nova Southeastern University  
TITLE: Bioluminescence and Vision in the Deep-sea Benthos II  
AWARD: $25,706

PI: Heather Denise Bracken-Grissom  
**BIOLOGY**  
Award Action Type: Pre-Award  
AWARDING SPONSOR: Nova Southeastern University  
TITLE: DEEPEND: Deep-Pelagic Nekton Dynamics of the Gulf of Mexico  
AWARD: $35,818

PI: Henry O Briceno  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research  
AWARD: $65,216

PI: Henry O Briceno  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Initial  
AWARDING SPONSOR: CH2M Hill  
TITLE: Design and implementation of dye-tracer injection test, Cudjoe Key  
AWARD: $125,602

PI: Fabian Cevallos  
**CIVIL AND ENVIRON ENGINEERING**  
Award Action Type: Initial  
AWARDING SPONSOR: Avail Technologies Inc  
TITLE: Technical Assistance to Avail with Uploading VOTRAN Stop  
AWARD: $5,000

PI: Jonathan S Comer  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institute of Mental Health  
TITLE: Evaluating the Feasibility of Internet-Delivered Parent-Child  
AWARD: $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
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<tr>
<th>PI</th>
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<th>Title</th>
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<tbody>
<tr>
<td>John Stephen Kominoski</td>
<td>National Science Foundation</td>
<td>LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research</td>
<td>$70,356</td>
</tr>
<tr>
<td>Leonel E Lagos</td>
<td>Jacobs Engineering Group</td>
<td>Services pertaining development of program for Windamir Development</td>
<td>$8,267</td>
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<tr>
<td>Valentina Bruk Lee</td>
<td>University of South Florida</td>
<td>Validating the Safety Silence Scale</td>
<td>$4,320</td>
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<tr>
<td>Yuan Liu</td>
<td>National Institutes of Health</td>
<td>Trinucleotide Repeat Instability via DNA Damage and Repair</td>
<td>$32,005</td>
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<tr>
<td>Debra Lundy</td>
<td>Miami-Dade County Cultural Affairs</td>
<td>2015 FEST South Beach Wine and Food Festival</td>
<td>$77,481</td>
</tr>
<tr>
<td>Debra Lundy</td>
<td>Miami Beach Visitor &amp; Convention Authori</td>
<td>2015 South Beach Wine &amp; Food Festival</td>
<td>$50,000</td>
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<tr>
<td>Amelia Maguire</td>
<td>University of West Florida</td>
<td>FSBDC at FIU</td>
<td>$115,751</td>
</tr>
<tr>
<td>Amir Mirmiran</td>
<td>Infrastructure Innovation LLC</td>
<td>NCHRP12-101: Seismic Design of Bridge Columns with Improved</td>
<td>$5,375</td>
</tr>
<tr>
<td>Joongho Moon</td>
<td>Korea Evaluation Inst of Industrial Tech</td>
<td>Development of 35% lightweight CCB module for automotives</td>
<td>$45,788</td>
</tr>
</tbody>
</table>
PI: Maria Olenick  
**NURSING FEP BBC**  
Award Action Type: Initial  
AWARDING SPONSOR: U.S. Department of Veterans Affairs  
TITLE: VA Nursing Academic Partnership Program (VANAP)  
AWARD: $ 280,645

PI: Richard Olson  
**INTERNATIONAL HURRICANE CENTER**  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Division of Emergency Management  
TITLE: Hurricane Loss Reduction for Housing in Florida FY 14-15  
AWARD: $ 439,041

PI: Richard Olson  
**INTERNATIONAL HURRICANE CENTER**  
Award Action Type: Initial  
AWARDING SPONSOR: Florida Division of Emergency Management  
TITLE: Hurricane Loss Reduction for Housing in Florida FY 14-15  
AWARD: $ 260,959

PI: William E Pelham Jr  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Examining Tolerance to CNS Stimulants in ADHD  
AWARD: $ 652,494

PI: Jeremy W Pettit  
**CENTER FOR CHILDREN AND FAM**  
Award Action Type: Continuation  
AWARDING SPONSOR: National Institutes of Health  
TITLE: Attention Bias Modification Training in Child Anxiety CBT Non-responders  
AWARD: $ 205,789

PI: Rene M Price  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Increase  
AWARDING SPONSOR: National Science Foundation  
TITLE: LTER: FCE LTER III - Coastal Oligotrophic Ecosystems Research  
AWARD: $ 58,618

PI: Jennifer Schopf Rehage  
**SOUTHEAST ENV RESEARCH CTR**  
Award Action Type: Initial  
AWARDING SPONSOR: South Florida Water Management District  
TITLE: Habitat Selection & Movement of Everglades Fishes  
AWARD: $ 30,000

PI: Douglas Lee Robertson  
**UNDERGRADUATE EDUCATION**  
Award Action Type: Increase  
AWARDING SPONSOR: Association of Public & Land-Grant Univ  
TITLE: Transformational Planning Grant: University Transformation  
AWARD: $ 50,000

PI: Cristina Rodriguez Acosta  
**INST PUB MGMT & COMM SERVICE**  
Award Action Type: Initial  
AWARDING SPONSOR: Miami-Dade County Port of Miami  
TITLE: XXI Inter-American Conference of Mayors and Local Authorities  
AWARD: $ 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 Elements
**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:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Program</th>
<th>Institutional Submission Limits</th>
<th>Internal Deadline</th>
<th>Agency Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSF</td>
<td><strong>Collections in Support of Biological Research (CSBR)</strong> (NSF 14-564)</td>
<td>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.</td>
<td>05/13/2015</td>
<td>07/13/2015</td>
</tr>
<tr>
<td>NIH</td>
<td><strong>Developing and Improving Institutional Animal Resources (G20)</strong> (PAR-13-219)</td>
<td>One per institution</td>
<td>6/3/2015</td>
<td>8/3/2015</td>
</tr>
</tbody>
</table>
| NSF      | **Improving Undergraduate STEM Education: Pathways into Geoscience** (NSF 15-526) | One per institution                                                                               | 06/14/2015        | Prelim Proposal Deadline: 8/14/2015  
|          |                                                                         |                                                    |                  | Agency Deadline: 10/05/2015          |
| NIH      | **Institutional Research and Academic Career Development Awards (IRACDA) (K12)** (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](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.
# 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</td>
<td><a href="mailto:Andres.gil@fiu.edu">Andres.gil@fiu.edu</a></td>
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<tr>
<td>Tonja Moore</td>
<td>Associate Vice President for Research 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 for Research</td>
<td><a href="mailto:Luis.salas@fiu.edu">Luis.salas@fiu.edu</a></td>
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<tr>
<td>Mirtha Alberto</td>
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</tr>
<tr>
<td>Henry Artigues</td>
<td>Director, <strong>Research Operations &amp; External Partnerships</strong></td>
<td><a href="mailto:Henry.artigues@fiu.edu">Henry.artigues@fiu.edu</a></td>
</tr>
<tr>
<td>David Driesbach</td>
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<td><a href="mailto:David.driesbach1@fiu.edu">David.driesbach1@fiu.edu</a></td>
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<tr>
<td>Christopher Grayson</td>
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<td><a href="mailto:Christopher.grayson@fiu.edu">Christopher.grayson@fiu.edu</a></td>
</tr>
<tr>
<td>C. 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 and Director, <strong>Pre-Award</strong></td>
<td><a href="mailto:Robert.gutierrez@fiu.edu">Robert.gutierrez@fiu.edu</a></td>
</tr>
<tr>
<td>Pedro Hernández</td>
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</tr>
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<td>Maureen Pelham</td>
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</tr>
<tr>
<td>Aida Reus</td>
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</tr>
<tr>
<td>Horatiu Vinerean</td>
<td>Director, <strong>Laboratory Animal Research</strong>; 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, <strong>Training &amp; International Research Initiatives</strong></td>
<td><a href="mailto:Susan.webster@fiu.edu">Susan.webster@fiu.edu</a></td>
</tr>
</tbody>
</table>

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

Do something great with the opportunity you are given.