



# Fall 2012 Edition

## *The ReSearcher*



**Florida A&M University**

Division of Research

Tallahassee, FL 32307

[www.famu.edu](http://www.famu.edu) (click RESEARCH link)

Principal Investigator Carl Goodman, Ph.D.  
in FAMU's Drugs of Abuse Laboratory,  
preparing primary neurons and glial cells  
for protein analysis.

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**NIMHD provides P20 Award to FAMU College of Pharmacy and Pharmaceutical Sciences to establish the Center of Excellence for Cancer Research, Training and Community Service (CoE CRTCS) at FAMU**



**Karam F.A. Soliman, Ph.D.**, a distinguished professor, Basic Pharmaceutical Sciences in the FAMU College of Pharmacy and Pharmaceutical Sciences (CoPPS); patent holding pharmacologist/toxicologist; Research Centers in Minority Institutions (RCMI) Program Director, et al., has another collaborative star to add to his crown. **As of June 16, 2012—this proficient principal investigator, along with colleagues have received a P20 Grant Award amassing \$5,626,785 over five years (2012-2017).** This grant is a P20 Exploratory Grant Award to support the planning of a new program to explore various approaches to the development of interdisciplinary cancer center that offer potential solutions to problems of special significance to the mission of the National Institutes of Health (NIH). This **P20 Award** to Florida A&M University (FAMU) is entitled: **Center of Excellence for Cancer Research, Training and Community Service (CoE CRTCS).**

This major NIH grant awarded to the FAMU CoPPS is an important and major grant from the National Institute on Minority Health and Health Disparities (NIMHD). The award's Principal Investigator, Karam F.A. Soliman, Ph.D., congratulated the grant's collaborative research team comprised of: Drs. Mandip Sachdeva (Pharmacy), Carl Goodman (Pharmacy), John Cooperwood (Pharmacy), Saleh Rahman (Pharmacy), Cynthia M. Harris (Public Health), Deana Burney (Psychology), Selina Darling-Reed (Pharmacy) Hernan Flores Rozas (Pharmacy), and Ms. Miaisha Mitchell (Front Porch Program, Tallahassee).

*Above: Karam F.A. Soliman, Ph.D., (left background) and research associate, Ramesh Badisa, Ph.D. (pointing at monitor), evaluate novel anticancer properties of compounds in treating neuroblastoma cancer in the FAMU CoPPS.*

**Dr. K. Ken Redda**, Professor and Acting Vice President for Research stated: “Dr. Soliman’s one of the most outstanding researchers on campus—very productive, involved in the training of Ph.D. students and post-doc fellows. His role as research leader is very prominent and I highly commend him and his dynamic team for their many contributions to the FAMU research community. We greatly appreciate the continual support of the National Institute on Minority Health and Health Disparities at the National Institutes of Health; their generous funding will help FAMU strive to mitigate the devastating disease (cancer) that affects our communities.”

**Dr. Michael Thompson**, Professor of Pharmacy Practice and the new Dean, FAMU CoPPS, said of Dr. Soliman: “He is one of the most assertive faculty members in the FAMU CoPPS, and at FAMU, period—in terms of pushing forward toward accomplishing our research goals. He has been persistent in obtaining grants, not only to support his research, but also to support our graduate students to complete their Ph.D. degrees.”

## FAMU Appoints Two New Deans *Their appointments took effect August 13, 2012*

Courtesy of **FAMU** Press Office

**Ann L. Wead Kimbrough, Ph.D.** is the new dean for the School of Journalism and Graphic Communication and **Robert W. Taylor, Ph.D.** is the new dean for the College of Agriculture and Food Sciences.

“We are proud to announce the appointment of two new deans who will lead our journalism and agriculture programs,” said FAMU Interim President Larry Robinson, Ph.D. “We made the decision after conducting a national search and believe that we have appointed individuals who are leaders in their fields and will produce graduates who will contribute greatly to the fields of journalism, agriculture and food science.”



**Dr. Ann L. Wead Kimbrough** (left) currently served as the senior administrator of Webster University’s two largest Arkansas graduate campuses. Webster University is an accredited, 97-year-old non-profit, top-tier global university. She is also a visiting professor at the Arkansas Baptist College instructing students in the areas of global communications, entrepreneurship, marketing, ethics, and sustainability strategies.

She received her bachelor’s degree in mass communications from Clark Atlanta University in Atlanta, Ga.; a master’s degree in financial journalism from Northwestern University in Evanston, Ill.; and a doctor of business administration (DBA) in international business from Argosy University in Atlanta, Ga.

Formerly serving as professor of soil and environmental sciences at Alabama A&M University (AAMU), **Dr. Robert W. Taylor** (right) was also dean at AAMU with the School of Agricultural and Environmental Science where he led the school through three successful accreditations. During his tenure as dean, he also helped faculty acquire grants either directly or indirectly, which resulted in a significant increase in competitive grants awarded to the school.

He received his bachelor’s degree in agronomy from Tuskegee Institute in Tuskegee, Ala. and a master’s degree in soil microbiology and a doctorate (Ph.D.) in soil chemistry from Michigan State University in East Lansing, Michigan.



**Florida Agricultural and Mechanical University**  
**Division of Research**  
**Office of Technology Transfer**  
**Comprehensive Patent Report as of November 20, 2012**

<b>Name of Inventor And Fiscal Year</b>	<b>Name of Invention</b>	<b>Patent Number</b>	<b>Date Issued</b>
<b>FY 07/01/2012 - 06/30/13 (To Date)</b>			
1. Kinfе Redda Chavonda Mills Nelly Mateeva	Synthetic Flavonoids and Pharmaceutical Compositions and Therapeutic Methods of Treatment of HIV Infection and Other Pathologies	8,314,143	November 20, 2012
2. Seth Ablordeppey	3-Substituted Quinolinium and 7H-Indolo[2,3-C]Quinolinium Salts as New Anti-infectives	8,288,410	October 16, 2012
3. James Muchovej Oghenekome Onokpise	Mycoherbicide for Controlling Congongrass	8,278,248	October 2, 2012
<b>FY 07/01/11 - 06/30/12</b>			
1. Seth Ablordeppey	Antifungal and Antiparasitic	8,158,646	April 17, 2012
2. John Cooperwood	Treatment of Estrogen Receptor-Mediated Disorders	PCT/US2012/032895 *	April 10, 2012
3. Tanaga Boozer	Distributed Technology Transfer Department	8,117,131	February 14, 2012
4. Nazarius Lamango	Inhibitors of Polyisoprenylated Methylated Protein Methyl Esterase	8,097,722	January 17, 2012
5. Nazarius Lamango	Cancer diagnosis by Measuring Polyisoprenylate Methylated Protein Methyl Esterase Activity	8,053,207	November 08, 2011
<b>FY 07/01/10 - 06/30/11</b>			
1. Jiang Lu	Muscadine Grape Plant Named Majesty	PP21,965 P3 **	June 07, 2011
2. Nazarius Lamango	Inhibitors of Polyisoprenylated Methylated Protein Methyl Esterase	7,897,604	March 01, 2011

**FY 07/01/09 - 06/30/10**

1.	Seth Ablordeppey	Haloperidol Analogs	7,700,587	April 20, 2010
2.	Moeub Lanh	Pole/Finger Flag Assembly	7,690,322	April 06, 2010
3.	John Cooperwood	Selective Estrogen Receptor Modulators F/K/A Use of Aminoalkoxy Derivatives of 1,3,5.(10)-Estratrien and Estratetraene Steroids in the Treatment of Breast Cancer	7,687,486	March 30, 2010
4.	Elliott Treadwell	Threshold Cerenkov Detector with Radial Segmentation	7,683,335	March 23, 2010
5.	Moeub Lanh	Finger Flag Assembly	7,677,194	March 16, 2010
6.	Karam Soliman Elizabeth Mazzio	Method of Treating Dyshidrosis (Pompholyx) and Dry Skin Disorders	7,666,451	February 23, 2010

**FY 07/01/08 - 06/30/09**  
**None Issued**

**FY 07/01/07 - 06/30/08**

1.	Karam Soliman Elizabeth Mazzio	Topical Treatment for Dyshidrosis (Pompholyx) and Dry Skin Disorders	7,357,950	April 15, 2008
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**Period: From 07/01/1985 to 06/30/2007**

1.	Nazarius Lamango	Method for Treatment of Neurological Disease Characterized by Impaired Neuromodulator Function	6,372,793	April 16, 2002
2.	Alex Yi	Pollution Control System for an Internal Combustion Engine	5,517,978***	May 21, 1996
3.	Alex Yi	Enhancement/Pollution Control System Utilizing Vortex Air	5,553,591***	September 10, 1996
4.	Henry Lee	Anti-inflammatory Carboxy Pregnane Derivatives	4,762,919	August 09, 1988
5.	Henry Lee	Anti-inflammatory Prednisolone Steroids	4,588,530	May 13, 1986

\*PCT = International and Domestic Numbers (note difference from other numbers)

\*\*PP = Plant Patent Number (note difference from other numbers)

\*\*\* = Patents Donated to FAMU by The Boeing Company





### FAMU HOSTS ENVIRONMENTAL LAW AND JUSTICE SYMPOSIUM

The Third Annual FAMU Environmental Law and Justice Three-Day Symposium was held this semester themed: “Climate Change and Global Food Security” featuring 40 current and future leaders from environmental, agricultural, public policy and community development arenas from around the world presenting and conducting their **research** findings. This was a collaboration between the School of the Environment, the College of Agriculture and Food Sciences, along with the Tallahassee Food Network, Front Porch Florida and the Tallahassee Food Conversation and Community Garden Tours, among other collaborators and contributors. For symposium proceedings, please contact Richard D. Gragg, III, Ph.D., with the FAMU School of the Environment at (850) 599-3550 or 599-8549.

### FAMU PHYSICISTS “REACH FOR THE STARS”

[www.FAMU.edu](http://www.FAMU.edu) Excerpted from News Headlines August 3, 2012

The term “Reach for the Stars” has new meaning for scientists at Florida A&M University (FAMU) who are attempting to harness the power of stars like the sun in the form of fusion energy. A recent experiment at the FAMU Center of Plasma Science and Technology (CePaST) has moved the university one step closer toward producing a sustainable clean energy source of electrical power. The experiment was conducted inside the largest fusion energy reactor of its kind in the world—the **Spheromak**—and the only one constructed and located at a historically black university—**FAMU**.

“This is a non-trivial event,” said **Charles Weatherford, Ph.D.**, CePaST director and principal investigator of the FAMU Fusion Energy Spheromak Turbulent Plasma Experiment (STPX). “By achieving ‘first plasma,’ we are certain that the chamber vacuum is holding, electrodes are working and the capacitor banks are firing correctly.” The FAMU Spheromak (right) weighs half a ton and is more than 10 feet tall. The main chamber is made entirely of aluminum. When working at optimal capacity, the FAMU Spheromak can generate enough electricity to power over half a million American households for one year.

“The FAMU Spheromak Turbulent Physics Experiment (STPX) should enable the study of turbulent phenomena in plasmas. Achieving first plasma is a necessary first step to make this **research** possible,” said Samuel Barish, the HBCU program manager of the Department of Energy Office of Fusion Energy Sciences.

#### About the FAMU Spheromak Turbulent Plasma Experiment

**FAMU is a world leader in turbulence research.** The FAMU STPX project began in 1999 and is funded through a four-year, \$924,000 congressional grant. University and external collaborators include Earl Scime of West Virginia University, Ed Thomas of Auburn University, and Simon Woodruff of Woodruff Scientific, Inc.



## FAMU Chemistry Graduate Alumna Part of NOBCCHE Family

*Nigeria-born FAMU chemistry graduate alumna builds relationships at annual meeting of black chemists and chemical engineers excerpts from Lauren K. Wolf, Courtesy of: Chemical & Engineering News (C&EN), ISSN 0009-2347, Copyright © 2012 American Chemical Society*

When **Edikan Archibong** moved to the U.S. at the age of 12, she was in dire straits. The air in Nigeria, where she grew up, was thick with pollution, and it was exacerbating her already severe case of chronic asthma. By the time she made her way across the Atlantic, **Archibong** was frail and had seen the inside of a hospital too many times, a few of the visits to treat life-threatening anaphylactic attacks. “As a last resort, my doctors suggested to my parents that I relocate,” according to **Archibong**. A trial period in the U.S., where the air was cleaner, led to some improvements in her condition, so **Archibong** and her parents decided that she should relocate to the U.S. more permanently. Just before entering high school, she left behind her family, her country, and everything she knew to settle in Tallahassee, Florida, with an aunt.



**MENTOR/MENTEE MEET-UP:** Soni. O. Oyekan (left) and FAMU master's degree graduate, Archibong bond during a reception at the Nigerian Embassy, in Washington, D.C. Oyekan had stopped by her research poster to chat at NOBCChe national meeting. Credit: Lauren Wolf/C&E

One of the things that has made Archibong's transition easier is the [National Organization for the Professional Advancement of Black Chemists & Chemical Engineers](#) (NOBCCHE). Through NOBCCHE (pronounced no-buh-shay), **Archibong**, now 29 and healthy, has built an extended family of science colleagues, mentors, and role models in the U.S. She's assembled this network, in large part, by attending every one of the organization's national conferences since 2007, including the 39th meeting, which was held on Sept. 25–28 in Washington, D.C. The gatherings offer attendees the chance to meet other minority scientists during workshops, research symposia, poster sessions, and a career fair. They also have the chance to watch competitions such as the science bowl for middle and high school students. “NOBCCHE's very family-oriented, very close-knit,” said **Archibong**, a FAMU chemistry master's degree alumna and second-year doctoral student at the University of South Florida (USF). **Nelly Mateeva, Ph.D.**, was her master's degree major professor at FAMU and stated: “Every person we meet in our lives leaves their own distinctive trace. Some people are easy to notice since they always draw attention to themselves, however, after some time, you may even hardly remember them. Others are more silent, but they dream big, make their ways one little step at a time and their persistence and strong will eventually lead them to the top of the world. **Edikan Archibong** is definitely the second type. I have observed her amazing development from my ‘Chemical Separations’ class in 2007 all the way until her M.Sci degree graduation in 2010. She has encountered a lot of frustrations in her young life, but she's turned them into motivation and strength. Her goal is clear – Ph.D. degree in Chemistry – and she works toward it daily. I was pleased to have her on my team with the U.S. Department of Homeland Security summer research program in 2009. The importance of the toxin detection project for our national security project was further inspiration to continue her research in the area of sensor development. At the end of her graduate study at FAMU, **Edikan** was academically and psychologically ready to move on toward her doctorate goal. She knows what hard work means, and she also knows how to look for opportunities every single day, how to learn from failure, stand up for herself, and most importantly – hold fast to her dream!”



**FAMU PHARMACY GRADUATE STUDENT, APURVA PATEL  
RECEIVES AMERICAN ASSOCIATION OF PHARMACEUTICAL SCIENTISTS' (AAPS) AWARD**

The AAPS Leadership selected FAMU College of Pharmacy and Pharmaceutical Sciences' (CoPPS') graduate student, **Apurva Patel** (right), to participate in the 2012 AAPS Graduate Student Symposium in Formulation Design and Development sponsored by Bristol-Myers Squibb, held this past October at the Chicago McCormick Place Convention Center in Chicago, Illinois.

**Patel** is a graduate student of **Mandip S. Sachdeva, Ph.D.**, Professor and Section Leader, Pharmaceutics, FAMU CoPPS; **Dr. Sachdeva** stated: "This is not only an honor for **Apurva Patel**, but also for the whole University since this is the highest, national award given to a graduate student from the American Association of Pharmaceutical Scientists which has over 10,000 members. This also shows the quality of cutting edge **research** being conducted on this campus."



Left: Dr. Sachdeva (blue turban) works with other students in the pharmaceuticals lab.

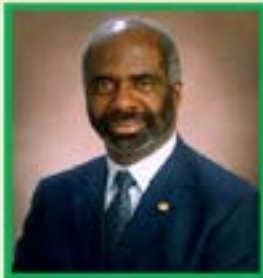
**FLORIDA A&M UNIVERSITY INSTITUTIONAL RESEARCH AWARD**  
**APPLICATION PROCESS TIMELINE: 2012-2013**

<b>ACTIVITIES</b>	<b>DATES*</b>
1. Nominations Open	Monday, October 22, 2012
2. Nominations Close ( <b>Deadline</b> )	Monday, December 3, 2012
3. Nominees Contacted	Beginning Friday, December 7, 2012
4. Applications Submitted (by Nominees) to the Office of the Faculty Senate	By Monday, January 28, 2013 ( <b>Deadline</b> )
5. Institutional Research Award Applicants Evaluations Conducted	Wednesday, January 30 to Wednesday, February 27, 2013
6. Finalists Interviewed	Monday, March 4 to Monday to March 18, 2013
7. Recommendation(s) of Research Award Recipients to be Submitted to the Office of the Faculty Senate	Monday, March 25, 2013
8. Preparation of Plaques and Biographical Sketches Booklet ( <i>by the Division of Research</i> )	Friday, March 29 to Tuesday, April 9, 2013
9. <b>Fourth Annual Principal Investigator Appreciation and 2013 Researcher of the Year Awards Luncheon</b>	<b>Friday, April 19, 2013</b>

*\*Note: All dates are contingent upon the number of applicants and other factors.*



Florida A&M University  
Division of Research  
*announces*



Larry Robinson, Ph.D.  
*Interim President to keynote...*

**The Fourth Annual Principal Investigator Appreciation  
and Researcher of the Year Awards Luncheon**

*In Recognition of Research Excellence With Caring*

Friday, April 19, 2013 from 11:30 a.m. to 1:30 p.m.

Foster-Tanner Band Rehearsal Hall

Please RSVP to Ms. Jennifer Freeman at (850) 412-5102 or [jennifer.freeman@famu.edu](mailto:jennifer.freeman@famu.edu) on or by Friday, April 5, 2013 for seating. This event is sponsored by the FAMU Faculty Senate and the FAMU Division of Research.

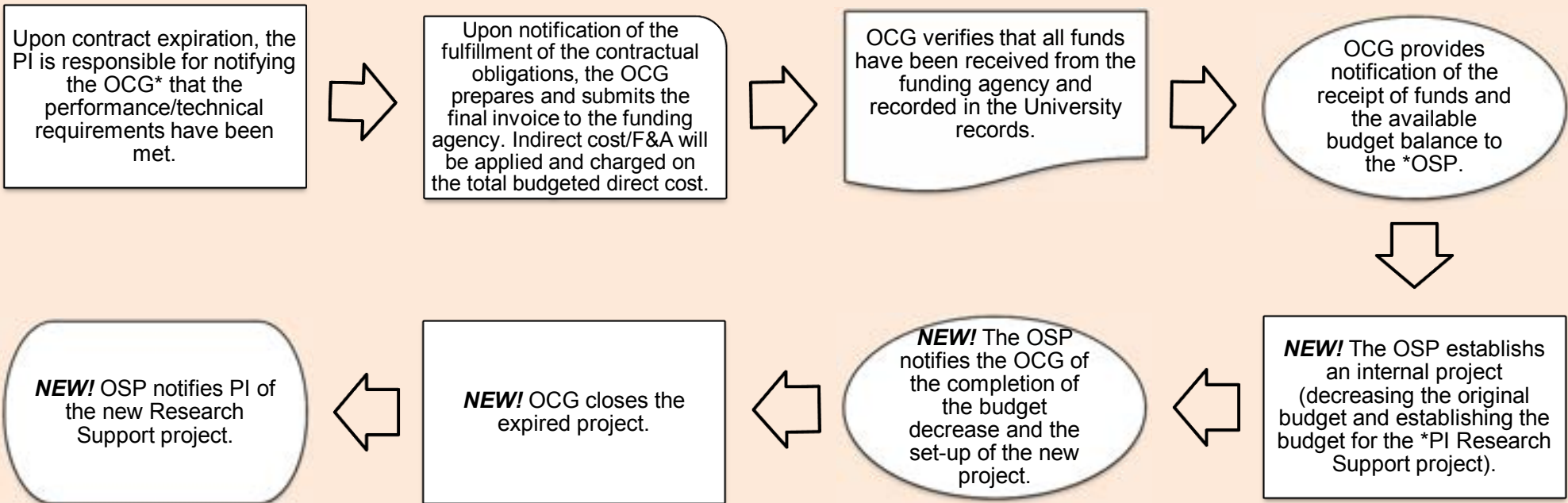


**Attention: New Process for Fixed Price Contracts!!**

**Fixed Price Contracts** commit the Principal Investigator (PI) to a defined scope of work for a set amount of funding. The PI is obligated to perform the work specified in the contract and to complete that work in accordance with the negotiated time schedule. The sponsor is obligated to pay the specified price, regardless of the actual costs of completing the project. Therefore, the PI should budget carefully to ensure that the funds received from the sponsor are sufficient to cover the actual project costs.

**NEW!** Following the completion of all deliverables required under a fixed-price contract, after costs in fulfilling the requirements of the award have been charged to the account, and after full payment from the sponsor has been received, indirect costs will be recovered at the University's current federally negotiated rate. Any residual funds should be used by the Principal Investigator to promote, conduct, stimulate and support research and scholarly activities on and off campus, consistent with the mission and goals of FAMU. See the flowchart below:

***Fixed Price Residual Procedure***



\*OCG: Office of Contracts and Grants; OSP: Office of Sponsored Programs; PI: Principal Investigator\*

## **FAMU DoR CURRENT FINANCIALS**

### **Grant Awards and Proposal Submissions:**

- Grant awards amount for July 1, 2012 to November 9, 2012 totaled **\$30,536,839 with 114 funded awards.**
- Proposals submitted amount for July 1, 2012 to November 9, 2012 totaled **\$50,732,011 with 74 proposals submissions.**

### **INFORMATION IN RED DUE TO RECENT CHANGES**

#### **Proposal Transmittal Form**

Transmittal Form revised effective October 1, 2012 to reflect **Financial Conflict of Interest** requirement. **Revised form is located at** [http://www.famu.edu/index.cfm?DOR\\_division\\_of\\_research&Forms](http://www.famu.edu/index.cfm?DOR_division_of_research&Forms).

#### **Financial Conflict of Interest Governing Research Policy**

Investigator(s) regardless of title or position, who is responsible for the design, conduct, reporting of research funded or proposed for such funding, including collaborators or consultants engaged in research must complete a Financial Conflict of Interest (FCOI) form each year. Completed FCOI form ensures compliance with Florida A&M University (FAMU) and the granting agency as required by the federal grant and cooperative agreement regulations polices (42 CFR Part 50 Subpart F and 45 CFR Part 94); Section 1004.28, and Chapter 112, Part III, Florida Statutes; and FAMU Board of Trustees Regulations 1.019, 1.020 and 10.121). For Additional information, please visit FAMU Research website regarding BOT Policy Financial Conflict of Interest, Policy No: 2005-14.

#### **Equipment Threshold Policy**

Florida A&M University equipment capitalization **threshold** changed from \$1,000 to \$5,000 effective July 1, 2012. The impact of this change will result in Facilities and Administrative (F&A) rate being calculated on equipment under \$5,000. As proposals are being prepared for submission to sponsors, the new threshold should be taken into consideration. For existing projects, or those proposals that have already been submitted to sponsors, the Office of Sponsored Programs can assist in making the necessary budget revisions to accommodate the change.

#### **Fringe Benefits Rate Changes:**

##### **Changes effective July 1, 2012.**

##### **Fringe Benefit Rates:**

- A&P Positions – 31%
- USPS Positions – 43%
- USPS (Campus Security) – 43%
- Faculty – 34%

##### **Other Personnel Services (OPS):**

- Faculty/A&P/USPS/Graduate Students – 8.25%
- Undergraduate Students – 0.6%



**Monitoring of Technical Reports - REMINDER!!** Investigator(s) regardless of title or position, who is responsible for the design, conduct, and reporting of funded **research** including collaborators or consultants engaged in research must complete all required **technical and closeout** reports (**including any additional reporting requirements as outlined** in the terms and conditions of the award). Completed reports ensure compliance with Florida A&M University (FAMU) and the granting agency's regulations, **policies and procedures**.

**Spending – REMINDER!!** In an effort to generate the F&A (Facilities and Administrative) funding needed to further support our research mission, it is critical that the spending level of contracts and grants is also increasing at a significant level. Therefore, we are asking that all researchers have a heightened awareness of the need to spend as timely and accurately as possible as allowed by the terms and conditions of each award. An increase in expenditure activity increases the amount of recoverable F&A that is distributed to principal investigators on an annual basis. The timely spending of the funds also allows the University to receive reimbursement from the funding agency in a timely manner.

Please remember the **FAMU Division of Research** is dedicated to assisting you in properly administering all financial and administrative functions of each award. Therefore, please do not hesitate to contact us if you have any questions or need assistance in initiating, submitting, or monitoring the expenditure requests for your award.

## AWARDS RECEIVED FOR FISCAL YEAR 2012-2013 COURTESY OFFICE OF SPONSORED PROGRAMS

Principal Investigator	Title	School/College	Sponsor	Amount Awarded
Joseph Bakker	Operational Efficiencies-SAFRA (Title III)	Administration	U.S. Department of Education	\$191,633.00
Joseph Bakker	Transformation through Technology Enhancement-Undergraduate (Title III)	Administration	U.S. Department of Education	\$700,000.00
Barbara Cox	Enrollment Management-Undergraduate (Title III)	Administration	U.S. Department of Education	\$159,304.00
Emma Dawson	Honors Program- Undergraduate (Title III)	Administration	U.S. Department of Education	\$216,000.00
Charles Evans	Construction Management Development Program	Administration	Florida Department of Transportation	\$430,000.00
Franzetta Fitz	Enhancing Instructional Technology Resources-SAFRA (Title III)	Administration	U.S. Department of Education	\$247,432.00
Franzetta Fitz	Distance Learning- Undergraduate (Title III)	Administration	U.S. Department of Education	\$275,000.00
Rosalind Fuse-Hall	HBCU Program Coordination- Undergraduate (Title III)	Administration	U.S. Department of Education	\$455,735.00
Rosalind Fuse-Hall	Program Coordination- Graduate (Title III)	Administration	U.S. Department of Education	\$372,797.00
Thomas Haynes	Institutional Development & Capacity Building-Undergraduate (Title III)	Administration	U.S. Department of Education	\$387,000.00
William Hudson Jr.	Trio Talent Search Program 2011-2016	Administration	U.S. Department of Education	\$320,846.00
William Hudson Jr.	Higher Education Emergency Communications	Administration	Florida Department of Education	\$74,000.00
William Hudson Jr.	Upward Bound Regional Institute for Math and Science	Administration	U.S. Department of Education	\$287,015.00
Joseph Jones	International Study (Exchange Program)-Undergraduate (Title III)	Administration	U.S. Department of Education	\$203,000.00
Donald Palm	Innovative Academic Instruction for STEM Programs-SAFRA (Title III)	Administration	U.S. Department of Education	\$487,723.00
Donald Palm	Post Baccalaureate Curriculum-SAFRA (Title III)	Administration	U.S. Department of Education	\$305,639.00
Gita Pitter	Accreditation & Institutional Effectiveness-Undergraduate (Title III)	Administration	U.S. Department of Education	\$1,100,000.00
Decatur Rogers	2011 New Approach to Self-Achievement Stem Bridge Program	Administration	National Aeronautics & Space Administration Shared Services Center	\$50,000.00
Decatur Rogers	STEM-Research Center for Cutting-Edge Technology- Undergraduate (Title III)	Administration	U.S. Department of Education	\$214,600.00
Decatur Rogers	Minority Graduate Engineering-Graduate (Title III)	Administration	U.S. Department of Education	\$210,000.00

Principal Investigator	Title	School/College	Sponsor	Amount Awarded
Brenda Spencer	Academic Success Institute- Undergraduate (Title III)	Administration	U.S. Department of Education	\$2,000,000.00
Ruth Swan	Enhancing Specialized Health Care Related Resources in Library-SAFRA (Title III)	Administration	U.S. Department of Education	\$690,671.00
Ruth Swan	Academic Support Library- Undergraduate (Title III)	Administration	U.S. Department of Education	\$706,000.00
Ruth Swan	Enhancing Library Resources & Services for Graduate-Graduate (Title III)	Administration	U.S. Department of Education	\$200,000.00
Tiki Suarez-Brown	Programs for Increasing the Engagement of Underrepresented Ethnic Groups	School of Business & Industry	Texas A&M University	\$8,000.00
Lawrence Carter	Red Clay Garden Project	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$76,010.00
Cassel Gardner	Sustainable Agriculture Training Program	College of Agriculture & Food Sciences	University of Georgia	\$10,000.00
Muhammad Haseeb	Enhancing the Capacity of Urban Agriculture in North	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$115,143.00
Muhammad Haseeb	Survey on the Exophthalmus and their Biological Control Agents	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$60,140.00
Raymond Hix	Improving Offshore Mitigation Strategies for Invasive Pests	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$45,784.00
Moses Kairo	2012 Biologically Based Techniques for Control Insects	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Agricultural Research Service	\$44,000.00
Lambert Kanga	Toward the Development of a Microbial Control Strategy	College of Agriculture & Food Sciences	University of Florida	\$25,000.00
Stephen Leong	Youth Development Summer Institute, Phase II: Enhancement of Research	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$200,270.00
Stephen Leong	Vineyard Management Practices	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$504,496.00
Jiang Lu	Breeding Wine Grape Cultivars	College of Agriculture & Food Sciences	Florida Department of Agriculture & Consumer Services	\$35,000.00
Charles Magee	Support Qualified Scholars that are Unrepresented	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Resources Conservation Service	\$50,000.00
Odemari Mbuya	1890 Land Grant Universities Water Center	College of Agriculture & Food Sciences	Virginia State University	\$25,000.00
Katherine Milla	Use of Geospatial Technologies to Understand Invasion Process	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$17,813.00
Katherine Milla	Monitoring In-Stream Nutrient Loads Crossing into Florida	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Forestry Service	\$196,351.00
Katherine Milla	Monitoring In-Stream Nutrient Loads Crossing into Florida	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Forestry Service	\$5,000.00
Ray Mobley	Florida A&M University Renewable Resources Extension Act Program	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$12,500.00

Principal Investigator	Title	School/College	Sponsor	Amount Awarded
Ray Mobley	Community Based Organization	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$101,625.00
Ray Mobley	Conducting Outreach to the Socially Disadvantaged & Minority Farmers	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$50,000.00
Ray Mobley	Establishment of Animal Science/Animal Healthcare Management	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$500,000.00
Ray Mobley	Demonstration Model for Control of Pathogens, Disease and Drug Resistance in Food and Animals	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$74,000.00
Oghenekome Onokpise	McIntire-Stennis Forestry Research	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$86,164.00
Oghenekome Onokpise	Bio-Fuels	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$160,350.00
Bobby Phillips	Integrated Pest Management Coordination & Support Program	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$73,926.00
Bobby Phillips	Cooperative Extension Administration	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$1,274,258.00
Vonda Richardson	Reaching A New Generation of Agro-Entrepreneurs through Enhanced Program Delivery Strategies	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$250,000.00
Vonda Richardson	Goat Program	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$176,362.00
Vonda Richardson	Farm	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$178,681.00
Mehboob Sheikh	An Integrative Transcriptome, Proteome and Metabolome Approach	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$268,961.00
Robert Taylor	National Institute of Food & Agriculture Administration	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$193,309.00
Robert Taylor	Facilities & Administrative Services	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$252,179.00
Robert Taylor	Water Quality	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$567,943.00
Robert Taylor	Biological Control	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$299,085.00
Robert Taylor	Facilities & Administrative Services	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$181,232.00
Michael Thomas	Estimating the Potential Economic Benefit of Controlling Hydrilla	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$37,091.00
Michael Thomas	Assessing the Economic Value of Classical Biological Control	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$39,171.00
Violetka Tsoлова	Clean Plant Diagnostic of Grape & Small Fruits @ Florida A&M University	College of Agriculture & Food Sciences	U.S. Department of Agriculture-National Institute of Food & Agriculture	\$299,744.00

Principal Investigator	Title	School/College	Sponsor	Amount Awarded
Violetka Tsolova	Southeastern Vine Improvement & Distribution Program	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Animal & Plant Health Inspection Service	\$172,409.00
Lurleen Walters	Small Farm Profitability in the Southeast: An ARMS-Based Analysis of Obstacles	College of Agriculture & Food Sciences	U.S. Department of Agriculture-Economic Research Service	\$30,000.00
Patricia Green-Powell	Teacher Education and Certification-Undergraduate (Title III)	College of Education	U.S. Department of Education	\$180,000.00
Mark Howse	Black Male Explorers	College of Education	Florida Department of Education	\$314,701.00
Mark Howse	FAMU SMART Academies 21st Century Community Learning Centers	College of Education	Florida Department of Education	\$96,900.00
Bernadette Kelley	African American Task Force	College of Education	Florida Department of Education	\$100,000.00
Patricia Hodge	Safe and Drug Free Schools	FAMU Developmental Research School	Florida Department of Education	\$1,695.00
Patricia Hodge	Carl D. Perkins Career and Technical Education	FAMU Developmental Research School	Florida Department of Education	\$25,000.00
Patricia Hodge	Idea Part B, Entitlement 2012-2013	FAMU Developmental Research School	Florida Department of Education	\$75,081.00
Patricia Hodge	Common Core Summer Institute	FAMU Developmental Research School	Florida Department of Education	\$2,000.00
Patricia Hodge	Title II Part A- Teacher & Principal Training & Recruitment	FAMU Developmental Research School	Florida Department of Education	\$23,205.00
Patricia Hodge	Title I, Part A: Improving the Academic Achievement of the Disadvantaged	FAMU Developmental Research School	Florida Department of Education	\$183,346.00
Patricia Hodge	Title I, Part A: Improving Academic Achievement	FAMU Developmental Research School	Florida Department of Education	\$19,560.00
Keith Simmonds	Center for Global Security and International Affairs	College of Humanities & Social Sciences	Defense Intelligence Agency	\$500,000.00
LeRoy Pernel	Enhancement of J.D. Program at the College of Law-Graduate (Title III)	College of Law	U.S. Department of Education	\$277,940.00
Seth Ablordeppey	Development of Novel Agents for CNS Related Diseases	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health-National Institute of General Medical Sciences	\$251,213.00
Seth Ablordeppey	2012 American Foundation for Pharmaceutical Education Pre-Doctoral Fellowship	College of Pharmacy & Pharmaceutical Sciences	American Foundation for Pharmaceutical Education	\$3,250.00
Clyde Brown	Leon County Radon Study	College of Pharmacy & Pharmaceutical Sciences	Florida Department of Health	\$4,400.00
Frank Emanuel	Development of Clinical Services	College of Pharmacy & Pharmaceutical Sciences	Duval County Health Department	\$213,667.00
Cynthia M. Harris	Reducing Cardiovascular Disease Risk in Mid-Life and Old	College of Pharmacy & Pharmaceutical Sciences	Florida State University	\$9,115.00
Cynthia M. Harris	Institute of Public Health Scholarships for Disadvantaged Students	College of Pharmacy & Pharmaceutical Sciences	U.S. Department of Health & Human Services-Health Resource & Service Administration	\$300,000.00



Principal Investigator	Title	School/College	Sponsor	Amount Awarded
Cynthia M. Harris	FAMU Public Health Traineeship Grant Program	College of Pharmacy & Pharmaceutical Sciences	U.S. Department of Health & Human Services-Health Resource & Service Administration	\$15,894.00
John Scrivens	Community Health Centers of Pinellas	College of Pharmacy & Pharmaceutical Sciences	Community Health Centers of Pinellas, Inc.	\$34,488.00
John Scrivens	Community Health Centers of Pinellas	College of Pharmacy & Pharmaceutical Sciences	Community Health Centers of Pinellas, Inc.	\$23,300.00
Michael Thompson	Pharmacy Program Administration-Graduate (Title III)	College of Pharmacy & Pharmaceutical Sciences	U.S. Department of Education	\$1,263,449.00
Michael Thompson	AIDS Drug Assistance Program	College of Pharmacy & Pharmaceutical Sciences	Florida Department of Health	\$29,737.00
Michael Thompson	Apalachee Center Contract w/Florida A&M University	College of Pharmacy & Pharmaceutical Sciences	Apalachee Center	\$210,013.00
Michael Thompson	Pharmacy Scholarships for Disadvantaged Students	College of Pharmacy & Pharmaceutical Sciences	U.S. Department of Health & Human Services-Health Resource & Service Administration	\$650,000.00
Clement Allen	The Minority Innovation Challenges Institute (MICI)	College of Science & Technology	National Aeronautics & Space Administration Shared Services Center	\$9,000.00
Richard Appartaim	Dynamics of X-Pinches Powered by a Capacitor Bank	College of Science & Technology	U.S. Department of Energy	\$151,000.00
Hongmei Chi	Fast Numerical Methods for Stochastic Partial	College of Science & Technology	U.S. Department of Defense-Air Force	\$100,000.00
Maurice Edington	Enhancing Graduate Arts & Sciences-Graduate (Title III)	College of Science & Technology	U.S. Department of Education	\$960,000.00
Lewis Johnson	Consortium for Advanced Chemometrics and In-Situ Analysis using Laser Ablation Multi-Collector	College of Science & Technology	National Nuclear Security Administration	\$263,000.00
Andrew Jones Jr.	Preparation for Future Nuclear Scientists and Engineers	College of Science & Technology	U.S. Nuclear Regulatory Commission	\$100,000.00
Ralph Turner	Getting the Ph.D. 2012-2014	College of Science & Technology	National Science Foundation	\$987,000.00
Ralph Turner	Florida-Georgia Louis Stokes Alliance for Minority Participants	College of Science & Technology	National Science Foundation	\$1,722,572.00
Charles Weatherford	Experimental & Computational Studies on High Temperature Plasmas	College of Science & Technology	Tuskegee University	\$100,000.00
Ronald Williams	Advanced Accelerators: Particle Photo, and Plasma Wave Interactions	College of Science & Technology	U.S. Department of Energy	\$63,000.00
Emanuel Collins	Cooperative Systems: Task Allocation for Heterogeneous Agent Teams	FAMU/FSU College of Engineering	U.S. Department of Defense-Army Research Office	\$6,000.00
Carl Moore	URS Equipment Inventory and Data Management Support	FAMU/FSU College of Engineering	URS Corporation	\$77,803.00
Okenwa Okoli	Process Analysis for ATK Area I First Stage Element	FAMU/FSU College of Engineering	ATK Launch Systems, Inc.	\$133,715.00

<b>Principal Investigator</b>	<b>Title</b>	<b>School/College</b>	<b>Sponsor</b>	<b>Amount Awarded</b>
Subramanian Ramakrishnan	Research Initiation Award Grant: Colloidal Mixtures	FAMU/FSU College of Engineering	National Science Foundation	\$199,871.00
Hsu-Ping Wang	DOE Massie/National Nuclear Security Administration Program	FAMU/FSU College of Engineering	U.S. Department of Energy	\$286,671.00
Cynthia Hughes-Harris	Occupational Therapy Scholarships for Disadvantaged Students	School of Allied Health Sciences	U.S. Department of Health & Human Services-Health Resource & Service Administration	\$650,000.00
Marisa Lewis	Academic Enhancement of Graduate Health Management-Graduate (Title III)	School of Allied Health Sciences	U.S. Department of Education	\$132,000.00
Barbara Mosley	HBCU Student Wellness Grant	School of Allied Health Sciences	Florida Department of Health	\$40,000.00
Andrew Chin	Architecture Graduate Students Summer Program-Graduate (Title III)	School of Architecture	U.S. Department of Education	\$66,979.00
Doreen Kobelo	National Summer Transportation Institute Program	School of Architecture	Florida Department of Transportation	\$53,261.00
Doreen Kobelo	Dwight David Eisenhower Fellowship (Khalid Rasul)	School of Architecture	U.S. Department of Transportation-Federal Highway Administration	\$5,000.00
Doreen Kobelo	Dwight David Eisenhower Fellowship-Ricky Mason	School of Architecture	U.S. Department of Transportation-Federal Highway Administration	\$10,000.00
Doreen Kobelo	Dwight David Eisenhower Fellowship-Rudy Brooks	School of Architecture	U.S. Department of Transportation-Federal Highway Administration	\$7,500.00
Doreen Kobelo	Dwight David Eisenhower Fellowship-Sheldon Brown	School of Architecture	U.S. Department of Transportation-Federal Highway Administration	\$5,000.00
Doreen Kobelo	Dwight David Eisenhower Fellowships-Gerard Cadet	School of Architecture	U.S. Department of Transportation-Federal Highway Administration	\$3,000.00
Antonio Soares	Interdisciplinary Remote Instructional Support Center	School of Architecture	U.S. Department of Education	\$199,581.00
Michael Abazinge	Enhancement of a Ph.D. Program Environmental Science-Graduate (Title III)	School of the Environment	U.S. Department of Education	\$270,000.00
Michael Abazinge	A Regional Ecosystem Approach for the Conservation	School of the Environment	National Oceanic & Atmospheric Administration	\$2,507,000.00
			<b>GRAND TOTAL</b>	<b>\$30,898,299.00</b>

**PROPOSALS SUBMITTED FOR FISCAL YEAR 2012-2013 COURTESY OFFICE OF SPONSORED PROGRAMS**

<b>Principal Investigator</b>	<b>Title</b>	<b>School/College</b>	<b>Sponsor</b>	<b>Amount</b>
Decatur Rogers	New Approach to Self-Achievement (N.A.S.A.) STEM Bridge Programs	Office of the President	National Aeronautics and Space Administration/Shared Service Center	\$48,605.00
Rosalind Fuse-Hall	2012-2013 Strengthening Historically Black Colleges and Universities (HBCU) Programs/SAFRA	Administration	U.S. Department of Education	\$1,923,098.00
Rosalind Fuse-Hall	2012-2013 Historically Black Colleges and Universities Program Coordination/Undergraduate	Administration	U.S. Department of Education	\$6,596,640.00
Rosalind Fuse-Hall	2012-2013 Historically Black Colleges and Universities Program Coordination/Graduate	Administration	U.S. Department of Education	\$3,753,165.00
William Hudson Jr.	Upward Bound Math Science Regional Center	Administration	U.S. Department of Education	\$1,435,075.00
William Hudson, Jr.	Higher Education Emergency Communications	Administration	Florida Department of Education	\$74,000.00
Violetka Colova	Southern Vine Improvement & Distribution Program: Building Capacity for Clean Plant Diagnostic of American Native Grapes at Florida A&M University	College of Agriculture & Food Sciences	U.S. Department of Agriculture	\$172,409.00
Y. Ping Hsieh	Developing a Rapid Multi-Element Scanning Thermal Analysis (MESTA) Method for Material Characterization with Special Reference to Energetic Substances	College of Agriculture & Food Sciences	U.S. Department of Defense - Army Research Office	\$455,816.00
Moses Kairo	2012 Developing Biological Control and Other Safeguarding Tools to Manage Invasive Pest	College of Agriculture & Food Sciences	U.S. Department of Agriculture/Animal & Plant Health Inspection Service	\$200,000.00
Lambert Kanga	Towards the Development of a Microbial Control Strategy for Varroa Mite	College of Agriculture & Food Sciences	U.S. Department of Agriculture	\$25,000.00
Alfredo Lorenzo	From the Sky to the Sea: Investigating the Hydrologic Cycle in a Coastal Watershed, an Exemplary Pilot	College of Agriculture and Food Sciences	National Oceanic Atmospheric Administration\National Marine Fisheries Service	\$99,698.00
Odemari Mbuya	Interdisciplinary Training in Agroecology: Enhancing a Broader Training in Agricultural Science through Traditional and Web Based Curricula	College of Agriculture & Food Sciences	U.S. Department of Agriculture	\$123,000.00
Katherine Milla	Mentoring in Stream Nutrient Loads Crossing	College of Agriculture & Food Sciences	U.S. Department of Agriculture/Forest Service	\$46,726.00
Katherine Milla	Monitoring in-Stream Nutrient Loads Crossing into Florida	College of Agriculture & Food Sciences	U.S. Department of Agriculture/ Forest Service	\$5,000.00
Ray Mobley	Conducting Outreach to Socially Disadvantaged Farmers and Ranchers	College of Agriculture & Food Sciences	U.S. Department of Agriculture/Animal & Plant Health Inspection Service	\$50,000.00

<b>Principal Investigator</b>	<b>Title</b>	<b>School/College</b>	<b>Sponsor</b>	<b>Amount</b>
Ray Mobley	Establishment of Animal Science/Health-care Management Veterinary Technology	College of Agriculture & Food Sciences	U.S. Department of Agriculture/ Forest Service	\$500,000.00
Oghenekome Onokpise	McIntire-Stennis Forestry Research: Protection of Florida Forest Against Invasive Species Using Biological Control	College of Agriculture & Food Sciences	U.S. Department of Agriculture	\$86,184.00
Vonda Richardson	Expanded Food and Nutrition Education Program	College of Agriculture and Food Sciences	U.S. Department of Agriculture/ National Institute of Food and Agriculture	\$173,552.00
Marlon Thomas	CAREER: An Integrated Multidisciplinary Approach Towards the Development of Magnetic Probes and Micro Fluidic Systems for the Rapid Detection of Biological Agents on Contaminated Agricultural Products	College of Agriculture & Food Sciences	National Science Foundation	\$499,440.00
Michael Thomas	Climate Variability to Climate Change: Extension Challenges and Opportunities in the Southeast USA	College of Agriculture & Food Sciences	U.S. Department of Agriculture/ National Institute of Food and Agriculture	\$52,261.00
Lurleen Walters	Community Focused Agriculture in the Southeast: ARMS Based Analysis of Obstacles & Implications for Future Growth	College of Agriculture & Food Sciences	U.S. Department of Agriculture/ Economic Research Service/New Mexico State University	\$30,000.00
Lurleen Walters	New Mexico State University Subcontract with FAMU CAFS Distance Learning Initiative	College of Agriculture & Food Sciences	U.S. Department of Agriculture/ Economic Research Service	\$7,000.00
Oare-Dozier-Henry	Florida Campus Compact College Access AmeriCorps Program	College of Education	Volunteer Florida	\$17,625.00
Mark Howse	Black Male College Explorers Program	College of Education	Florida Department of Education	\$314,701.00
Mark Howse	FAMU SMART Academies 21st Century Community Learning Centers	College of Education	Florida Department of Education	\$193,400.00
Yolanda Bogan	National Women's Health Week 2013: Toddlers to Professors	College of Education	John Snow, Inc.	\$2,500.00
Patricia Hodge	Carl D. Perkins Career & Technical Education	FAMU Developmental Research School	Florida Department of Education	\$2,088.00
Patricia Hodge	Title II Part A: Improving the Academic Achievement of Disadvantage	FAMU Developmental Research School	Florida Department of Education	\$23,205.00
Patricia Hodge	Title I, Part A: Improving the Academic Achievement of the Disadvantaged	FAMU Developmental Research School	Florida Department of Education	\$183,346.00
Seth Ablordepey	American Foundation for Pharmaceutical Education Pre Doctoral Fellowship	College of Pharmacy & Pharmaceutical Sciences	American Foundation for Pharmaceutical Education	\$6,500.00
Mildred Brickler	Lead the Leaders Institute	College of Pharmacy & Pharmaceutical Sciences	Target Corporation	\$1,500.00
Perry Brown	Random Radon Sampling Study in Leon County	College of Pharmacy & Pharmaceutical Sciences	Florida Department of Health	\$4,000.00

Principal Investigator	Title	School/College	Sponsor	Amount
Selina Darling-Reed	Activation of Protective Mechanisms by Organ Sulfides in Benzo(a)pyrene Exposed Breast Epithelial Cells	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Cancer Institute	\$146,000.00
Hernan Flores-Rozas	Identification of Molecular Targets of Cryptolepine Derivatives for Antifungal Therapy	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Institute of General Medical Sciences	\$393,128.00
Carl Goodman	FAMU Bridges to the Baccalaureate Program	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Institute of General Medical Sciences	\$2,218,239.00
Otis Kirksey	Diabetes Management Fellowship	College of Pharmacy & Pharmaceutical Sciences	Abbott Pharmaceuticals	\$181,400.00
Nazarius Lamango	Targeting Polyisoprenylated Methylated Protein Methyl Esterase	College of Pharmacy & Pharmaceutical Sciences &	National Institutes of Health/National Cancer Institute	\$438,000.00
Nazarius S. Lamango	Targeting Polyisoprenylated Methylated Protein Methyl Esterase for Lung Cancer Diagnosis and Treatment	College of Pharmacy & Pharmaceutical Sciences &	National Institutes of Health/National Cancer Institute	\$686,699.00
Soheyla Mahdavian	The Effects of Discharge Counseling on Re-admission Rates at an Inpatient Psychiatric Facility	College of Pharmacy & Pharmaceutical Sciences	American Association of Colleges of College of Pharmacy & Pharmaceutical Sciences/ New Investigations Award	\$7,900.00
Renee Reams	Validation of the ABC Gene Family	College of Pharmacy & Pharmaceutical Sciences	U.S. Department of Defense	\$740,174.00
Mandip Sachdeva	Targeted Nanocarriers for Treatment of Lung Cancer	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Institute of General Medical Sciences	\$292,000.00
Mandip Sachdeva	Self-Emulsified Oral Formulation of a Nurr1 Agonist, DIM-D for Chemoprevention of UVB-Induced Skin Cancer	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Cancer Institute	\$449,950.00
John Scrivens	Community Health Centers of Pinellas	College of Pharmacy & Pharmaceutical Sciences	Community Health Centers of Pinellas, Inc.	\$291,267.00
Karam Soliman	RCMI Pharmaceutical Research Center	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Institute on Minority Health Disparities	\$14,074,885.00
Carrol Warren	Transdisciplinary Approach to Achievement Health Equity in Diabetes	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health	\$150,421.00
Hong Xiao	Multilevel Modeling with Spatially Adaptive Geographical Units	College of Pharmacy & Pharmaceutical Sciences	National Institutes of Health/National Cancer Institute	\$426,797.00
Mark Jack	Simons Fellows in Theoretical Physics Program, Sabbatical Leave Grant	College of Science & Technology	Simons Foundation	\$41,098.00
Mark Jack	Defense University Research Instrumentation	College of Science & Technology	U.S. Department of Defense	\$639,907.00
Mark Jack	National Science Foundation's Research Experiences for Undergraduates: SURPASS STEM Undergraduate Research in Parallel and Advanced Computing in the Sunshine State	College of Science & Technology	Florida State University	\$22,850.00
Ramesh Katam	Improving Drought Tolerance in Peanut to Enhance Toxin Contamination	College of Science & Technology	National Science Foundation	\$670,582.00



Principal Investigator	Title	School/College	Sponsor	Amount
Nelly Mateeva-Tarkalanova	Amyloid Inhibitors: Flavonoids Incorporated in Electrospan Biodegradable Nanofibers	College of Science & Technology	National Science Foundation	\$18,819.00
Nelly Mateeva-Tarkalanova	Synthetic Flavonoids for Inhibition and Disaggregation of Amyloid Fibrils	College of Science & Technology	National Institutes of Health/National Institute of General Medical Sciences	\$269,000.00
Carol Scarlett	Exotic Particles Search	College of Science & Technology	National Science Foundation	\$999,301.00
Patricia Stampe	Magnetic and Transport Properties of Dilute Magnetic Oxides	College of Science & Technology	U.S. Department of Defense	\$621,783.00
Ralph Turner	Florida-Georgia Louis Stokes Alliance for Minority Participation Bridge to the Doctorate	College of Science & Technology	National Science Foundation	\$987,000.00
Charles Weatherford	Quantum Control of Laser-Ion Interactions	College of Science & Technology	U.S. Department of Defense/Air Force Office of Scientific Research	\$610,000.00
Charles Weatherford	Megahertz Diagnostics for Turbulent Transport Parameters in Fusion Plasmas	College of Science & Technology	U.S. Department of Energy	\$1,600,000.00
Charles Weatherford	Laser Assisted Muon Catalyzed Fusion	College of Science & Technology	Nuclear Science and Security Consortium/University of California at Berkeley	\$227,116.00
Huijun Li	Validating Biomarkers for the Prodrome and Transition to Psychosis in Shanghai	College of Social Sciences, Arts & Humanities	Beth Israel Deaconess Medical Center	\$43,305.00
Huijun Li	Enhancing Mental Health of Asian Americans	College of Social Sciences, Arts & Humanities	Asian American Psychological Association-American Psychological Foundation/Okura Mental Health Leadership Foundation	\$2,400.00
Farrukh Alvi	High Temperature Supersonic Jet Noise Fundamental Studies and Control Using Advanced Actuation	FAMU/FSU College of Engineering	U.S. Department of Defense/Air Force Office of Scientific Research	\$532,179.00
Petri Andrei	Modeling and Simulation of a Nuclear Attack on the Power Grid, Traffic, and Communication Systems	FAMU/FSU College of Engineering	Nuclear Science and Security Consortium/University of California at Berkeley	\$249,662.00
Emmanuel Collins	A Novel Approach to Adaptive Flow Separation Control	FAMU/FSU College of Engineering	U.S. Department of Defense/Air Force Office of Scientific Research	\$443,100.00
Egwu Kalu	Electrochemically Modulated Extraction TALSPEAK Extraction System	FAMU/FSU College of Engineering	Nuclear Science and Security Consortium/University of California at Berkeley	\$248,711.00
Rajan Kumar	Compressible Dynamic Stall: Mechanism and its Control Using High Frequency Micro actuators	FAMU/FSU College of Engineering	U.S. Department of Defense/Air Force Office of Scientific Research	\$490,066.00
Carl Moore	Passive Variable Impedance Legs for Improved Dynamic Locomotion	FAMU/FSU College of Engineering	U.S. Department of Defense/Army Research Office	\$616,575.00
Okenwa Okoli	Self-Launch Systems AFT Core Attach Strut Fabrication Process Flow	FAMU/FSU College of Engineering	Alliant Techsystems Inc. Launch Systems	\$133,716.00
Rodney Roberts	Feature Extractions Using Complex Independent Component Analysis for Detection and Classification of Objects from Imaging Sensors	FAMU/FSU College of Engineering	U.S. Department of Defense	\$408,003.00

<b>Principal Investigator</b>	<b>Title</b>	<b>School/College</b>	<b>Sponsor</b>	<b>Amount</b>
Subramanian Ramakrishnan	Towards Ultra Light Weight Hybrids, Foams and Green Bodies: Structure Property Relationships in Novel Polymer Grated Nanoparticles	FAMU/FSU College of Engineering	U.S. Department of Defense	\$498,624.00
Kunihiko Taira	Simulation of Fluid Structure Interaction for High Reynolds Number Compressible Flow	FAMU/FSU College of Engineering	U.S. Department of Defense/Air Force Office of Scientific Research	\$444,200.00
Charles Evans	Construction Management Development Program	School of Business & Industry	Florida Department of Transportation	\$430,000.00
Ashvini Chauhan	Developing a Rapid Multi Element Scanning Thermal Analysis (MESTA) Method for Material Characterization with Special Reference to Energetic Substances	School of the Environment	U.S. Department of Defense	\$649,201.00
Ashvini Chauhan	CAREER: Comparative Impact of Predatory Bdellovibrio like Organisms (BLOs) and Viruses on the Marine Carbon Cycling Bacteria at Present and Elevated Temperatures	School of the Environment	National Science Foundation	\$913,139.00
Richard D. Gragg, III	Environmental Law and Justice Symposium: Climate Change and Global Food Security	School of the Environment	Environmental Protection Agency	\$14,605.00
Henry N. Williams	Environmental Effects of Oil & Dispersant on Bacterial Predation of Oil & Dispersant on Bacteria Predation of Oil Degrading and Other Selected Bacteria	School of the Environment	National Science Foundation	\$1,036,946.00
Henry N. Williams	Bdellovibro and Like Organisms (BALO) as Potential Bio Control Agents Against Shiga Toxin-Producing Escherichia Coli (STEC) and Salmonella on Beef Cattle Hide	School of the Environment	Texas A&M University	\$40,240.00
			<b>GRAND TOTAL</b>	<b>\$51,504,522.00</b>

## ANNOUNCEMENTS

### The Hydrocephalus Association (HA) in partnership with the Rudi Scheulte Research Institute (RSRI) announces Request for Applications (RFA)

The purpose of this RFA is to support one or more high quality, innovated and timely research projects of established investigators that will advance the understanding and control of the normal and abnormal regulation of cerebrospinal fluid (CSF) production, flow, resorption, pressure and pulsatility as they relate to the etiology, progression, and resolution of congenital or acquired forms of hydrocephalus in neonates, children, adults and/or the elderly. Applications will be accepted from experienced researchers in basic, translational and clinical research relevant to hydrocephalus. Highest priority will be given to work addressing both understanding and control of physiologic or pathophysiologic mechanisms in hydrocephalus that is likely to lead to changes in diagnostics, therapeutics or clinical in the next ten years.



Support is available for 1 to 3 research projects of 1 to 3 years duration. We have identified a total pool of \$200,000 annually and expect research funding to begin in late 2013. Potential applicants must complete and submit a letter of intent form by **January 4, 2013** describing the nature of the proposed project and its relationship to hydrocephalus. **Forms and other application materials can be found on the HA website under Research Funding Opportunities/Current Requests for Applications. Completed applications must be submitted by in a single PDF document by March 1, 2013.** To learn more about the Hydrocephalus Association, visit our website at <http://www.hydroassoc.org>. All inquiries about this RFA should be made via email to [Research@hydroassoc.org](mailto:Research@hydroassoc.org).

### REQUEST FOR PROPOSALS (FDDC #2012-CD-10600) Universal Design for Learning through Technology



The Florida Developmental Disabilities Council, Inc. (FDDC) is pleased to announce that this request for proposals (RFP #2012-CD-10600) is released to assist two school districts to purchase classroom technology that will facilitate the meaningful inclusion of students with physical and/or cognitive disabilities in general education classes.

Individuals, not-for-profit, and for-profit agencies may submit proposals in response to this RFP. FDDC has set aside a maximum of \$100,000 federal funds for a period not to exceed one (1) year for fiscal support of this RFP. The exact amount of the contracts will be developed during contract negotiations. Copies of this RFP can be downloaded from the FDDC website ([www.fddc.org](http://www.fddc.org)) or copies may be requested

by writing FDDC at 124 Marriott Drive, Suite 203, Tallahassee, FL 32301, or calling (850) 488-4180 or Toll Free 1-800-580-7801 or TDD Toll Free (888) 488-8633.

**The deadline for submitting written questions and letters of intent for this RFP is Monday, December 3, 2012 by 4:00 p.m. EST.** Letters of intent are encouraged but not mandatory. All answers to written questions will be posted on the FDDC website during the week of **December 10, 2012.** **The deadline for submitting proposals for this RFP to FDDC is January 28, 2013 by 2:00 p.m. EST. PLEASE**

**FORWARD ALL REQUESTS FOR COPIES OF THIS RFP TO CAROLYN WILLIAMS. QUESTIONS ARE TO BE SUBMITTED IN WRITTEN FORMAT ONLY. THIS IS A LEGAL PROCESS AND WE CANNOT ANSWER QUESTIONS VERBALLY.**

**2013 NASA Summer Internship/Fellowship Application Now Open—Deadline: March 15, 2013!**

**The application for summer 2013 internships/fellowships is now open!**

Please visit the OSSI SOLAR Launch Pad at <http://intern.nasa.gov> to start an application or update your existing application to be considered for these new opportunities. If you have questions or need assistance, please contact your OSSI Broker Facilitator (aka Recruitment Specialist), **Ms. Sondra Lancaster**, via email at: [nasaossi@uncfsp.org](mailto:nasaossi@uncfsp.org) or by phone: (703) 205-8137.

The OSSI SOLAR Launch Pad also provides video tutorials that feature valuable tips for applying to internship and fellowship opportunities.

**SOLAR: Registration, Profile, and Application**

<https://intern.nasa.gov/content/news/student-tutorialsguidance/solar-searching-for-and-applying-to-opportunities/index.html>

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**Questions? Contact: Sondra M. Lancaster, OSSI Program Manager, Phone: (703) 205-8137, Email: [nasaossi@uncfsp.org](mailto:nasaossi@uncfsp.org)**



**The Bill & Melinda Gates Foundation** announced more than \$21 million in new grants through its Grand Challenges Explorations initiative. Information on the program and the new global health and development projects being funded can be found at [www.grandchallenges.org/about/Newsroom/Pages/GCERound9Grants.aspx](http://www.grandchallenges.org/about/Newsroom/Pages/GCERound9Grants.aspx).

We would also like to remind you that we are inviting proposals for the following grant opportunity:

The Grand Challenges in Global Health initiative is accepting letters of inquiry for the new grant program TB Vaccine Accelerator. This program seeks to develop models of natural Mycobacterium tuberculosis transmission, define key transmission properties, and develop new approaches to vaccination that will protect against infection. Program details and application instructions are available at [www.grandchallenges.org/GrantOpportunities/Pages/TBVaccineAccelerator.aspx](http://www.grandchallenges.org/GrantOpportunities/Pages/TBVaccineAccelerator.aspx). Letters of inquiry are being accepted online until November 26, 2012 at 11:59 a.m. Pacific Time.

Thank you for your commitment to solving the world's greatest health and development challenges. Guided by the belief that every life has equal value, the Bill & Melinda Gates Foundation works to help all people lead healthy, productive lives.

The National Institute on Minority Health and Health Disparities (NIMHD) at the National Institutes of Health (NIH), in collaboration with the Environmental Protection Agency (EPA) has issued a Request For Information (RFI) to gather public comments on potential research topics for the proposed establishment of New Centers of Excellence on Environment and Health Disparities. <http://grants.nih.gov/grants/guide/notice-files/NOT-MD-13-002.html>

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