Florida A&M University’s (FAMU) Institute of Public Health (IPH) in the College of Pharmacy and Pharmaceutical Sciences (CoPPS) is receiving an $80,000 grant from Blue Cross and Blue Shield of Florida’s (BCBSF) Foundation, The Blue Foundation for a Healthy Florida. According to IPH professor and director, Cynthia M. Harris, Ph.D., DABT, the project is designed to build a multisectoral coalition in Leon County to address childhood obesity.

Pharmacy professor and Acting VP for Research, K. Ken Redda, Ph.D., said, “We are excited that one of our productive principal investigators (PIs), Dr. Cynthia M. Harris, will be funded for the ‘Healthy Children! Healthy Future! Healthy Tallahassee! Hope thru Childhood Obesity Prevention Education (COPE) Coalition’ Project. The FAMU Division of Research will provide the PI full support and cooperation in executing this grant, and assures the BCBSF Foundation’s confidence in its selecting FAMU as a good steward of this gift.”

Pharmacy Dean Henry Lewis III, PharmD, indicated, “this is another significant collaboration between BCBSF and the College of Pharmacy and Pharmaceutical Sciences. The BCBSF Auditorium, is funded by Blue Cross and Blue Shield, and located in the New Pharmacy Building, has provided the venue for thousands of students, faculty, staff and the community at large to receive education and health information provided by the numerous programs that have been hosted in the Auditorium.”

Dr. Harris is encouraged by the impact this award will bring to the community. “We are very excited about this award and the wonderful collaboration of partners united to combat childhood obesity in Leon County,” said Harris.

Tallahassee is one of five Florida cities collaborating with The Blue Foundation through Embrace a Healthy Florida – The Blue Foundation’s childhood obesity initiative.

“Childhood obesity’s widespread threat to children, families, communities and the health care system compels us to take action,” said Susan Towler, vice president, The Blue Foundation for a Healthy Florida. “Through Embrace a Healthy Florida, we hope to work side-by-side with the Tallahassee coalition to stop the epidemic before more of our children develop diabetes, heart disease and other obesity-related health problems.”

These concerted efforts may help to parallel and promote similar endeavors in Jacksonville, Orlando, Tampa and Miami.
The Florida Department of Children and Families and Florida Atlantic University (FAU) recently signed a five-year renewal form offering the continuance of Title IV-E Child Welfare Education Program through June 30, 2015. Subsequently, FAMU has renewed its sub-contract status with FAU in the amount of $360,000 or $72,000 annually from 2010-2015. Known for authenticity, FAMU’s Department of Social Work’s staff is comprised of associate professor Brenda Jarmon, Ph.D., principal investigator (PI) and visiting assistant professor, Katisa Donaldson, MSW, Title IV-E Program Coordinator and co principal investigator. During the initial five-year (2005-2010) period, the Title IV-E grant allowed the FAMU Department of Social Work to award $360,000 worth of stipends to full-time B.S.W. and M.S.W. students.

The Program places emphasis on foster care, adoption and permanency planning, offering a field internship that emphasizes working with children and families where incidents of abuse and neglect occur, and providing an internship setting in an approved community-based agency under the supervision of a uniquely qualified MSW instructor, who understands the challenges that families in this system present.

The Program offers two classes: 1) Children and the Law (SOW 4651) and 2) Social Work with Children (SOW 4654) in order to prepare the Title IV-E recipients for the State of Florida Child Welfare Certification Examination. During the 2005-2010 academic terms, 20 students successfully took the Exam with a passing score of 80 percent or higher. Additionally, the Title IV-E Program has assisted over 30 students in retaining full-time employment in the child welfare profession throughout Florida.

This grant pays Professor Donaldson’s full salary, allowing the Social Work Department to have another full-time faculty line. Donaldson teaches two courses in the Department (SOW 4651, Social Work with Children, and SOW 4654, Social Work and the Law). The grant also allows her to teach a field seminar class (SOW 4522-302) for Title IV-E Program recipients to prepare them for the state exam in foster care and adoption. Finally, the grant funds 12 deserving students annually @ $6,000 each for a total of $72,000.

For more info on the Title IV-E Child Welfare Education Program, please call the FAMU Department of Social Work at (850)599-3456.
FAMU POSTDOC SPOTLIGHT -
DANIEL C. LEE, PH.D.

Daniel C. Lee, Ph.D., is a post-doctoral scholar at the USF Byrd Alzheimer’s Institute in the Department of Molecular Pharmacology and Physiology. A native of Pennsylvania, Daniel received his B.S. degree in Chemistry in 1999 at Lincoln University, Pennsylvania and his Ph.D. in Pharmaceutical Sciences in Pharmacology/Toxicology at Florida A&M University, College of Pharmacy & Pharmaceutical Sciences in 2005. His dissertation work involved the role of Cystatin C and lysosomal protease alterations following 6-hydroxydopamine induced oxidative stress: Implications in the pathogenesis of Parkinson’s disease. His current research interest focuses on novel therapies for Alzheimer’s disease models and the role of neuro-inflammation on Tau and amyloid beta pathology.

Daniel has received numerous accolades during his tenure at USF including the USF Research Interdisciplinary Post-doctoral Scholar Outstanding Presentation Award, Symposium Winner three times (2007, 2008, and 2009) and seven travel awards to international conferences. He has published in eight peer reviewed journals and has presented his research at 14 international conferences.

Daniel is a member of the Society for Neuroscience and The American Society for Neural Therapy and Repair, and has served as a Federation of American Societies for Experimental Biology MARC peer mentor since 2006.

Reprinted with permission from The Global Researcher University of South Florida Postdoctoral Newsletter.

FAMU ASSOCIATE PROFESSOR AWARDED FULBRIGHT GRANT TO CONDUCT RESEARCH IN NIGERIA

FAMU Associate Professor of Chemical and Biomedical Engineering Egwu E. Kalu has been awarded a Fulbright Scholar grant to lecture and conduct research at Covenant University, Ota in Nigeria during the 2010-2011 academic year.

Professor Kalu will conduct research in collaboration with Covenant University faculty colleagues in renewable energy system investigating the development of a continuous reactor and catalyst system for the production of biodiesel using local raw materials that will not impact adversely on the food security issues of the country. Kalu, one of approximately 1,100 U.S. faculty and professionals who will travel abroad through the Fulbright U.S. Scholar Program, will also teach computational methods in chemical engineering.

“I was very excited,” Kalu said of his initial reaction. “This a great opportunity - not just for me, but for my field and the University. Energy is a major issue and the support I have received has been tremendous.”

The Fulbright Program, America’s flagship international educational exchange program, is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs. Since its establishment, the Fulbright Program has provided approximately 286,500 people - 108,160 Americans who have studied, taught or researched abroad and 178,340 students, scholars and teachers from other countries who have engaged in similar activities in the United States - with the opportunity to observe each other’s political, economic, educational and cultural institutions, to exchange ideas and to embark on joint ventures of importance to the general welfare of the world’s inhabitants.

Kalu joined the faculty of the FAMU-FSU College of Engineering as an assistant professor of chemical engineering. Since his arrival at the College, he has taught courses in the different areas of chemical engineering including courses in numerical computations, materials science, kinetics and reactor design, and electrochemical engineering. His research interests are in the synthesis of nanocluster materials for renewable energy systems including electrocatalytic materials for batteries, fuel cells and hydrogen generation.

Kalu has been published in prestigious journals and conferences in his profession. He is the recipient of a number of honors and awards including the NASA Faculty Fellowship, Lockheed Martin E&M Minority Institution of the Year Award and FSU First-Year Assistant Professor Research Award.

Courtesy FAMUINFO, 09/10/2010

Daniel C. Lee, Ph.D., is a post-doctoral scholar at the USF Byrd Alzheimer’s Institute in the Department of Molecular Pharmacology and Physiology. A native of Pennsylvania, Daniel received his B.S. degree in Chemistry in 1999 at Lincoln University, Pennsylvania and his Ph.D. in Pharmaceutical Sciences in Pharmacology/Toxicology at Florida A&M University, College of Pharmacy & Pharmaceutical Sciences in 2005. His dissertation work involved the role of Cystatin C and lysosomal protease alterations following 6-hydroxydopamine induced oxidative stress: Implications in the pathogenesis of Parkinson’s disease. His current research interest focuses on novel therapies for Alzheimer’s disease models and the role of neuro-inflammation on Tau and amyloid beta pathology.

Daniel has received numerous accolades during his tenure at USF including the USF Research Interdisciplinary Post-doctoral Scholar Outstanding Presentation Award, Symposium Winner three times (2007, 2008, and 2009) and seven travel awards to international conferences. He has published in eight peer reviewed journals and has presented his research at 14 international conferences.

Daniel is a member of the Society for Neuroscience and The American Society for Neural Therapy and Repair, and has served as a Federation of American Societies for Experimental Biology MARC peer mentor since 2006.

Reprinted with permission from The Global Researcher University of South Florida Postdoctoral Newsletter.

FAMU POSTDOC SPOTLIGHT -
DANIEL C. LEE, PH.D.

Daniel C. Lee, Ph.D., is a post-doctoral scholar at the USF Byrd Alzheimer’s Institute in the Department of Molecular Pharmacology and Physiology. A native of Pennsylvania, Daniel received his B.S. degree in Chemistry in 1999 at Lincoln University, Pennsylvania and his Ph.D. in Pharmaceutical Sciences in Pharmacology/Toxicology at Florida A&M University, College of Pharmacy & Pharmaceutical Sciences in 2005. His dissertation work involved the role of Cystatin C and lysosomal protease alterations following 6-hydroxydopamine induced oxidative stress: Implications in the pathogenesis of Parkinson’s disease. His current research interest focuses on novel therapies for Alzheimer’s disease models and the role of neuro-inflammation on Tau and amyloid beta pathology.

Daniel has received numerous accolades during his tenure at USF including the USF Research Interdisciplinary Post-doctoral Scholar Outstanding Presentation Award, Symposium Winner three times (2007, 2008, and 2009) and seven travel awards to international conferences. He has published in eight peer reviewed journals and has presented his research at 14 international conferences.

Daniel is a member of the Society for Neuroscience and The American Society for Neural Therapy and Repair, and has served as a Federation of American Societies for Experimental Biology MARC peer mentor since 2006.

Reprinted with permission from The Global Researcher University of South Florida Postdoctoral Newsletter.

FAMU ASSOCIATE PROFESSOR AWARDED FULBRIGHT GRANT TO CONDUCT RESEARCH IN NIGERIA

FAMU Associate Professor of Chemical and Biomedical Engineering Egwu E. Kalu has been awarded a Fulbright Scholar grant to lecture and conduct research at Covenant University, Ota in Nigeria during the 2010-2011 academic year.

Professor Kalu will conduct research in collaboration with Covenant University faculty colleagues in renewable energy system investigating the development of a continuous reactor and catalyst system for the production of biodiesel using local raw materials that will not impact adversely on the food security issues of the country. Kalu, one of approximately 1,100 U.S. faculty and professionals who will travel abroad through the Fulbright U.S. Scholar Program, will also teach computational methods in chemical engineering.

“I was very excited,” Kalu said of his initial reaction. “This a great opportunity - not just for me, but for my field and the University. Energy is a major issue and the support I have received has been tremendous.”

The Fulbright Program, America’s flagship international educational exchange program, is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs. Since its establishment, the Fulbright Program has provided approximately 286,500 people - 108,160 Americans who have studied, taught or researched abroad and 178,340 students, scholars and teachers from other countries who have engaged in similar activities in the United States - with the opportunity to observe each other’s political, economic, educational and cultural institutions, to exchange ideas and to embark on joint ventures of importance to the general welfare of the world’s inhabitants.

Kalu joined the faculty of the FAMU-FSU College of Engineering as an assistant professor of chemical engineering. Since his arrival at the College, he has taught courses in the different areas of chemical engineering including courses in numerical computations, materials science, kinetics and reactor design, and electrochemical engineering. His research interests are in the synthesis of nanocluster materials for renewable energy systems including electrocatalytic materials for batteries, fuel cells and hydrogen generation.

Kalu has been published in prestigious journals and conferences in his profession. He is the recipient of a number of honors and awards including the NASA Faculty Fellowship, Lockheed Martin E&M Minority Institution of the Year Award and FSU First-Year Assistant Professor Research Award.

Courtesy FAMUINFO, 09/10/2010

Daniel C. Lee, Ph.D., is a post-doctoral scholar at the USF Byrd Alzheimer’s Institute in the Department of Molecular Pharmacology and Physiology. A native of Pennsylvania, Daniel received his B.S. degree in Chemistry in 1999 at Lincoln University, Pennsylvania and his Ph.D. in Pharmaceutical Sciences in Pharmacology/Toxicology at Florida A&M University, College of Pharmacy & Pharmaceutical Sciences in 2005. His dissertation work involved the role of Cystatin C and lysosomal protease alterations following 6-hydroxydopamine induced oxidative stress: Implications in the pathogenesis of Parkinson’s disease. His current research interest focuses on novel therapies for Alzheimer’s disease models and the role of neuro-inflammation on Tau and amyloid beta pathology.

Daniel has received numerous accolades during his tenure at USF including the USF Research Interdisciplinary Post-doctoral Scholar Outstanding Presentation Award, Symposium Winner three times (2007, 2008, and 2009) and seven travel awards to international conferences. He has published in eight peer reviewed journals and has presented his research at 14 international conferences.

Daniel is a member of the Society for Neuroscience and The American Society for Neural Therapy and Repair, and has served as a Federation of American Societies for Experimental Biology MARC peer mentor since 2006.

Reprinted with permission from The Global Researcher University of South Florida Postdoctoral Newsletter.

The Researcher - Fall Semester 2010 Edition
What is new in the new animal model that has investigators all buzzing? Well it is the Zebrafish!! The zebrafish, Brachydanio rerio (also referred to as Danio rerio and the zebra danio), is currently emerging as an increasingly popular model of vertebrate embryonic development, gene function analysis, and mutagenesis. This small boney belongs to the teleostei and as such is a vertebrate. All vertebrates show extensive similarities in early development, organogenesis, and physiology; researchers have been able to use this model for applications for human disorders.

The fruit fly Drosophila melanogaster and also the nematode Caenorhabditis elegans have been used for many years for investigation of early embryonic development. With the discoveries of George Streisinger, a molecular biologist from the University of Oregon, the Zebrafish has a physiology that is parallel to humans and roughly 70 percent of their genome is identical to ours! Female Zebrafish lay a large number of eggs (more than 10,000 per year) compared to two or three dozen pups from a female mouse for her lifetime.

What makes this animal model so attractive to developmental biology is the fact that the embryos are optically transparent. You are able to observe the cells in the living embryo. Zebrafish embryos develop very rapidly, and 24 hours after fertilization the embryos have a fish-like appearance with most of the organ systems already functioning. With the use of green fluorescent protein (GFP) marking systems, researchers have been able to follow the development organ systems from inception to completion. This technology, for example, has led to the discovery of the skin color gene which has been used for the implications for skin cancer treatment, crime-scene analysis, and even cosmetics. Also the zebrafish has gained new insight in the drug discovery areas where it has been used for high content screening for prioritizing of drug discoveries. Just within the last 10 years, zebrafish academia research has increased fortyfold.

HOUSING
To house this tiny fish may take an initial cost, but they are extremely easy to maintain. The minimum specifications of the zebrafish aquatic housing system need to include:

1. A system that contains equipment that will allow for rearing of larval zebrafish to adult age for the study;
2. A system that automatically maintains constant temperature, water quality and light environment;
3. A system that has a healthy environment for fish and fully exchange the system water automatically on a weekly basis;
4. Zebrafish housings unit must have the following:

(Cont. on page 6)
Through a competitive grant process with the U.S. Department of Education (DoEd), Federal TRIO Programs, FAMU has been awarded approximately $1.6M for the coming five years ($320,000 annually) for Student Support Services (SSS). Awards are provided to institutions of higher education to provide opportunities for academic development, to assist students with basic college requirements, and to motivate students toward the successful completion of their postsecondary education. According to K. Ken Redda, Ph.D., Professor and Acting Vice President for Research, “This (award) is a testament of the hard work and commitment of the School of General Studies Dean, Dorothy F. Henderson, Ph.D. and SSS Program Director, Linda C. Williams, along with the entire team in making sure that all the necessary support is provided to our students so they can succeed academically.” This new grant, received under the FY 2010 SSS Competition for New Awards, commenced on September 1, 2010, according to Linda Byrd-Johnson, Ph.D., Federal TRIO Programs Director.

All SSS projects must provide: academic tutoring, which may include instruction in reading, writing, study skills, mathematics, science, and other subjects; advice and assistance in postsecondary course selection, assist students with information on both the full range of student financial aid programs, benefits and resources for locating public and private scholarships; and assistance in completing financial aid applications. Education or counseling services designed to improve the financial and economic literacy, and assist students in applying for admission to graduate and professional programs; and assist students enrolled in two-year institutions and applying for admission to, and obtaining financial assistance for enrollment in four-year programs. The SSS projects may also provide individualized counseling for personal, career, and academic information, activities, and instruction designed to acquaint students with career options; exposure to cultural events and academic programs not usually available; mentoring programs, securing temporary housing during breaks for students who are homeless youths and students who are in foster care or are aging out of the foster care system.

Sara Gast, Public Affairs Specialist, U.S. Department of Education, indicated: “This year, $301M was distributed in grants to help low-income, first-generation students and students with disabilities complete their postsecondary programs. There were a total of 954 new grants and 77 continuation awards.” The goal of SSS is to increase the college retention and timely graduation rates of its participants.

For updated opportunities, contact Mary Dominguez, Grants Management Specialist, U.S. Department of Education, Federal TRIO Programs at (202)219-7059 or mary.dominguez@ed.gov.
Commercial fish flakes found in all pet stores
Paramecium (baby zebrafish) - Afternoon feedings are done with Flake Food.
Frozen or live brine shrimp - If there is food left over after 10 minutes from
Brine shrimp larvae - Morning feedings are done with Brine Shrimp.
Cichlid pellets (ground) - All the zebrafish should be fed 2-3 times daily.
Hardboiled egg yolk (crumbled)

a. Fully-enclosed rack and tank system so it can be used in multi-use laboratory;
b. Self cleaning tanks;
c. Blue-tinted tanks that prevent algal growth;
d. Fully automated light controlled system that can be set for specific light regimes;
e. Maintenance support;
f. UV Sterilizer;
g. Temperature control; and
h. Breeding tanks and screening baffles
5. The startup cost ranges from $25,000 - $40,000 for the initial set up, but this may include up to 24 tanks. It will all depend on how you plan to expand your research.

FEEDING
Baby and adult zebrafish have different diets, so one has to be aware of the age of the zebrafish when it comes to feeding. Adult zebrafish should be fed twice daily with a variety of foods. Do not overfeed, and note that live food (e.g., brine shrimp larvae, tubifex worms) promotes breeding. Feed an amount that will allow all fish to get some food, but will also be consumed within 5–10 minutes. If you wish to breed your fish, you should increase their feedings to three per day for at least two weeks.

Here are some examples of the types of foods:
• Commercial fish flakes found in all pet stores
• Paramecium (baby zebrafish)
• Frozen or live brine shrimp
• Brine shrimp larvae
• Live tubifex worms
• Cichlid pellets (ground)
• Hardboiled egg yolk (crumbled)

Parameciums are one-celled organisms that are found in freshwater environments. They are only fed to zebrafish babies that are five to 14 days old. Parameciums are ready to filter and feed babies after growing for five to seven days.

The frequency of feeding is very important. The following should be your guide.
• All the zebrafish should be fed 2-3 times daily.
• Morning feedings are done with Brine Shrimp.
• Afternoon feedings are done with Flake Food.
• If there is food left over after 10 minutes from feeding, the amount given was too much and should be corrected the following time.

MAINTENANCE
Proper maintenance of the tanks makes the difference in a healthy research project or one that is full of setbacks. The primary goal is to maintain the aquatic system in a balanced state where host and potential pathogen coexist in the controlled laboratory environment. Poor fish health is often a reflection of one or more environmental variables: proper temperature or pH, water hardness/alkalinity, nutrition, overstocking or bacterial growth.

Temperature is critical to survival. Optimal temperature is 75–82°F (24–28°C). A change must be limited to ± 1.5°F a day. When the water temperature is raised or lowered abruptly then it causes an internal shock reaction in the fish. The room temperature must be maintained at 78–81°F (24–27°C). This temperature will help prevent condensation of water on the external surfaces of the aquaria, wall and floors.

Dissolved Oxygen content must not drop below the critical level or the fish will asphyxiate. The fish will exhibit ‘the bends’ or develop a disease known as Gas Bubble Disease. Air should be pumped at the rate of 2 liters/min for each 100 liters of system water. The pH range is 6.8–7.2 with 7.0 being optimal. Higher pH causes higher concentrations of ionized ammonia (NH₃) and low pH inhibits the activity nitrifying bacteria which increases the total ammonia levels. Conductivity is an indicator of the total amount of dissolved ions in a solution that includes sodium and other ionized minerals. The salinity range for optimal growth and reproduction is 100–300 ms (micro-siemens). The total water hardness refers to the amount of calcium and magnesium in the water. Zebrafish are considered ‘hard’ water species with the optimum calcium and magnesium levels between 80-200 ppm.

Your fish’s health must be evaluated daily. Use the following as your guide:

Common symptoms of sick fish include, but are not limited to:
1. body shape emaciated ("skinny") or bent;
2. bloating with raised scales, resulting in a fuzzy appearance;
3. limp appearance, fins held close or folded rather than spread;
4. eye bulging;
5. open sores;
6. internal hemorrhaging;
7. torn or abnormally truncated fins;
8. damaged or missing operculum (gill covering);
9. flared, red gills and rapid breathing;
10. erratic swimming (head-up, twirling, etc.);
11. prolonged resting on tank bottom or floating at the surface; and
12. gas bubbles adhering to body; gas bubbles on sides of tank or on surface of water (this latter "symptom" is an early stage in gas bubble disease which progresses very quickly.)

The staff in the Animal Care Facilities at Florida A&M University is here and ready to help you with your new zebrafish colony and the space is available for you to start right away. Please contact Tanise L. Jackson, DVM at (850)599-3214 if you have questions about this article or are ready to start your colony. My staff and I are here to assist your research efforts as you contribute to the FAMU enterprise, thus furthering knowledge around the globe.
Ramesh Katam, Ph.D., a researcher at the Center for Viticulture and Small Fruit Research, College of Engineering Sciences, Technology and Agriculture at Florida A&M University has been selected by the National Institute of Crop Research, Tsukuba, Japan to visit for two months and conduct research on grape and peanut proteomics. The program is funded by a grant from the Japan Science Foundation and invites eminent scientists in the field of their expertise across the world to promote science and motivate the scientists in functional genomics.

Dr. Katam is working with Mehboob Sheikh, Ph.D., in the Plant Biotechnology Lab, FAMU Center for Viticulture and Small Fruit Research. He is analyzing abiotic stress mechanism on dynamics model on omics at cellular and molecular level in crops such as peanuts, grapes, and soybeans to enhance their tolerance to environmental stresses such as water stress, heat and toxic metals. His research involves omics research integrating proteomics and informatics analysis of gene networks. The interaction between genes is clarified by applying a dynamics model by the differential equation expression to omics data acquired in the time series and the clarification of an environmental resistance aimed at better understanding molecular and cellular responses of plant to abiotic stress.

Dr. Katam will travel to Japan on November 17, 2010. During his visit, he will attend and make two presentations, one at the International Symposium on Frontiers in Agriculture Proteome Research, Tsukuba, Japan, and another at the Conference on Biochemistry and Microbiology Conference, Kobe, Japan. He will also visit several other institutions in Japan such as the National Institute of Agrobiological Sciences, Mitsubishi Space Software Corporation and Maebashi Institute of Technology in Japan. He will conduct workshops and deliver lectures at these institutions on recent trends of functional genomics in agriculture. Currently he is collaborating with one of these institutions and ascertains that his travel to Japan will bring more collaboration from different institutions of Japan to FAMU which will enhance our research skills, collaborative research and academic environment at FAMU. Students and faculty at the Center for Viticulture and CESTA will have wide opportunities in enhancing their skills in functional genomics which include transcriptome, proteome and metabolome.

One of the most significant outcomes of his visit is that it provides a potential for long term research partnership through exchange of students and faculty, funding opportunities and faculty enhancement through research oriented teaching, and development of new research areas in cutting edge technologies. This will also present access to their resources such as plant materials, equipment and technical knowhow which can be incorporated into U.S. agriculture to enhance productivity, quality and market values of U.S. crops.

To register for this competitive workshop, visit: http://www.dnalc.org/educatorapps/dnasubway.html?wshop=60. For more information, contact Dr. G. Hacisalihoglu at gokhan.h@famu.edu or 850-599-3907.

The Department of Biology at FAMU, along with the Cold Spring Harbor Laboratory (CSHL), New York will offer an education training workshop this coming spring semester at FAMU.

Organized by G. Hacisalihoglu, Ph.D., an associate professor of biology at FAMU and representatives from CSHL, a world leader in DNA research, invite post-secondary science faculty to attend a two-day training workshop on Genomics in Education, DNA Subway, and Bioinformatics presented by CSHL, a trendsetter in the fields of genetic research and education. The workshop is scheduled for Friday and Saturday, January 21-22, 2011 from 8 a.m. to 5 p.m. on FAMU’s campus.

Participants will learn a new software ‘DNA Subway’ for annotating and comparing genome sequences, construct gene models, build phylogenetic trees, and analyze next-generation sequencing data. “This workshop is targeted to post-secondary science faculty (biology, genetics, plant biology, and life sciences) who wish to incorporate genomics and bioinformatics into their teaching” said Dr. Hacisalihoglu.
R&D projects represent the first phase of awards in three categories from 2010 New Florida Initiative funds, in the partnership between the Board of Governors, Florida Legislature and Legislative leaders cite grants as ‘creating the high-paying careers of the future here in Florida.’

TALLAHASSEE, Fla. – The 2010 Florida Legislature appropriated $2 million for the State University Research Commercialization Assistance Grants program. Among the 10 state universities, 21 projects have been announced as the award winners, ranging from wireless health care medication regimens and technological devices to help premature babies survive to an array of alternative energy projects.

Following the process outlined in statute, the awards were reviewed and approved at a recent meeting of the Florida Technology, Research, and Scholarship Board (FTRSB). Proposals were submitted in late summer, and the statute requires award recipients to be chosen by October 30.

Individual awards range from $30,000 to $200,000. The complete list and short descriptions of each project include: (See chart below.)

"This is an exciting day for the dedicated researchers, faculty members and students who work so hard conducting lab work, testing the theories and innovations that will help create jobs and transform our state into a knowledge-based economy for long-term economic growth,” said Ann Duncan of Tampa, the Board of Governors representative on the FTRSB who is also the chair of the Academic and Student Affairs Committee on the 17-member Florida Board of Governors of the State University System. “We appreciate the legislative support for commercialization grants, and the Board of Governors is confident that these awards will translate into extraordinary examples of collaboration across our public university system.”


10/01/2010

State University Research Commercialization Assistance Grant Program (2010)
Florida Technology, Research and Scholarship Board

<table>
<thead>
<tr>
<th>University</th>
<th>Proposal</th>
<th>Phase</th>
<th>Funding Request</th>
<th>Summary</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMU</td>
<td>&quot;Patented&quot; Technologies (Healthcare)</td>
<td>2</td>
<td>$99,809</td>
<td>This project seeks to leverage the State's resources by proposing to prepare comprehensive business plans for four (4) recently &quot;patented&quot; FAMU technologies along with a unique Commercialization Training Program and Forum for Faculty Innovators. The project also includes an SBIR-type program to assist with expediting the commercialization efforts of FAMU's most promising technologies.</td>
<td>$65,000</td>
</tr>
</tbody>
</table>
Increasing the Resveratrol Content of Grapes to Enenhance Their Nutraceutical Characteristics and Market Value

Mehboob B. Sheikh, Ph.D.
Professor, Plant Biotechnology
Center for Viticulture and Small Fruit Research

Muscadine grapes contain high concentration of polyphenols that are known to be involved in plant defense. Resveratrol encoded by stilbene synthase (STS) is one of the important phenolic compounds found in muscadine grape that has antimicrobial activity as well as health benefits. Furthermore, the resveratrol present in muscadine grape exists in trans-form, which is the most active form. Our research is focused on cloning the gene/s encoding STS to increase plant defense and nutraceutical value of grape products. Our studies have shown that the muscadine grape contains six isoforms of stilbene synthase gene and differ from that of the bunch grape. We have derived full-length of the STS gene and found it to be unique to the muscadine grape. Deduced amino acid sequence and protein modeling analysis compared to STS genes from other crops have shown them to be unique and suggests that STS synthesis can be further increased to improve disease tolerance of grape for improving their yield, product quality and market value. Studies are in progress to better understand STS gene regulation in resveratrol production during berry development for increasing its content among the commercial grape cultivars to improve their nutraceutical value and market value. Further, this will aid in developing new value-added grape products to increase the grower’s profits and product marketability. Resveratrol represents a novel solution to many common problems encountered by aging humans.

Engineered Grape Berry

High Resveratrol Synthesis

High potent muscaveratrol products as a food supplement and for curing cancer
(Source: http://www.fotosearch.com/
www.triedandtruefitness.com)
REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

Dr. James H. Ammons, President
Florida Agricultural and Mechanical University
Tallahassee, Florida

We have examined Florida Agricultural and Mechanical University’s (FAMU) compliance with specific requirements related to The National Science Foundation federal awards listed in the Schedule of Findings and Questioned Costs, Section I, for the twelve-month period ended June 30, 2010. Management is responsible for compliance with those requirements and establishing and maintaining effective internal controls over compliance. Our responsibility is to express an opinion on FAMU’s compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis, evidence about FAMU’s compliance with the specific requirements listed in the Schedule of Findings and Questioned Costs and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on FAMU’s compliance with specified requirements.

In our opinion, FAMU complied, in all material respects, with the aforementioned requirements for the twelve-month period ended June 30, 2010.

This report is intended solely for the information and use of Florida Agricultural and Mechanical University’s management and The National Science Foundation and is not intended to be, and should not be, used by anyone other than these specified parties.

Orlando, Florida
September 20, 2010
<table>
<thead>
<tr>
<th>Date Awarded</th>
<th>Title</th>
<th>Principal Investigator</th>
<th>School/College</th>
<th>Sponsor</th>
<th>Amount/Increment Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8/2010</td>
<td>Development of Novel Agents for CNS-Related Diseases</td>
<td>Seth Ablordeppaye</td>
<td>Pharmacy</td>
<td>National Institutes of Health-NIGMS</td>
<td>$305,750</td>
</tr>
<tr>
<td>7/15/2010</td>
<td>Construction Management Development Program</td>
<td>Charles Evans</td>
<td>Administration</td>
<td>FL Department of Transportation</td>
<td>$430,000</td>
</tr>
<tr>
<td>7/19/2010</td>
<td>Scholarships for Disadvantaged Students (Undergraduate Nursing)</td>
<td>Ruena Norman</td>
<td>Nursing</td>
<td>DHHS-Health Resource &amp; Svc. Admin</td>
<td>$6,373</td>
</tr>
<tr>
<td>7/19/2010</td>
<td>Scholarships for Disadvantaged Students (Nursing Graduate)</td>
<td>Ruena Norman</td>
<td>Nursing</td>
<td>DHHS-Health Resource &amp; Svc. Admin</td>
<td>$43,122</td>
</tr>
<tr>
<td>7/19/2010</td>
<td>Students (Physical Therapy)</td>
<td>Barbara Mosley</td>
<td>Allied Health Sciences</td>
<td>DHHS-Health Resource &amp; Svc. Admin</td>
<td>$45,615</td>
</tr>
<tr>
<td>7/19/2010</td>
<td>Scholarships for Disadvantaged Students (Occupational Therapy)</td>
<td>Barbara Mosley</td>
<td>Allied Health Sciences</td>
<td>DHHS-Health Resource &amp; Svc. Admin</td>
<td>$166,492</td>
</tr>
<tr>
<td>7/20/2010</td>
<td>Boeing Checkout Assembly and Pay</td>
<td>Carl Moore</td>
<td>Engineering</td>
<td>Boeing Company</td>
<td>$55,000</td>
</tr>
<tr>
<td>7/20/2010</td>
<td>BPC-AE: The STARS Alliance: A Southeastern Partnership for Broadening Participation Computing</td>
<td>Edward Jones</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$1,444.45</td>
</tr>
<tr>
<td>7/21/2010</td>
<td>Nucleation and Growth of Single-Walled Carbon Nanotubes (Participant Support)</td>
<td>Mogus Mochena</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$42,000</td>
</tr>
<tr>
<td>7/21/2010</td>
<td>Nucleation and Growth of Single-Walled Carbon Nanotubes</td>
<td>Mogus Mochena</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$18,000</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Nursing Undergraduate (Scholarship for Disadvantaged Students)</td>
<td>Ruena Norman</td>
<td>Nursing</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$9,716</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Pharmacy (SDS)</td>
<td>Henry Lewis III</td>
<td>Pharmacy</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$650,000</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Physical Therapy (SDS)</td>
<td>Barbara Mosley</td>
<td>Allied Health Sciences</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$604,385</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Awarded</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------------------------</td>
<td>------------------------</td>
<td>-------------------------</td>
<td>--------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Occupational Therapy (SDS)</td>
<td>Barbara Mosley</td>
<td>Allied Health Sciences</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$483,508</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Nursing Graduate (SDS)</td>
<td>Ruena Norman</td>
<td>Nursing</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$65,745</td>
</tr>
<tr>
<td>7/26/2010</td>
<td>Institute of Public Health (SDS)</td>
<td>Cynthia M Harris</td>
<td>Pharmacy</td>
<td>Department of Health &amp; Human Svcs.</td>
<td>$150,000</td>
</tr>
<tr>
<td>7/27/2010</td>
<td>Development of Low Cost and Rapid Response Manufacturing</td>
<td>Chun Zhang</td>
<td>Engineering</td>
<td>Army Research Laboratory</td>
<td>$936,000</td>
</tr>
<tr>
<td>7/28/2010</td>
<td>ADAP AIDS Drug Assistance Program</td>
<td>Michael Thompson</td>
<td>Pharmacy</td>
<td>Florida Dept. of Health</td>
<td>$29,737</td>
</tr>
<tr>
<td>7/28/2010</td>
<td>Robotics Collaborative Technology Alliance 2010</td>
<td>Emmanuel Collins</td>
<td>Engineering</td>
<td>General Dynamics</td>
<td>$213,293</td>
</tr>
<tr>
<td>7/28/2010</td>
<td>Daytona Beach: Midtown Redevelopment Master Plan Assistance Project</td>
<td>Andrew Chin</td>
<td>Architecture</td>
<td>The City of Daytona Beach (CRA)</td>
<td>$70,996</td>
</tr>
<tr>
<td>7/29/2010</td>
<td>Investigation of Ephemeral Pond Habitats in the Apalachicola National</td>
<td>Sunil Pancholy</td>
<td>CESTA</td>
<td>Department of Agriculture-Forestry Svc.</td>
<td>$157,500</td>
</tr>
<tr>
<td></td>
<td>Forest for Management Phase III</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/29/2010</td>
<td>Tallahassee’s Healthy Kids for a Healthy Future</td>
<td>Cynthia M Harris</td>
<td>Pharmacy</td>
<td>Blue Cross &amp; Blue Shield of Florida</td>
<td>$80,000</td>
</tr>
<tr>
<td>8/2/2010</td>
<td>Developing &amp; Implementing Food</td>
<td>Harriet Paul</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$19,929.04</td>
</tr>
<tr>
<td>8/2/2010</td>
<td>MSEIP: Computations for STEM Education</td>
<td>Hongmei Chi</td>
<td>Arts &amp; Sciences</td>
<td>U.S. Department of Education</td>
<td>$197,728</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Awarded</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------</td>
<td>----------------</td>
<td>----------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>8/3/2010</td>
<td>Strategic Research on Pest Threats in the Caribbean Pathway</td>
<td>Moses Kairo</td>
<td>CESTA</td>
<td>Department of Agriculture-APHIS</td>
<td>$100,000</td>
</tr>
<tr>
<td>8/6/2010</td>
<td>McIntire-Stennis Forestry Research Program</td>
<td>Lamberth Kanga</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$26,000</td>
</tr>
<tr>
<td>8/9/2010</td>
<td>Development of Advanced Technology for Improved Robot Autonomy and Manipulation</td>
<td>Carl Moore</td>
<td>Engineering</td>
<td>Army Research Laboratory</td>
<td>$936,000</td>
</tr>
<tr>
<td>8/9/2010</td>
<td>In Situ Evaluation of Plant Genotypes of Native Grass Species...</td>
<td>Oghenekome Onokpise</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$50,182</td>
</tr>
<tr>
<td>8/20/2010</td>
<td>Novaluron Efficacy for Mosquito Control</td>
<td>John Peterson</td>
<td>CESTA</td>
<td>International Agricultural Research, Inc.</td>
<td>$24,000</td>
</tr>
<tr>
<td>8/24/2010</td>
<td>New Wave Youth Entrepreneurship Project: “Youth Energize...</td>
<td>Lawrence Carter</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$100,000</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Surveying Human Subjects: A Teaching Application using Environmental and Natural Resource Economics</td>
<td>Michael Thomas</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$49,725</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Empowering the Students to Decisiveness</td>
<td>Violetka Colova</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$61,780</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Computing Solutions for Enhanced Teaching and Learning</td>
<td>Margaret Gitau</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$52,706</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>CESTA Summer Youth Development Institute</td>
<td>Bobby Phillips</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$66,475</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Accumulative Amount Awarded</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------------------</td>
<td>------------------------------</td>
<td>-------------------------</td>
<td>--------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Center for Astrophysical Science &amp; Technology</td>
<td>Charles Weatherford</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$114,021</td>
</tr>
<tr>
<td>8/26/2010</td>
<td>Towards Understanding</td>
<td>Jiang Lu</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$93,249</td>
</tr>
<tr>
<td>8/26/2010</td>
<td>Strengthening Developmental Biology Research at FAMU</td>
<td>Meboob Sheikh</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$99,929</td>
</tr>
<tr>
<td>8/26/2010</td>
<td>FAMU HBCU Student Wellness Plan</td>
<td>Barbara Mosley</td>
<td>Allied Health Sciences</td>
<td>Florida Department of Health</td>
<td>$19,500</td>
</tr>
<tr>
<td>8/27/2010</td>
<td>Building Capacity of the Soil and Water Analysis Laboratory at FAMU</td>
<td>Sunil Pancholy</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$168,157</td>
</tr>
<tr>
<td>8/30/2010</td>
<td>Genetical Enhancement of American Native Grapes for Overexpression of Flavonoid Nuraceuticals</td>
<td>Violetka Colova</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$116,159</td>
</tr>
<tr>
<td>9/1/2010</td>
<td>The Minority Innovation Challenges Institute (MICI)</td>
<td>Clement Allen</td>
<td>Arts &amp; Sciences</td>
<td>NASA Shared Services Center</td>
<td>$349,630</td>
</tr>
<tr>
<td>9/1/2010</td>
<td>FAMU-Red Clay Garden Project</td>
<td>Lawrence Carter</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$139,996</td>
</tr>
<tr>
<td>9/2/2010</td>
<td>Apalachee Center Contract with FAMU College of Pharmacy</td>
<td>Angela Hill</td>
<td>Pharmacy</td>
<td>Apalachee Center</td>
<td>$208,616</td>
</tr>
<tr>
<td>9/2/2010</td>
<td>Establish Extension Species Specific Educational Resource Teams</td>
<td>Ray Mobley</td>
<td>CESTA</td>
<td>Texas AgriLife Extension Service</td>
<td>$15,400</td>
</tr>
<tr>
<td>9/7/2010</td>
<td>Request for Supplemental Funding to Study Impact of Gulf of Mexico Oil Spill on Microbial Communities</td>
<td>Henry Neal Williams</td>
<td>Environmental Sciences Institute</td>
<td>National Science Foundation</td>
<td>$199,706</td>
</tr>
<tr>
<td>9/7/2010</td>
<td>High Temperature Materials Processing</td>
<td>Andrew Jones</td>
<td>Arts &amp; Sciences</td>
<td>Oak Ridge Institute for Science and Education</td>
<td>$10,000</td>
</tr>
<tr>
<td>9/10/2010</td>
<td>Dynamics of X-Pinches Powered by a Capacitor Bank</td>
<td>Richard Appartaim</td>
<td>Arts &amp; Sciences</td>
<td>U.S. Department of Energy</td>
<td>$40,000</td>
</tr>
</tbody>
</table>
| Date Awarded | Title | Principal Investigator | School/College | Sponsor | Amount/Accrual A

<p>| 9/10/2010 | Dynamics of X-Pinches Powered by a Capacitor Bank | Richard Appartaim | Arts &amp; Sciences | U.S. Department of Energy | $40,000 |
| 9/13/2010 | Student Support Services | Dorothy Henderson | Education | U.S. Department of Education | $320,482 |
| 9/13/2010 | Biological Assessment of Headwater Streams in Ravine Ecosystems of Northwest Florida | Manuel Pescador | CESTA | Department of Agriculture | $298,748 |
| 9/14/2010 | FAMU Pre-Professional Law | John Washington | Law | Department of Education | $212,064 |
| 9/14/2010 | Academic Support-Library | Lauren Sapp | Administration | Department of Education | $1,467,900 |
| 9/14/2010 | Accreditation &amp; Institutional Effectiveness | Gita Pitter | Administration | Department of Education | $382,364 |
| 9/14/2010 | Teacher Education &amp; Certification | Dawnette Banks | Education | Department of Education | $199,790 |
| 9/14/2010 | Technology Network Infrastructure | Robert Seniors | Administration | Department of Education | $931,114 |
| 9/14/2010 | Institutional Research | Kwadwo Owusu-Aduemiri | Administration | Department of Education | $251,967 |
| 9/14/2010 | Organizational Development | Euclid Moody | Administration | Department of Education | $166,713 |
| 9/14/2010 | Institutional Development | Carla Willis | Administration | Department of Education | $381,356 |
| 9/14/2010 | International Study | Joseph Jones | Administration | Department of Education | $200,000 |
| 9/14/2010 | Honors Program | Emma Dawson | Administration | Department of Education | $200,000 |
| 9/14/2010 | Enrollment Management | Marcia Boyd | Administration | Department of Education | $150,200 |
| 9/14/2010 | Distance Learning | Franzetta Fitz | Administration | Department of Education | $292,219 |
| 9/14/2010 | MUD-Chemistry | Ngozi Ugochukwu | Arts &amp; Sciences | Department of Education | $122,157 |</p>
<table>
<thead>
<tr>
<th>Date Awarded</th>
<th>Title</th>
<th>Principal Investigator</th>
<th>School/College</th>
<th>Sponsor</th>
<th>Amount/Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/14/2010</td>
<td>MUD-CIS</td>
<td>Edward Jones</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$185,451</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>MUD-Biology</td>
<td>Lekan Latinwo</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$212,694</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>MUD-ESI</td>
<td>Richard Gragg</td>
<td>Environmental Sciences Institute</td>
<td>Department of Education</td>
<td>$100,000</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Program Coordination Graduate</td>
<td>Rosalind Fuse-Hall</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$340,277</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>MUD-Math</td>
<td>Sonya Stephens</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$135,737</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Institutional Assessment &amp; Planning</td>
<td>Uche Ohia</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$272,066</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>STEM-Research Center for Technology</td>
<td>Decatur Rogers</td>
<td>Engineering</td>
<td>Department of Education</td>
<td>$238,574</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Center for Teaching &amp; Learning</td>
<td>Maurice Edington</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$202,708</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>WRC-The Undergraduate Experience</td>
<td>Veronica Yon</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$200,738</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>The Undergraduate Experience</td>
<td>William Hudson</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$703,530</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Ph.D. Program Environmental Sciences</td>
<td>Michael Abazinge</td>
<td>Environmental Sciences Institute</td>
<td>Department of Education</td>
<td>$324,212</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Program Coordination Undergraduate</td>
<td>Rosalind Fuse-Hall</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$374,843</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Enhancing Graduate Arts &amp; Sciences</td>
<td>Ralph Turner</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Graduate Health Management Education</td>
<td>Marisa Lewis</td>
<td>Allied Health Sciences</td>
<td>Department of Education</td>
<td>$132,000</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Architecture Graduate Summer</td>
<td>Rodner Wright</td>
<td>Architecture</td>
<td>Department of Education</td>
<td>$66,979</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Enhancement of J.D. Program</td>
<td>Leroy Pernell</td>
<td>Law</td>
<td>Department of Education</td>
<td>$257,940</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Library Resources for Graduate</td>
<td>Lauren Sapp</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$200,000</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Increment Awarded</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------</td>
<td>------------------------</td>
<td>------------------------</td>
<td>-----------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Minority Graduate Engineering</td>
<td>Decatur Rogers</td>
<td>Engineering</td>
<td>Department of Education</td>
<td>$178,000</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>Pharmacy Administration</td>
<td>Henry Lewis</td>
<td>Pharmacy</td>
<td>Department of Education</td>
<td>$1,253,757</td>
</tr>
<tr>
<td>9/14/2010</td>
<td>MUD-Physics</td>
<td>Elliott Treadwell</td>
<td>Arts &amp; Sciences</td>
<td>Department of Education</td>
<td>$212,149</td>
</tr>
<tr>
<td>9/15/2010</td>
<td>Innovative STEM Programs</td>
<td>Donald Palm</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$460,000</td>
</tr>
<tr>
<td>9/15/2010</td>
<td>Enhancing Technology</td>
<td>Robert Seniors</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$182,568</td>
</tr>
<tr>
<td>9/15/2010</td>
<td>Development of Dental Medicine</td>
<td>Donald Palm</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$968,587</td>
</tr>
<tr>
<td>9/15/2010</td>
<td>Enhancing Instructional Technology</td>
<td>Franzetta Fitz</td>
<td>Administration</td>
<td>Department of Education</td>
<td>$247,432</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Water Quality</td>
<td>Sunil Pancholy</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$570,842.88</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Joshua Hillman Health Initiative</td>
<td>Henry Lewis III</td>
<td>Pharmacy</td>
<td>Big Bend Area Health Education</td>
<td>$5,000</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>US-Brazil Sustainability and Sustainable Education Initiative</td>
<td>Joseph Jones</td>
<td>Administration</td>
<td>Appalachian State University</td>
<td>$12,684</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Facilities &amp; Administrative</td>
<td>Makola Abdullah</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$167,085</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Florida AIDS Education and Training</td>
<td>Michael Thompson</td>
<td>Pharmacy</td>
<td>University of South Florida</td>
<td>$22,878</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Goat Project</td>
<td>Ray Mobley</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$144,362</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Cooperative Extension Administration 2010-2011</td>
<td>Ray Mobley</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$1,176,317</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>NIFA Administration 201-2011</td>
<td>Makola Abdullah</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$197,061.04</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Facilities &amp; Administration</td>
<td>Makola Abdullah</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$227,738</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Community Based Organizations</td>
<td>Ray Mobley</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$150,004.70</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Accrual</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------------------</td>
<td>------------------------------</td>
<td>---------------</td>
<td>----------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Biological Control</td>
<td>Moses Kairo</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$450,302.53</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Bio-Fuels</td>
<td>Oghenekome Onokpise</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$169,484.91</td>
</tr>
<tr>
<td>9/16/2010</td>
<td>Quincy Farm</td>
<td>Ray Mobley</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$265,876</td>
</tr>
<tr>
<td>9/17/2010</td>
<td>Quit Smoking Now Continuing Education Training</td>
<td>Henry Lewis III</td>
<td>Pharmacy</td>
<td>Big Bend Area Health Education Center Inc.</td>
<td>$5,000</td>
</tr>
<tr>
<td>9/17/2010</td>
<td>Renewable Resources Extension</td>
<td>Lawrence Carter</td>
<td>CESTA</td>
<td>Department of Agriculture-Research</td>
<td>$13,500</td>
</tr>
<tr>
<td>9/17/2010</td>
<td>Meeting Consumer Need for Safe High Quality Food Production</td>
<td>Harriett Paul</td>
<td>CESTA</td>
<td>Department of Education</td>
<td>$45,000</td>
</tr>
<tr>
<td>9/20/2010</td>
<td>FAMU 2010 Facilities Grant Program</td>
<td>Makola Abdullah</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$982,622</td>
</tr>
<tr>
<td>9/21/2010</td>
<td>Center for Astrophysical Science and Technology</td>
<td>Charles Weatherford</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$244,613</td>
</tr>
<tr>
<td>9/21/2010</td>
<td>Center for Astrophysical Science and Technology</td>
<td>Charles Weatherford</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$244,245</td>
</tr>
<tr>
<td>9/21/2010</td>
<td>Center for Astrophysical Science and Technology</td>
<td>Charles Weatherford</td>
<td>Arts &amp; Sciences</td>
<td>National Science Foundation</td>
<td>$246,918</td>
</tr>
<tr>
<td>9/22/2010</td>
<td>NLM Environmental Health Information Partnership 2010</td>
<td>Henry Lewis III</td>
<td>Pharmacy</td>
<td>National Library of Medicine</td>
<td>$5,000</td>
</tr>
<tr>
<td>9/23/2010</td>
<td>Mosquito-borne Disease Surveillance</td>
<td>John Smith</td>
<td>CESTA</td>
<td>Okaloosa County Mosquito Control</td>
<td>$29,437</td>
</tr>
<tr>
<td>Date Awarded</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount/Increment Awarded</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>9/23/2010</td>
<td>Preparing Small Scale Limited Resource Vegetable Farmers</td>
<td>Odemari Mbuya</td>
<td>CESTA</td>
<td>Department of Agriculture</td>
<td>$15,000</td>
</tr>
<tr>
<td>9/23/2010</td>
<td>North Walton County Mosquito-borne Disease Surveillance</td>
<td>John Smith</td>
<td>CESTA</td>
<td>North Walton County Mosquito Control</td>
<td>$29,437</td>
</tr>
<tr>
<td>9/23/2010</td>
<td>Santa Rosa County Mosquito Borne Disease Surveillance</td>
<td>John Smith</td>
<td>CESTA</td>
<td>Santa Rosa County Mosquito Control</td>
<td>$29,437</td>
</tr>
<tr>
<td>9/24/2010</td>
<td>African American History Task Force</td>
<td>Bernadette Kelley</td>
<td>Education</td>
<td>FL Department of Education</td>
<td>$100,000</td>
</tr>
<tr>
<td>9/24/2010</td>
<td>Interdisciplinary Remote</td>
<td>Antonio Soares</td>
<td>CESTA</td>
<td>Department of Education</td>
<td>$199,595</td>
</tr>
<tr>
<td>9/28/2010</td>
<td>State Subsustainable Agriculture Training Plan 2009/2010</td>
<td>Cassel Gardner</td>
<td>CESTA</td>
<td>University of Georgia</td>
<td>$10,000</td>
</tr>
<tr>
<td>9/29/2010</td>
<td>Big Bend AHEC-Community Based Training Services</td>
<td>Angela Hill</td>
<td>Pharmacy</td>
<td>Big Bend Area Health Education Center Inc.</td>
<td>$12,000</td>
</tr>
<tr>
<td>9/30/2010</td>
<td>Title I Part A : School Choice with Transportation &amp; SES</td>
<td>Nancy Fontaine</td>
<td>Education</td>
<td>FL Department of Education</td>
<td>$31,100</td>
</tr>
<tr>
<td>9/30/2010</td>
<td>An Environmental Education Program for Expanding Conserv</td>
<td>Katherine Milla</td>
<td>CESTA</td>
<td>Environmental Protection Agency</td>
<td>$158,630</td>
</tr>
<tr>
<td>10/4/2010</td>
<td>Gulfcoast South Area Health Education Center</td>
<td>John Scrivens Jr.</td>
<td>Pharmacy</td>
<td>Gulf Coast South Area Health Education Center</td>
<td>$2,000</td>
</tr>
<tr>
<td>10/5/2010</td>
<td>FAMU Office of Women’s Health Wellness</td>
<td>Yolanda Bogan</td>
<td>Education</td>
<td>Office of Public Health Services</td>
<td>$100,000</td>
</tr>
<tr>
<td>10/6/2010</td>
<td>Economics: An Assessment of Selected Economic Aspects...</td>
<td>Moses Kairo</td>
<td>CESTA</td>
<td>Department of Agriculture-APHIS</td>
<td>$42,444</td>
</tr>
<tr>
<td>10/6/2010</td>
<td>IDEA Part B, Entitlement</td>
<td>Nancy Fontaine</td>
<td>Education</td>
<td>FL Department of Education</td>
<td>$70,966</td>
</tr>
<tr>
<td>Date Submitted</td>
<td>Principal Investigator</td>
<td>Title</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount Proposed</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>----------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Adrienne T. Cooper</td>
<td>Immobilized Bi-Metallic Nanoparticles for Oil Remediation</td>
<td>CESTA</td>
<td>Florida Institute of Oceanography</td>
<td>$300,000</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Yuch-Ping Hsieh</td>
<td>Characterizing and Quantifying Particulate Matter, Its Components and Emission Factors from in situ Burning of Spilled Oil</td>
<td>CESTA</td>
<td>Florida Institute of Oceanography</td>
<td>$199,536</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Vonda Richardson</td>
<td>Environmental &amp; Economic Costs of Transitioning to Organic Production</td>
<td>CESTA</td>
<td>USDA</td>
<td>$19,230</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Edward Tolliver</td>
<td>21st CCLC FAMU SMART Academies</td>
<td>Education</td>
<td>FL-DOE</td>
<td>$241,800</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Charles Jagoe</td>
<td>Acute Effects of Oil on North Gulf of Mexico Reefs and Reef Communities</td>
<td>CESTA</td>
<td>University of West Florida/Florida Institute of Oceanography</td>
<td>$58,098</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Charles Jagoe</td>
<td>Assessing the Extent of the Deepwater Horizon Oil Spill on Coastal Waters of the Florida Panhandle</td>
<td>CESTA</td>
<td>Florida Institute of Oceanography</td>
<td>$222,477</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Clayton Clark II</td>
<td>Non-Toxic Natural Material Removes Oil from Water Due to Spills, Hurricanes, or Floods</td>
<td>FAMU/FSU College of Engineering</td>
<td>BP / FIO</td>
<td>$39,993</td>
</tr>
<tr>
<td>7/1/2010</td>
<td>Robert E. Nixon</td>
<td>Construction Management Development Program - Bond Guarantee Program</td>
<td>Small Business Development Center</td>
<td>FL-DOT</td>
<td>$429,802</td>
</tr>
<tr>
<td>7/13/2010</td>
<td>K. Ken Redda</td>
<td>Scholarships for Disadvantaged Students (SDS)</td>
<td>Division of Research</td>
<td>HRSA</td>
<td>$261,602</td>
</tr>
<tr>
<td>Date Submitted</td>
<td>Principal Investigator</td>
<td>Title</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount Proposed</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>7/14/2010</td>
<td>Egwu E. Kalu</td>
<td>Exascale Center for Electrochemical Energy Storage Devices (Exceed)</td>
<td>FAMU/FSU College of Engineering</td>
<td>DOE</td>
<td>$499,969</td>
</tr>
<tr>
<td>7/15/2010</td>
<td>Frederick S. Humphries</td>
<td>Special Collections</td>
<td>Academic Affairs</td>
<td>NEH</td>
<td>$290,063</td>
</tr>
<tr>
<td>7/15/2010</td>
<td>Y. Ping Hsieh</td>
<td>Quantifying Soil and Nutrient Erosion in Agricultural and Non-Agricultural Lands</td>
<td>CESTA</td>
<td>NSF</td>
<td>$307,626</td>
</tr>
<tr>
<td>7/15/2010</td>
<td>Henry Lewis III</td>
<td>NLM Environmental Health Information Partnership 2010 Outreach Award</td>
<td>Pharmacy</td>
<td>National Institutes of Health</td>
<td>$5,000</td>
</tr>
<tr>
<td>7/19/2010</td>
<td>K. Ken Redda</td>
<td>Scholarships for Disadvantaged Students (SDS)</td>
<td>Division of Research</td>
<td>HRSA</td>
<td>$1,963,354</td>
</tr>
<tr>
<td>7/20/2010</td>
<td>Andrew Chin</td>
<td>Daytona Beach Midtown Redevelopment Master Plan Assistance</td>
<td>Architecture</td>
<td>The City of Daytona Beach- (CRA): Community Redevelopment Agency</td>
<td>$70,996</td>
</tr>
<tr>
<td>7/21/2010</td>
<td>Gokhan Hacisalihoglu</td>
<td>Developing Effective Strategies for Management of Phytophthora Blight (Phytophthora ...</td>
<td>Arts &amp; Sciences</td>
<td>University of Illinois / USDA</td>
<td>$81,037</td>
</tr>
<tr>
<td>7/21/2010</td>
<td>Yolanda Bogan</td>
<td>FAMU Office of Womens Health &amp; Wellness</td>
<td>Counseling Services</td>
<td>HHS / OPHS</td>
<td>$100,000</td>
</tr>
<tr>
<td>7/22/2010</td>
<td>Lawrence Carter</td>
<td>Healthier Opportunities for People through Extensions (HOPE 3)</td>
<td>CESTA</td>
<td>NSF</td>
<td>$276,141</td>
</tr>
<tr>
<td>7/22/2010</td>
<td>Henry N. Williams</td>
<td>Request for Supplemental Funding to Study Impact of Gulf of Mexico Oil Spill on Micro....</td>
<td>Environmental Sciences Institute</td>
<td>NSF</td>
<td>$199,966</td>
</tr>
<tr>
<td>7/22/2010</td>
<td>Carol Scarlett</td>
<td>Exotic Particle Detection</td>
<td>Physics</td>
<td>NSF</td>
<td>$539,577</td>
</tr>
<tr>
<td>7/29/2010</td>
<td>Gwendolyn Trotter</td>
<td>Center of Excellence for Emerging 21st Century Teachers Budget Narrative &amp; Justification</td>
<td>Education</td>
<td>US. Dept. of Education</td>
<td>$731,460</td>
</tr>
<tr>
<td>Date Submitted</td>
<td>Principal Investigator</td>
<td>Title</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount Proposed</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------</td>
<td>------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>8/5/2010</td>
<td>Hongmei Chi</td>
<td>Utility-Based Approach to Detecting Compromised Machines</td>
<td>Arts &amp; Sciences</td>
<td>DOD</td>
<td>$573,528</td>
</tr>
<tr>
<td>8/5/2010</td>
<td>Ashvini Chauhan</td>
<td>Coupling Phycoremediation of Military Wastewater Pollutants and Nutrients to Generation of Environmentally Sustainable Biobased Products</td>
<td>Environmental Sciences Institute</td>
<td>DOD</td>
<td>$568,472</td>
</tr>
<tr>
<td>8/6/2010</td>
<td>Jason Black</td>
<td>The Benjamin Banneker STEM Education Center (B-SEC) &quot;Institutional&quot;</td>
<td>Arts &amp; Sciences</td>
<td>DOD</td>
<td>$3,625,120</td>
</tr>
<tr>
<td>8/12/2010</td>
<td>Moses Kairo</td>
<td>Graduate Education and Training in Global Food Security and Agricultural Bio-Security</td>
<td>CESTA</td>
<td>USDA</td>
<td>$30,500</td>
</tr>
<tr>
<td>8/13/2010</td>
<td>Gwendolyn Trotter</td>
<td>TNE Induction Center Mentoring Initiative Mentoring</td>
<td>Academic Affairs</td>
<td>FL-DOE</td>
<td>$464,185</td>
</tr>
<tr>
<td>8/13/2010</td>
<td>Violetka Colova</td>
<td>The Viticulture Lab at the Center for Viticulture and Small Fruit Research (Florida A&amp;M University)</td>
<td>CESTA</td>
<td>USDA</td>
<td>$15,080</td>
</tr>
<tr>
<td>8/16/2010</td>
<td>Jennifer Cherrier</td>
<td>FAMU Light and DOM Budget for Chem OCE</td>
<td>Environmental Sciences Institute</td>
<td>NSF</td>
<td>$461,957</td>
</tr>
<tr>
<td>8/18/2010</td>
<td>Hongmei Chi</td>
<td>AFOSR Renewal Proposal</td>
<td>Arts &amp; Sciences</td>
<td>AFOSR</td>
<td>$300,000</td>
</tr>
<tr>
<td>8/19/2010</td>
<td>Ray Mobley</td>
<td>CAP-STEC: Coordinated Approaches to Prevent Shiga Toxin-Producing E-Coli in Beef</td>
<td>CESTA</td>
<td>USDA/NIFA</td>
<td>$517,135</td>
</tr>
<tr>
<td>8/19/2010</td>
<td>Jack Petersen</td>
<td>NOVALURON Efficacy for Mosquito Control</td>
<td>CESTA</td>
<td>International Agricultural Research Inc.</td>
<td>$24,000</td>
</tr>
<tr>
<td>Date Submitted</td>
<td>Principal Investigator</td>
<td>Title</td>
<td>School/College</td>
<td>Sponsor</td>
<td>Amount Proposed</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------</td>
<td>-----------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>8/19/2010</td>
<td>Henry Lewis</td>
<td>FAMU RCMI ARRA RTRN Community Engagement Supplement</td>
<td>Pharmacy</td>
<td>NIH/NCRR/RTRN</td>
<td>$14,600</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Charles Weatherford</td>
<td>FAMU - FSU Physics Research</td>
<td>Arts &amp; Sciences (Physics)</td>
<td>NSF</td>
<td>$455,592</td>
</tr>
<tr>
<td>8/25/2010</td>
<td>Adrienne Cooper</td>
<td>Sustainable Replacement of Oil (SURE Oil Reu)</td>
<td>CESTA</td>
<td>North Carolina State</td>
<td>$371,095</td>
</tr>
<tr>
<td>8/26/2010</td>
<td>Ray Mobley</td>
<td>Establish Extension Species Specific Educational Resource Teams (SSERTs for Foreign Animals)</td>
<td>CESTA</td>
<td>Texas Agric Life Extension</td>
<td>$15,400</td>
</tr>
<tr>
<td>8/26/2010</td>
<td>Michael Thompson</td>
<td>AIDS Educational and Training Center (AETC) Project 001250</td>
<td>Pharmacy</td>
<td>University of South Florida (USF)</td>
<td>$22,878</td>
</tr>
<tr>
<td>8/27/2010</td>
<td>Henry Lewis III</td>
<td>Quit Smoking NOW (QSN) Continuing Education Training (Phase 1)</td>
<td>Pharmacy</td>
<td>Big Bend AHEC, Inc.</td>
<td>$5,000</td>
</tr>
<tr>
<td>8/27/2010</td>
<td>Henry Lewis III</td>
<td>Joshua Hillman Health Initiative - &quot;Tobacco Cessation Awareness Program&quot; (Phase 1)</td>
<td>Pharmacy</td>
<td>Big Bend AHEC</td>
<td>$5,000</td>
</tr>
<tr>
<td>9/1/2010</td>
<td>Petru Andrei</td>
<td>Center for Deterministic Nanopatterning and Synthetic Materials (PRE-PROPOSAL)</td>
<td>FAMU/FSU College of Engineering</td>
<td>NSF</td>
<td>$4,950,000</td>
</tr>
<tr>
<td>9/1/2010</td>
<td>Angela Hill</td>
<td>Apalachee Center Contract with FAMU College of Pharmacy</td>
<td>Pharmacy</td>
<td>Apalachee Center</td>
<td>$208,616</td>
</tr>
<tr>
<td>9/2/2010</td>
<td>David White</td>
<td>FAMU NASA SEMAA Site</td>
<td>Education</td>
<td>NASA</td>
<td>$374,805</td>
</tr>
<tr>
<td>9/3/2010</td>
<td>Ray Mobley</td>
<td>Conducting Outreach to the Socially Disadvantaged and Minority Farmers &amp; Researchers</td>
<td>CESTA</td>
<td>USDA</td>
<td>$50,000</td>
</tr>
<tr>
<td>9/3/2010</td>
<td>Tanaga Boozer</td>
<td>Accelerating the Commercialization of four early Stage Technologies</td>
<td>Division of Research</td>
<td>SUS FL Board of Governors</td>
<td>$47,234</td>
</tr>
<tr>
<td>9/3/2010</td>
<td>Tanaga A. Boozer</td>
<td>Accelerating the Commercialization of four (4) Patented Technologies</td>
<td>Division of Research</td>
<td>SUS FL Board of Governors</td>
<td>$99,810</td>
</tr>
</tbody>
</table>
Choices are like elevators, they either take you up or they take you down.” – Coach Joseph Taylor

**CHOICES STILL MATTER**

* Vision  * Goals  * Commitment  * Accountability  * Composure