

SCIENTISTS ELECTED

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January 9 - 29, 2012

Volume 46 • Number 9

Ready, set, GIVE!

Campaign to add elements of speed, excitement

By Jeffery Seay

Florida State University has given great things to the world through its legacy of teaching, research and service. Soon, people who love Florida State most and know it best — faculty, staff, students, alumni and parents — will have a unique opportunity to give back something great.

In celebration of the institution's 161st anniversary, the FSU Foundation's **Office of Annual Giving** will hold **The Great Give**, an online campaign with the goal of raising \$161,000 over 36 hours.

The Great Give begins at 9 a.m. Monday, Jan. 23, and concludes at 9 p.m. Tuesday, Jan. 24.

"We want this campaign to be a fun and exciting way for the Florida State community to get involved in philanthropy, and we want to raise awareness of the importance of philanthropic support," said Chad Warren, director of the Foundation's Office of Annual Giving. "Members of the Florida State community will have the opportunity to contribute money to the area of the university that they care most about."

Donations of all sizes to any designation will be accepted, according to



one.fsu.edu/greatgive

9 a.m. Monday, Jan. 23
to
9 p.m. Tuesday, Jan. 24

Warren. In addition, faculty and staff members are encouraged to consider making multiple donations. For instance, an employee of the Division of Student Affairs who earned a degree from the College of Education could make a donation to both areas.

To make giving easier, the Great Give's website features a menu of the university's top funds, including the 16 colleges, the John and Mable Ringling Museum, the Alumni Association and Seminole Boosters, as well as "other" so that donors can give to any of the university's departments or units.

"I encourage the entire FSU community to join in the Great Give," said President **Eric J. Barron**. "Over the course of 36 hours, everyone — our students, faculty, staff and alumni — has the op-

portunity to impact this university by making an online gift. I hope everyone will be a part of attaining our inaugural goal of \$161,000. It's 'The Future Supported by You.'"

Live Twitter updates on the campaign will be provided throughout the 36-hour duration of the campaign (www.twitter.com/FSUGreatGive), as well as on an "events" page on Facebook (www.facebook.com/FSUGreatGive). What's more, friendly competition between colleges, departments and offices is encouraged during the campaign.

Donations will only be accepted through a special website, one.fsu.edu/greatgive, accessible from both computers and smartphones. Donations, which can only be made with a credit or debit card, are tax-deductible.



The 2012 edition of "America's Best Architecture and Design Schools" has ranked the Department of Interior Design's graduate program No. 10 in the nation among public and private institutions, and interior design Professor Lisa Waxman one of the 25 "Most Admired Educators" in the design field.

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People with disabilities who require special accommodation for any event listed in *State* should call the unit sponsoring the event, or for the hearing or speech impaired, use the Florida Relay Service at 1-800-955-8770 (voice) or 1-800-955-8771 (TDD). Requests for accommodations must be received at least five working days before the event. To receive *State* in an alternative format, call the FSU Student Disability Resource Center at (850) 644-9566.

State is underwritten in part by proceeds from the Florida State University license plate.



www.fsu.edu/tag

Student Disability Resource Center

Gift enhances services to blind, visually impaired students

By Jeffery Seay

A \$14,000 gift from the Community Foundation of Central Florida has enabled the university's Student Disability Resource Center (SDRC) to purchase equipment and fund scholarships to assist students who are blind or visually impaired. It is the first such gift in the history of the SDRC.

"This gift is an investment in the university and in the future of access," said **Bea Awoniyi**, assistant dean of students and director of the SDRC. "This wonderful gift enabled Florida State to reassert itself as one of Florida's leading public institutions in the area of accessibility."

Most of the gift — nearly \$11,000 — was spent on technology for individuals who are blind or have vision impairments. The SDRC purchased a **Tiger Embosser**, which translates text and math equations into braille, and a **picture-in-a-flash (PIAF) tactile-graphic maker**, which makes raised-line drawings on special "swell" paper. The gift also was used to buy **InftyReader**, optical character recognition software that recognizes and translates

scientific documents.

The hardware and software makes it possible for the SDRC to convert text, course materials and class notes that contain mathematical and scientific codes and symbols into alternative formats for the ease of students, and allows the SDRC to enhance its support of faculty in the STEM fields (science, technology, engineering and mathematics).

"We previously used low-tech methodology to provide access to our students," Awoniyi said. "Now, we have realized efficiency and effectiveness in our abilities to meet the access needs of our students and provide an equitable experience."

The grant provided a little more than \$3,000 in scholarships for two Florida State students. Future scholarship awards are anticipated from the CFCF, according to Awoniyi. To learn more about SDRC scholarships, visit www.disabilitycenter.fsu.edu/scholar.html.

Each year, the SDRC provides permanent, temporary and provisional services to close to 2,000 Florida State students and works to champion the issue of access in the Tallahassee community.

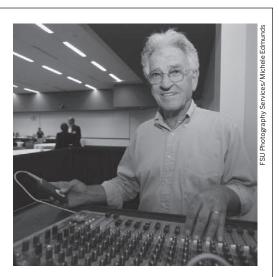
bello Ken Beattie

Job title: "Sound guy"

To-do list: Beattie is responsible for ensuring that microphones are properly placed and working perfectly at important university events, from the meetings of the Board of Trustees to campus news conferences. (If the university president is there, chances are Beattie will be there as well.) His role is crucial so audiences can hear what is being said, and TV and radio reporters can record the proceedings.

Known as: "The man who drove feedback out of Tallahassee."

Notable: Has engineered sound for Italian-American jazz guitarist Joe Pass



and jazz singers Ella Fitzgerald and Sarah Vaughan, as well as for four Florida gubernatorial inaugurations and three U.S. presidents speaking at the Florida Capitol — Jimmy Carter, George H.W. Bush and Bill Clinton.

After 5: Beattie is an avid cyclist and produces the "blessing of the bikes" ceremony on the first Friday in April.









P. Bryant Chase

Laura Reina

Alan Spector

Zuoxin Wang

Four professors join prestigious ranks of **AAAS** fellows

By Jeffery Seay

Florida State University has long been internationally recognized for high quality research in a variety of academic disciplines. That stellar reputation was reaffirmed as four Florida State professors — a biologist, a physicist and two psychologists — were elevated to the rank of fellow by the American Association for the Advancement of Science (AAAS).

Fellows are recognized because of their distinguished efforts to advance science or its applications. Election as a fellow is a high honor given to AAAS members by their peers.

Faculty members selected as AAAS fellows for 2011, and their award citations, include:

•P. Bryant Chase, professor and chairman, Department of Biological Science, "for his distinguished contributions to muscle biology and biophysics, to interdisciplinary research including bionanotechnology, to education and mentoring, and for administration and service to the scientific community."

·Laura Reina, professor, Department of Physics, "for her distinguished contributions to the field of theoretical high-energy physics and in particular for precise calculations of particle production at the Tevatron (a circular particle accelerator at the Fermi National Accelerator Laboratory near Chicago) and the Large Hadron Collider (the world's largest and highest-energy particle accelerator near Geneva, Switzerland)."

•Alan Spector, professor, Department of Psychology and Program in Neuroscience, "for his distinguished contributions to the field of taste psychophysics ... through behavioral and physiological methods."

•Zuoxin Wang, professor, Department of Psychology and Program in Neuroscience, "for his outstanding advances in our understanding of the neurobiology of social behavior."

"It is great to have four talented Florida State researchers recognized by their peers as being among the best in their fields," said Garnett S. Stokes, provost and executive vice president for Academic Affairs. "This is a terrific indicator of the high value of the university's contributions to scientific research."

"The fact that these researchers come from across the scientific spectrum of our campus shows the breadth of excellence that Florida State has in the sciences among its faculty members," said Kirby Kemper, vice president for Research.

The complete list of this year's class of 539 fellows, including the four Florida State researchers, was published in the Dec. 23 issue of the journal Science. The 2011 fellows will be recognized at the AAAS Fellows Forum during the 2012 AAAS Annual Meeting in Vancouver, B.C., Canada, Feb. 18.

Chase, who came to Florida State in 2001, researches how muscles, particularly the heart, function at the cellular and molecular levels.

"It is truly an honor to be recognized as an AAAS fellow for efforts throughout my career to advance science and its applications," Chase said. "Conducting science and scientific discovery are tremendously exciting and are experiences that I enjoy sharing. Being at Florida State has allowed me to foster an interdisciplinary research program in cardiovascular biology and to engage a number of talented undergraduate students in research along with graduate students and other colleagues."

Reina, who joined Florida State's faculty in 1998, focuses her research on elementary particle physics, or the study of the nature of elementary particles and their interactions.

"It is at the same time exciting and humbling to receive this recognition," Reina said. "The AAAS is a very broad scientific organization, and I am extremely pleased to have been selected this year to promote the image and role of physics in the advancement of society."

Alan Spector, who joined Florida State's faculty in 2007, focuses his research on understanding how taste signals are processed by the nervous system and how they affect behavior and physiology.

"I am not certain I am worthy of this honor, but I am grateful for the recognition of my research," Spector said. "I benefited from and continue to benefit from the collective wisdom and training from many teachers and colleagues over my years as an academic scientist. I would also be remiss if I did not acknowledge the wonderful contributions of my students, postdocs and technicians, past and present, to my research program. They have been the lifeblood of the lab, full of fresh ideas and energy."

Wang, who joined FSU's faculty in 1998, focuses his research on the neurobiology of social behaviors. To conduct his research, he uses the socially monogamous prairie vole, a small rodent that displays a variety of social behaviors, such as mating-induced pair bonds between males and females and bi-parental care toward offspring.

"I am honored to be elected as a AAAS fellow," Wang said. "This honor should go to the people in my lab, both former and current members, who put their best efforts into research. I am also grateful for the tremendous amount of support I have received from the psychology department and the neuroscience program at FSU, both of which have played significant roles in my career development and success."

In addition to Chase, Reina, Spector and Wang, Florida State has 43 other faculty members who have been elected AAAS fellows. To view the entire list, visit www.fsu.edu/faculty/fachonors. html.

New director will lead Center for Academic Retention and Enhancement

At press time, **Tadarrayl M. Starke** has been hired as the new director of the university's **Center for Academic Retention and Enhancement** (CARE), which helps first-generation African-American and other minority students make the adjustment to college life.

Starke, who has been the associate

director of CARE since June, succeeds longtime CARE director **Angela Richardson**, who retired at the conclusion of the fall semester. The divisions of **Student Affairs** and **Academic Affairs** jointly operate CARE.

Look for complete coverage of this news in the Jan. 30 issue of *State*.

Social Work names child welfare fellow

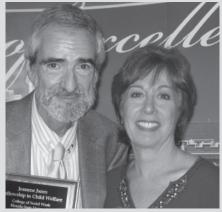
The College of Social Work recently named Pam Graham its Jeanene M. Janes Child Welfare Fellow. The fellowship is awarded to a College of Social Work faculty member who places a special emphasis on child welfare issues. Graham is the director of the college's Bachelor of Social Work program and professional development program.

"The appointment of Pam Graham to this named fellowship speaks to the standards of excellence maintained by the College of Social Work in its commitment to child welfare," said Dean **Nicholas Mazza**. "Professor Graham's contribution to child welfare practice, education and policy has truly made a difference in improving the lives of children and families."

Graham is only the second recipient of the fellowship, which was first awarded in 2008.

"It is an honor to represent the long and committed contribution that Jeanene Janes has made to child welfare practice," Graham said. "This fellowship will allow me to continue my work at the College of Social Work as an advocate for professional social work practice in the field of child welfare. We are uniquely qualified to work in this arena on behalf of vulnerable children and their families, advocating for them to have a quality life and helping them heal from the trauma and losses they have experienced.

"To quote Nelson Mandela,



Nicholas Mazza and Pam Graham

'There can be no keener revelation of a society's soul than the way in which it treats its children," Graham said.

Graham first became involved in child welfare issues in the 1980s. Currently, she is member of the Quality Parenting Initiative, which addresses ways to improve the lives and services offered to foster care parents and children. In 2008, she was appointed by the Florida Surgeon General to the State Child Abuse Death Review Committee.

"Pam continues Jeanene Janes' legacy of dedication to making progress in the area of child welfare and to train students to be better social workers," Mazza said.

Janes, who established the fellowship to attract top-notch faculty members to train the next generation of social workers, earned a Master of Science degree in social work from Florida State in 1969.

Intellectual Property Development and Commercialization

Faculty 'innovators' recognized during appreciation ceremony

During the 7th Annual Innovators Appreciation Ceremony held in December, the Office of Research and the Office of Intellectual Property Development and Commercialization recognized faculty members who have made strides in turning their innovative research into commercially available products and services.

Hosted by Intellectual Property Manager Eric McNair, the ceremony featured Vice Present for Research Kirby Kemper, who presented pocket sundials to 18 researchers in honor of their efforts — 10 for having their technology commercialized through a license or option agreement in the 2010-2011 fiscal year, and eight for receiving a Grant Assistance Program (GAP) award from the Florida State University Research Foundation.

The sundial was chosen as the token of recognition because it is one of the oldest known scientific devices for measuring time and direction — two of the hallmarks of the technology-transfer process.

Eighteen faculty members received 2011 Innovator Awards for their research projects.

2011 INNOVATORS License and Option Deals

- •Aubteen Darabi (Learning Systems Institute) and others in the Learning Systems Institute developed the PortStar seaport security training curriculum that has been made commercially available by the Florida-based spinoff Educational Development Group LLC.
- •Michael Davidson (National High Magnetic Field Laboratory) and his team have created an expansive library of award-winning photomicrographs of various alcoholic beverages. The Tallahassee-based BevShots MicroArt company has signed a license to expand their product line to include shot glasses, flasks, beverage coasters, martini shakers and women's fashion accessories.
 - •Andrey Gavrilin (National High

Magnetic Field Laboratory), with Iain Dixon and Mark Bird, also of the magnet lab, developed a computer program that simulates the physical processes of a hybrid magnet, allowing researchers to realistically model the complex physical behavior of superconducting coils in both operational and emergency situations. Florida State licensed this technology to Radboud University Nijmegen High Magnetic Field Laboratory in the Netherlands.

- •Yun-Hwa "Peggy" Hsieh (Nutrition, Food and Exercise Sciences) has developed antibodies for the detection of pork gelatin in foodstuffs. Tanaka Chemical has obtained an option to license these antibodies and has provided continuing research support to Hsieh's lab.
- •Timothy Megraw (Biomedical Sciences) studies a neuro-developmental disorder that causes a great reduction in brain growth in utero. He created and licensed to Millipore Corporation polyclonal antibodies against a critical protein in cellular pathways regulating human brain size.
- •Thomas Painter (National High Magnetic Field Laboratory) and his Tallahassee-based company High Performance Magnetics Inc., which holds the technology and know-how to build a perfect mile-long superconducting wire, won a competitive \$5 million contract with ITER in France to incorporate the

technology into a device that will attempt to mimic the power of the sun.

- •Hengli Tang (Biological Science) created a series of monoclonal anti-bodies useful in identifying types of hepatitis C viruses. The biomaterials were licensed to a start-up company, BioFront Technologies LLC, housed in the Florida State University Research Foundation Entrepreneurial Building. BioFront offers diagnostic test kits.
- •Kenneth Roux (Biological Science) created a series of monoclonal anti-bodies for tree nut proteins that can cause life-threatening allergic responses to pecan, walnut and cashew proteins. Diagnostic test kits will be produced by BioFront Technologies.
- •Ian Winger (Department of Physics) and Sean Barton developed the Solar Sausage device, which concentrates solar energy at a fraction of the cost of the glass mirror devices commonly used for thermal or photovoltaic production of electricity. A spinoff company, Sunnyland Solar LLC, has licensed the technology and is scaling up an installation in Tallahassee to produce electricity.
- •Wei Yang (Chemistry and Biochemistry) developed software that simulates the occurrence and strength of protein binding events more efficiently than traditional simulation methods. This will potentially reduce the time and cost of drug screening performed by pharma-



Innovators appreciated: The Office of Research and the Office of Intellectual Property Development and Commercialization recognized 37 researchers who have made strides in turning their innovative research into commercially available products and services.

ceutical companies. Ligand Technologies LLC, a Florida-based start-up company, has obtained an option to a commercial license.

2011 INNOVATORS GAP Award Winners

The Florida State University Research Foundation GAP program is designed to support enhancements of inventions or other original works that have been disclosed to Florida State. It funds projects that university researchers and other interested parties agree will quickly improve the odds that current research results will lead to public availability of a new product or service. Starting in 2005, the Research Foundation has allocated up to \$250,000 per year to provide grants under this program.

•Igor Alabugin (Chemistry and Biochemistry) is developing a novel approach to cancer treatment that uses light therapy to identify a powerful class of anticancer agents that destroys only cancerous cells.

- •Ewa Bienkiewicz (Biomedical Sciences) is developing a therapeutic agent that can go into the body and naturalize the effect of toxic hemin release following a stroke.
- •Bryant Chase (Biomedical Sciences) is developing and testing a device that can be used to sense the presence of hepatitis C viral proteins.
- •Simon Foo (Electrical and Computer Engineering) is fabricating and comparing improved multi-junction solar cells against state-of-the-art designs with the goal of demonstrating higher efficiencies than existing multi-junction solar cells.
- •Jingjiao Guan (Chemical and Biomedical Engineering) is developing and testing a new method for increasing the image field to diagnose breast cancer that proposes to greatly enhance an already widely accepted imaging technique.
- •Richard Liang (High Performance Materials Institute) is developing and testing batteries that are smaller, more lightweight, and more flexible than what

- is currently available in the market using a carbon nanotube-based technology.
- •Kenneth Roux (Biomedical Sciences) is developing and scaling up test kits that can detect specific types of nut allergens to avoid nut allergy outbreaks.
- •Qing-Xiang "Amy" Sang (Chemistry and Biochemistry) is researching and developing an advanced method to treat obesity.

In addition, silver plaques were presented to faculty members who received U.S. patents during the 2010-2011 fiscal year.

Rounding out the awards ceremony were special mentions of faculty members who have embarked on the commercialization process by filing patent applications or disclosures.

For the entire list of honorees, visit www.research.fsu.edu/techtransfer/innovatorsreception2011.html.

For more information about the reception, call Eric McNair at (850) 644-3328 or send an email to emcnair@fsu. edu.





>>2012 SICK LEAVE POOL OPEN ENROLLMENT:

Open enrollment for membership in the University Sick Leave Pool is Feb. 3-23. Open enrollment applications must be received in Human Resources no later than Thursday, Feb. 23. Open enrollment applications received in Human Resources prior to Feb. 3 or after Feb. 23 will not be accepted.

Eligibility requirements include, but are not limited to, full- or part-time employment as a Faculty, Executive Service, A&P or USPS employee who has been employed continuously with the university for one year or more, has a sick leave balance of at least 72 hours after leave accruals process for the pay period ending March 1, and has an average sick leave usage of fewer than nine days for each year of university employment.

Employees who join may request and receive up to 480 Sick Leave Pool hours in a 12-month period for their personal serious illness or injury after using all of their sick, vacation, personal holiday and compensatory leave. The maximum lifetime number of pool hours a member may use is 960. The Sick Leave Pool committee reviews all applications and controls benefits used from the pool.

Upon acceptance, employees donate eight hours of sick leave to the pool and remain members until they leave the university or request in writing to be removed from the pool. The eight hours donated to the pool are non-refundable. Members may be asked to make additional donations if the pool balance falls below 240 hours. Members who terminate their employment may also donate up to 40 hours of their sick leave to the pool upon their separation from the university.

Complete Sick Leave Pool information, including the application and other related forms, is available on the HR web site at www.hr.fsu.edu/index.cfm?page=FacultyStaff_BenAndPerks_SickLeavePool.Questions: Lisa Rosenthal, Sick Leave Pool administrator, Ilrosenthal@admin.fsu.edu, 644-7936.

TRAINING AND ORGANIZATIONAL DEVELOPMENT

Instructor-led and online training opportunities are available to Florida State faculty and staff members. To view a schedule of classes and registration information, visit **www.hr.fsu.edu/train**. To register for classes, log on to **www.omni.fsu.edu** and click in sequence: "Human Resources 9.0," "Self Service," "Learning and Development," "Request Training Enrollment" and "Search by Date, Course Code or Course Name." From there, click on "View Available Sessions" and choose a session

number. Follow the prompts to submit a request. To view a course description, click on the icon. **Information**: (850) 644-8724.

>>NEW EMPLOYEE ORIENTATION IS AVAILABLE ONLINE: Each participant must certify his or her completion of online New Employee Orientation by faxing a completed copy of the "Certification of Completion and Evaluation of Orientation" form to the Office of Training and Organizational Development as indicated on the form. The link to online new-employee presentations, materials and the certification form can be found at www.hr.fsu. edu/Content/NEOnline/index.html. Assistance: (850) 644-8724.

>>ADULT BASIC EDUCATION: The objective of the program is to improve fundamental educational skills in reading, writing and/or math. The program also is a preparation for the General Educational Development (GED) test. The classes are taught by Florida-certified teachers. Participants choose and attend one regularly scheduled, three-hour class session every Tuesday or Thursday from 9 a.m. to noon at the Training Center, 493 Stadium Drive. **Registration** (for new and returning participants): (850) 644-8724.

Please note Policy OP-C-7-F1: If an employee attends a training program (to include programs provided by Human Resources) during work hours and wishes to have the training considered as time worked, the employee must secure the permission of his or her immediate supervisor before attending. Otherwise, employees may attend training during their off hours, or they may use leave time if so desired.

OFFICE OF EQUAL OPPORTUNITY AND COMPLIANCE

>>NEW YEAR'S DAY – HISTORY AND CULTURAL CUSTOMS: Based on Roman history, the month of January symbolically stems from the word Janus, meaning "one face looking forward and one looking backward." New Year's Day is one of the oldest celebrated holidays, uniting diverse cultures across the globe. Even though New Year's is celebrated in a variety of cultures, not all people celebrate at the same time or in the same way because of the use of different calendars.

New Year's Day is celebrated on Jan. 1 by most Western European countries, as this is the first day of the modern Gregorian calendar used in ancient Roman times. Traditions for most Western European countries can include fireworks, champagne toasts, parties and social gatherings, bonfires of discarded Christmas trees and "polar bear plunges," where people enter a body of water despite the low temperature.

The Chinese New Year also is celebrated in many countries around the world. It occurs on the first day of the lunar calendar, which is also the second new moon after the winter solstice. In preparation for this celebration, many people clean their houses, buy red items for good

luck and get haircuts. Festivities are held in the streets of China to mark the celebration of a new year, including lion and dragon dances, fireworks and other types of entertainment.

In examining the global traditions of celebrating a new year, cultural diversity is prevalent in the ways and reasons for a culture's celebration. However different our traditions and celebrations may be, we are all united in the commonality of celebrating New Year's as a new beginning.

BENEFITS OFFICE

>>ELECTIVE RETIREMENT CONTRIBUTION LIMITS FOR 2012: The Internal Revenue Service has announced cost-of-living adjustments for elective contributions to retirement accounts, including FSU-sponsored tax sheltered annuity plans [403(b)], post-tax Roth 403(b) and state of Florida-sponsored deferred compensation (457) plans. For the 2012 calendar year, the annual contribution limit for 403(b) plans will be set at \$17,000. The contribution limit for the 457 Deferred Compensation plan will also be set at \$17,000. Employees who are age 50 and above, at any point in the 2012 calendar year, are eligible to contribute an additional \$5,500 to a 403(b) and/or a 457 retirement plan. Information: Michael Horgan, (850) 644-4017 or retirement@admin.fsu.edu.

>>OPEN ENROLLMENT: Deductions began with the Dec. 16, 2011, paycheck for any changes made during Open Enrollment. Employees should continue to monitor their paycheck information online (in OMNI Employee Self Service) and notify the HR Benefits office of any discrepancies. Information: (850) 644-4015 or insben@ admin.fsu.edu.

>>NEW-HIRE BENEFITS HELP SESSIONS: Beginning in January, the Benefits Office will conduct biweekly help sessions for new employees. The first session will be held Jan. 17 from 9 to 10 a.m. in the Human Resources Training Room, A6244 University Center. All new employees are strongly encouraged to view the online New Employee Orientation before attending the help sessions. Information: (850) 644-4015 or insben@admin.fsu.edu.

>>**SEMINOLE SAVINGS**: Florida State University now offers "Seminole Savings," a new employeediscount program designed exclusively for faculty and staff members. The program allows employees to take advantage of discounts on products and services at businesses that serve their diverse needs and interests. Visit the Seminole Savings Web page on the Benefits for Faculty and Staff section of the Human Resources website (www.hr.fsu.edu). Information: David Desue, (850) 644-5726 or insben@admin.fsu.edu.

RECOGNITIONS

Joseph Clark, M.A. (Office of Distance Learning), received the Matthew Grindy Prize, School of Communication, Florida State University, April 2011, awarded for outstanding scholarly achievement and sustained commitment to community and service. Clark also presented a paper, "Superman Never Made Any Money: Superheroes in Second Life." at the annual conference of the Eastern Communication Association, Arlington, Va., April 2011; presented a paper, "Majora Carter's 'Greening the Ghetto' TED Talk." at the Conference on Communication and the Environment, El Paso, Texas, June 2011 (to be published in conference proceedings); gave a presentation, "Second Nature: Using Virtual Environments to Learn About



Real Ones" at the conference Making Connections ... Instructional Strategies and Online Technologies for Distance Learning, Columbus (Ga.) State University, September 2011; wrote an article, "The Environmental Semiotics of Second Life: Reading the Splash Aquatics Store," accepted by the Graduate Journal of Social Science (in press): and gave a presentation, "The Virtual Environmentalist in Second Life," at the Midnight to Noon Conference for Second Life Educators and Researchers (M2N4SL), Åbo Akademi University and EduFinland,

October 2011.

Meredith Goodwin, M.D. (Medicine), was promoted to colonel in the U.S. Air Force Reserve. She is the chief of aerospace medicine for the 919th Special Operations Wing Medical Squadron.

BYLINES

Michelle Arbeitman, Ph.D. (Medicine), wrote a paper, "Somatic Sex-Specific Transcriptome Differences in Drosophila Revealed by Whole Transcriptome Sequencing," published by BMC Genomics. The website also proclaimed it a "most viewed paper."

Les Beitsch, M.D., J.D. (Medicine), was author or co-author of several recent papers published or accepted, including "Quality Improvement and Accreditation Readiness in State Public Health Agencies," Journal of Public Health Management Practice, and "Public Health Department Accreditation: Setting the Research Agenda," American Journal of Preventive Medicine.

Pradeep Bhide, Ph.D. (Medicine), and Research Associate Deirdre McCarthy (Medicine) had a paper published in the Sept. 21 issue of *The Journal of Neuroscience*. Using a mouse model, the paper— "Cocaine Alters BDNF Expression and Neuronal Migration in the Embryotic Mouse Forebrain"— reported new findings on

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how cocaine abuse during pregnancy can alter development of the brain of the unborn fetus.

Kim Driscoll. Ph.D. (Medicine), was author or co-author of several papers, including "Supporting CF Disease Management During Adolescence: The Role of Family and Friends," published in the journal Child: Care, Health and Development, and "Does Blood Glucose Monitoring Increase Prior to Clinic Visits in Children with Type 1 Diabetes?," published in the journal Diabetes Care. Driscoll presented a poster based on her Diabetes abstract "White Coat Adherence in Children and Adolescents with Type 1 Diabetes" at the 71st Scientific Sessions of the American Diabetes Association in San Diego.

Jack Fiorito. Ph.D. (Management), **Daniel Tope**, Ph.D. (Sociology), Philip E. Steinberg, Ph.D. (Geography), Irene Padavic, Ph.D. (Sociology), and former Florida State doctoral student Caroline E. Murphy co-wrote an article, "Lay Activism and Activism Intentions in a Faculty Union: An Exploratory Study," published in the Labor Studies Journal, Vol. 36, No. 4, December 2011.

Marshall Kapp. J.D., MPH (Center for Innovative Collaboration in Medicine and Law), wrote two articles, "Conscripted Physician Services and the Public's Health," published in the Journal of Law, Medicine & Ethics (included in Symposium issue on "Public Health Reform: Patient Protection and Affordable Care Act Implications for the Public's Health"); and "What Do Medical Students

Think About the Law? Report of a Focus Group," coauthored by **Dennis Baker**, Ph.D. (Medicine) and Greg Turner, Ed.D. (Medicine), published in Legal Medicine Perspectives, a publication of the American College of Legal Medicine. Kapp participated in a panel, "Beyond Advance Directives: Implementing the POLST (Physician Orders for Life-Sustaining Treatment) Paradigm in Florida," at the Florida Conference on Aging sponsored by the Florida Council on Aging. Kapp also presented "A Legal Approach to the Use of Human Biological Materials for Research Purposes" at an Omaha conference sponsored by the Creighton University Center for Health Policy and Ethics.

James Olcese, Ph.D. (Medicine), had "Circadian Aspects of Mammalian Parturition" accepted for publication in Molecular and Cellular Endocrinology. Olsese also presented a poster, "Neuroprotective Actions of Melatonin in the Alzheimer Brain," at the XII European Biological Rhythms Society conference in Oxford.

L. Kristin Parsley, M.D. (Medicine), wrote two papers, "Identical Twin Sisters with Rubinstein Taybi Syndrome associated with Chiari Malformations and Syrinx," published in the American Journal of Medical Genetics, and "The Patient with Infantile Seizures," published in the journal Current Opinion in Pediatrics.

PRESENTATIONS

Gerry Maitland, M.D. (Medicine), made a presentation at the Movement Disorders Society's 15th International Congress of

Parkinson's Disease and Movement Disorders in Toronto. The presentation was "Low Contrast Visual Acuity is Decreased in Patients with Parkinsonism," with research by Maitland, Class of 2012 students Coley Sheriff and Sarah Novara and Class of 2014 student Jessica Specht.

Arthur A. Raney, Ph.D. (School of Communication), delivered the keynote address "The Future of Sports Television? 3DTV and the Sports Reception Experience" during "Transition, Transformation and Transcendence: Sports and Media Under Globalization," an international conference on sports media and communication hosted by Chengdu Sport University, Chengdu, China, November.

Daniel Van Durme, M.D. (Medicine), worked with faculty from the University of California-Los Angeles, the University of South Florida and Virginia Commonwealth University in teaching a weeklong course on research methods, grants and medical writing for faculty from several medical institutes and medical schools in Karaganda, Kazakhstan.

GRANTS

Maggie Blackburn, M.D. (Medicine), and Gail Bellamy, Ph.D. (Medicine), received a Community Health **Planning** Center Grant awarded by the Health Resources Services Administration Bureau of Primary Health Care. The grant will be used to underwrite assessment and planning activities for the Havana (Fla.) Wellness Center to apply to become a federally qualified health center.

Henry Carretta, Ph.D.

(Medicine), has been awarded a research grant by the Robert Wood John-Foundation's Connections program and Public Health Law Research program. The funding will support Carretta's research to assess the amount and content of community benefit provided by not-forprofit hospitals during the first year of the new Internal Revenue Service reporting requirement.

Heather Flynn, Ph.D. (Medicine), has received several grants recently, including "Targeted Research on Mental Health Disparities," an R01 grant from the National Institute of Mental Health, and "Predictors of Response to Perinatal Depression Treatment: Establishing Processes and Infrastructure for Multisite Effectiveness Research," an R03 award from the Agency for Healthcare Research and Quality.

Lindee Morgan (Medicine) received a two-year grant from Autism Speaks.

Dennis Tsilimingras. M.D., MPH (Medicine), is studying patient safety with a two-year, \$908,000 grant from the federal Agency for Healthcare Research and Quality. With the participation of the Tallahassee Memorial Hospitalist Group, the study will monitor approximately 600 hospital patients for three weeks after they're discharged and will document any medical problems they encounter.

Jacob "Jake" VanLandingham (Medicine) will receive a \$35,000 Grant Assistance Program (GAP) award from the Florida State University Research Foundation for a research project, "Use of Progesterone and its Enantiomer to Better Outcomes Associated with Concussion."

Remember Last Year's Headlines?

'Skin in the Game': Scott, Legislative Leaders Pushing Consumer-Driven Health Care for State Workers

-Tallahassee Democrat, 11/6/11

Gov. Rick Scott has Narrow View of Higher Education

—See Section, 10/29/11

Judge: Cuts to State Employees Violated Contract
-Mami Herald, 10/26/11

Faculty Question Governor's Posting of Salaries
-- The Gainstroille San, 10/18/11

Florida State Faculty Being Lured Away by Better-Paying Jobs – Tallahassee Democrat, 11/27/11.

Haridopolos Suggests Universities Trade Majors 'Like Baseball Cards' -Orleans Sentinel, 12/6/11

Higher Ed Times are A'Changin, Senate Prez Says

"Higher education budgets will absorb deeper cuts in the coming budget year, [Haridopolos] said." -Oriando Sentinel, 12/6/11

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Professional development leave granted for 2012-2013

President **Eric J. Barron** and Provost and Executive Vice President for Academic Affairs **Garnett S. Stokes** recently approved the following faculty members to take **Professional Development Leave** during the 2012-2013 academic year:

- •Sabrina Dickey, assistant in the College of Nursing;
- •Margaret Lu Eginton, associate in the School of Theatre;
- •David Gaitros, research associate, College of Arts and Science:
- •Gloria Lessan, lecturer, College of Social Sciences and Public Policy;
 - •Anne Stagg, associate in the Department of Art;
- •Craig Stanley, program director, in the College of Social Work; and
- •Michael Trammell, research associate, Department of Management.

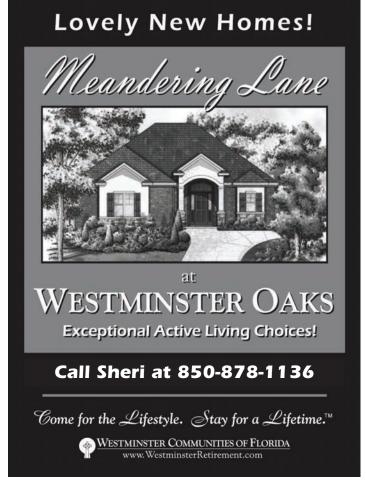
The approval of leave is granted to increase faculty members' value to the university through opportunities for professional development, research, writing or other forms of creative activity.

Professional Development Leave is recommended by the University Professional Development Program Committee and coordinated through the Office of the Dean of the Faculties.



>>Teaching beyond Tallahassee: International Programs is accepting faculty applications to teach or lead programs abroad in 2013-2014. Courses of broad general interest or those that meet the liberal studies credit requirement are of particular interest. Faculty members interested in participating in study abroad programs are encouraged to submit their online applications at www.international.fsu.edu. Applications will be accepted through Jan. 15, 2012.

>>Art and design symposium: The 6th Annual Art & Design for Social Justice Symposium will be held on Monday, Jan. 16, in the William Johnston Building. The symposium will explore ways that the tools and inherent abilities within the areas of art and design can be used to address issues confronting less advantaged groups. Stewart Ramsey of Krochet Kids International (www. krochetkids.org) will deliver the keynote address. The symposium is underwritten by the College of Visual Arts, Theatre and Dance, and sponsored by the departments of Interior Design and Art Education. Registration deadline: Thursday, Jan. 12. To view the symposium's schedule, visit www.socialjusticesymposium.fsu.edu.





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