Grant aims to advance academic women in ‘STEM’ disciplines

By Barry Ray
NEWS AND PUBLIC AFFAIRS

Five Florida universities, including The Florida State University, are partners on a professional-development project funded by the National Science Foundation (NSF) that seeks to increase the representation and promote the advancement of women educators in the fields of science, technology, engineering and mathematics — the so-called “STEM” disciplines. The ultimate goal is to contribute to the development of a larger and more diverse science and engineering academic work force.

The NSF’s “ADVANCE-PAID” grant will provide a total of $600,000 over three years to the five universities. Collaborating with Florida State are teams from the University of South Florida, the University of Florida, Florida A&M University and Florida International University. USF is the lead university on the grant.

“In practical terms, this grant will provide support and mentoring to women faculty members in all five universities’ chemistry and engineering departments,” said Penny J. Gilmer, a professor of chemistry and biochemistry at Florida State. Gilmer is overseeing the university’s portion of the grant, which totals $123,406.

“Specifically, each university plans to offer workshops for senior faculty, department chairs, administrators, and human resource personnel on methods to enhance recruitment of women,” she said. “In addition, senior faculty will provide mentoring experiences for junior women faculty in these departments. We also plan workshops on mentoring and monthly meetings with the women faculty in chemistry and engineering to enhance their careers.”

Promoting greater diversity in the science and engineering professions isn’t simply a

Please see ADVANCE-PAID, 7

Scientist delves into behavior of proteins, metabolites

By Barry Ray
NEWS AND PUBLIC AFFAIRS

A Florida State University biophysical chemist has received two large grants totaling more than $1.66 million to pursue research into the behavior of proteins, particularly their dynamics, and their interactions with one another and with other complex molecules found in living organisms. His research, while at a fundamental level, has the potential to serve as a building block for future inroads in the diagnosis and treatment of a variety of diseases.

Rafael Brüschweiler, a professor in Florida State’s Department of Chemistry and Biochemistry and associate director for biophysics at the National High Magnetic Field Laboratory, recently received a four-year research grant from the National Institutes of Health (NIH) in the amount of $1,055,476. Shortly afterward, he received a second four-year grant, that one valued at $608,782, from the National Science Foundation (NSF).

Over the past several years, Brüschweiler has been an innovator in the use of nuclear magnetic resonance (NMR) technology for protein research. NMR is a research tool that utilizes high-powered magnets to measure the strengths, directions and temporary fluctuations of magnetic interactions at the location of essentially each atom in a protein.

“Proteins are highly complex molecules that perform a wide range of biological functions in every organism,” Brüschweiler

Please see PROTEINS, 7

SPREAD the WORD

The National High Magnetic Field Laboratory has been awarded $2 million from the National Science Foundation and a matching award of $1 million from The Florida State University to build a novel kind of superconducting magnet projected to generate a magnetic field of 32 tesla.
Will You Have a Secure Retirement?

John H. Curry

Both my father and grandfather were members of the Florida Retirement System. When it came time for them to retire they were not well versed in the options available. Looking back they both could have made better choices.

When I look over at my grandson playing in the yard I realize that my advocacy role is important not just to those examining their retirement options but to future generations as well. Asset protection, long term care and income planning are important to our family and life.

I often ask people “Do you feel like you have the knowledge you need as you move toward retirement?”. The intricacies of DROP, deferred compensation and FRS pension options can be mind numbing.

Let me help.

News Release

November, 2009

John H. Curry will be speaking on Secure Retirement issues and available to sign his new book “Preparing for a SECURE Retirement” December 10, 2009 at the University Center Club. 20% of all proceeds from the evening go to benefit the United Way of the Big Bend.

John, a well respected business leader, lives by the Rotary “Four Way Test”. First is it the truth? Second, is it fair for all concerned? Third, will it build goodwill and better friendships. And fourth, is it beneficial to all concerned? His philosophy is “do the right thing”. Because both his father and grandfather worked and retired without a full understanding of their benefits or options, John is passionate about his advocate role as an advisor.

Questions that John Curry often asks include: What would you like to accomplish? How can you get time freedom and money freedom?

These and other questions will be answered during the networking, presentation and book signing scheduled for December 10 at the University Center Club. For more information please contact the club at: 850.644.8528 for reservations.

Book Signing and Presentation

Thursday, December 10, 2009
5:30 Registration
6 pm Happy Hour Meet & Greet
20% of all proceeds benefit the United Way of the Big Bend!
Members can register at www.universitycenterclub.com or call a Member Services Representative at 850.644.8528. Non-members will need to call a Member Services Representative.

“John Curry is an insightful and powerful advocate. He brings over 30 years of real field experience and wisdom to the table. His thoughts and observations are always on point and useful in many day to day situations we all encounter. John has an easy, southern gentleman style that makes the learning even more fun.”

Joseph H. Guyton, Senior Associate
The Bulfinch Group
Lynnfield, MA

Go to: www.JohnHCurry.com/7mistakes to sign up for your FREE report that contains more expert advice on avoiding the Seven Common Planning Mistakes.
Faculty can apply to teach abroad in 2011, 2012

Florida State University International Programs will be accepting applications from Thursday, Dec. 24, to Sunday, Jan. 31, from faculty members who would like to teach abroad for summer 2011, fall 2011 and spring 2012.

International Programs is soliciting applications for courses that lend themselves to the effective use of the academic and cultural resources available at a certain international location. Courses of broad general interest or that meet the liberal studies credit requirement or the multicultural requirement are of particular interest. Faculty members may apply to teach in one or more of any combination of locations and semesters.

Faculty members who wish to teach upper-level or major-specific courses should consider submitting a proposal for a curriculum-focused program. Such programs can be located in any country (or countries) and should be geared toward majors or professionals in a specific field. Faculty members are expected to lead in designing the program and recruiting participants. Faculty members selected to direct curriculum-focused programs at locations where there is no year-round study center are responsible for all aspects of the day-to-day program operation overseas, which can include academic advising, student disciplinary processes and emergency response.

Faculty members will teach courses listed in the current FSU General Bulletin and are expected to guide and oversee any directed individualized studies (DIS) students majoring in their academic disciplines. In addition, all faculty members teaching at year-round study center locations are expected to assist the director of the study center with other duties associated with the program.

The Council for International Education and Programs (CIEP) and the academic director of the particular study center will review the applications. The nominations then are submitted to the director of International Programs for approval.

International entry clearance, work permit and visa requirements change frequently. If selected, faculty members must be prepared to work closely with International Programs staff members to meet these requirements for themselves and their families, including providing copies of their university degrees.

Interested faculty members should complete the online application, which is available at www.international.fsu.edu.

FSU Foundation: Year-end dates for processing charitable gifts

Florida State University employees who are responsible for processing or receiving gifts for their colleges or departments should be aware that the FSU Foundation will have abbreviated business hours during the winter break. To ensure that donors’ year-end gifts reach the Foundation in a timely manner and are processed according to their wishes, the Foundation asks that employees adhere to the revised schedule, as outlined below.

The Foundation office will close Dec. 24 at 2 p.m. and will remain closed Dec. 25-30. The Foundation will be open Dec. 31 from 8 a.m. to 5 p.m. for delivery of year-end contributions. Regular office hours will resume on Jan. 4, 2010.

Documents and donor instructions either can be mailed using Mail Code 2739 or hand-delivered to the Foundation office at 2010 Levy Avenue, Building B, Suite 300.

After employees return from the holidays, they should take a few moments to sort through the mail, identify charitable items and deliver those items, along with their respective postmarked envelopes, to the Foundation office by Jan. 8, 2010. The Foundation also asks for employees’ assistance in making faculty and other staff members who may receive gifts aware of the urgency of transmitting year-end gifts and donor instructions to the Foundation.

To learn more, call Brianne Adachi, Gift Processing Services, at (850) 644-0770, or send an e-mail to badachi@foundation.fsu.edu.
President T.K. Wetherell discussed his experience in first coming to The Florida State University campus as a wide-eyed, 17-year-old freshman in 1963 — and the progress the campus has made since — during his final President’s Report on the State of the University at the annual Fall Meeting of the General Faculty, Nov. 12. It was his seventh and final report. Earlier this year, Wetherell announced his intention to step down as soon as a replacement could be found.

While struggling to register for his first classes that semester on campus, Wetherell remembered encountering longtime Florida State history Professor Jim Jones in Tully Gym.

“I told Jim I wanted to take Western Civ, but it conflicted with the math course that I had already signed up for,” Wetherell said. “He got up, came out from behind the table and took me around Tully Gym, helping me get my schedule sorted out. That is a prime example of a faculty that has always cared about the students here.”

Wetherell discussed the university’s progress over time through his experience as a college freshman, through that of his son’s and today’s students.

“My parents dropped me off at Smith Hall, which had no air conditioning and a pay-phone so you could call home, collect,” Wetherell said. “I had a manual Royal typewriter with a black and red ribbon. In 1988, my son drove to Tallahassee from our home in Daytona Beach on interstates that did not exist when I made the trip. He lived in Landis Hall because he was a honors student, and it had air conditioning. He could register for classes by telephone, and he used an Apple Ile computer, which was advanced for back then.”

Today, Florida State students can register for their classes over the Internet, and they enjoy a campus with wireless fidelity, or Wi-Fi, in many locations for their Internet connections. What’s more, their standardized test scores continue to surpass previous generations: today’s students enter Florida State with an average SAT score of 1,221.

Wetherell went on to laud a university that has come into unquestionable national prominence since the time when he attended in the 1960s. He mentioned Florida State’s ascension to No. 48 among public research universities, according to U.S. News & World Report, its record of producing three Rhodes Scholars in four years; its now-mature College of Medicine, whose graduates are practicing physicians; and its reach beyond Tallahassee through international programs, the John and Mable Ringling Museum of Art in Sarasota, Fla., and its Panama City Campus. He also mentioned that Florida State produces more African-American Ph.D.s than some historically black colleges and universities.

Wetherell praised Florida State’s high-achieving faculty, citing its tremendous dedication in securing nearly $200 million in external research funding.

In terms of research, Wetherell mentioned the university’s forward strides in establishing various centers and institutes, including the Florida Center for Reading Research, the Applied Superconductivity Center and the High Performance Materials Institute. He expressed hope that the university soon would have a free electron laser to add to its research portfolio.

In closing, Wetherell offered thanks from himself and his wife, Ginger, for the friendship and warmth that the campus community gave to them during his tenure as Florida State’s 13th president.
Faculty Senate presents Torch Awards to three

By Jill Elish
ASSISTANT DIRECTOR, NEWS AND PUBLIC AFFAIRS

The Florida State University Faculty Senate has honored three individuals for their contributions to the university’s academic excellence with awards named for the three torches in the university’s seal: Vires, Artes and Mores.

Faculty Senate President Eric Walker presented the Torch Awards to Dr. Joseph L. Camps, Florence H. Ashby and James C. Smith, all FSU alumni, during the Fall Meeting of the General Faculty on Nov. 12. The Torch Awards were established in 1996 as a way for faculty to honor friends of FSU who have contributed significantly to the university’s ability to fulfill its academic mission.

Camps, a physician and lab director at Southeastern Urological Center in Tallahassee, received the Vires Award, symbolizing moral, physical and intellectual strength, for his lifetime of strong service to The Florida State University and the Tallahassee community. He earned a bachelor’s degree in biology from Florida State in 1978 and led the Seminoles as captain of the football team in 1976. He earned his medical degree from the University of Florida College of Medicine in 1982 and served his residency at the University of North Carolina at Chapel Hill, where he was named chief resident.

Ashby, a professor emeritus at Montgomery College in Rockville, Md., received the Artes Award, symbolizing appreciation of aesthetics and the beauty of intellectual pursuits, for her skillful service to higher education and to her alma mater. She received her bachelor’s degree in music and mathematics from Florida State in 1957. While a student, she was a member of Garnet Key and Mortar Board and was vice president of the School of Music student body. She played clarinet in the Marching Chiefs, as well as in the concert, symphonic, circus and pep bands.

Smith, the emeritus Robert O. Lawton Distinguished Professor of Psychology, received the Mores Award, symbolizing respect for customs, character and tradition, for spending his life in the classroom and the lab leading for the greater good. Smith earned his master’s degree in psychology from FSU in 1951. After serving in the U.S. Air Force where he earned the rank of 1st lieutenant, Smith returned to FSU to earn a doctorate in psychology in 1959 and joined the faculty. He has since won virtually every award the university has to offer, including the Robert O. Lawton Distinguished Professor, the highest award bestowed upon a faculty member, and the University Distinguished Teacher Award.

Smith also has received international recognition for his scientific achievements including the Distinguished Career Award from the Society for the Study of Ingestive Behavior, a National Sigma Xi Lectureship and the Max Mozell Award for Outstanding Achievement in the Chemical Senses from the Association for Chemoreception Sciences. He retired in 2003 but remains active in research at FSU as a professor emeritus.
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SunTrust makes your financial future easy to manage. Our reliable savings solutions — such as Get Started Savings; CDs, money market accounts and IRAs — can help you plan for tomorrow, while still making the most of today. So start building a solid savings foundation now. Visit suntrust.com, call 800.SUNTRUST, or stop by a branch near you.
matter of providing additional career opportunities for women, although that is certainly important, said Rufina Alamo, a professor of chemical and biomedical engineering at the Florida A&M University-Florida State University College of Engineering and Gilmer’s partner on the Florida State portion of the grant.

“Encouraging more women to pursue careers in these fields also helps to create a stronger, more diverse and innovative work force, so everyone benefits,” Alamo said. “And at a time when the United States is no longer producing enough scientists and engineers to provide the technological advances upon which our nation’s economy has come to depend, we can’t afford to continue losing so many talented young women to other professions.”

Statistics certainly show a continuing disparity between the numbers of men and women pursuing careers in science and engineering. According to the book “Beyond Bias and Barriers: Fulfilling the Potential of Women in Academic Science and Engineering,” in 2004 only about 27 percent of doctorates in the physical sciences were awarded to women — and only 18 percent in engineering. Women consistently make up less than 20 percent of tenured STEM faculty at institutions of higher learning.

Collectively, the faculty members and university administrators from all five universities participating in the NSF project comprise the Alliance for the Advancement of Florida’s Academic Women in Chemistry and Engineering.

“Proper function requires the fine interplay between a protein’s structure and its dynamics. In our work, we show how such protein behavior can be observed at the atomic level by the combined use of NMR experiments and sophisticated computational tools. These findings are essential for our understanding of protein function.”

Working with Brüschweiler on both research projects is his colleague and wife, Lei Bruschweiler-Li, an assistant scholar/scientist in the Department of Chemistry and Biochemistry, as well as other scholar/scientists at the magnet lab and a number of graduate students and postdoctoral researchers.

For the NIH project, Professor Brüschweiler will use a precise analytical technique developed in his laboratory, known as covariance NMR, to produce high-resolution spectra of both proteins and of small biomolecules known as metabolites, which play a critical role in essentially all biological processes that happen in an organism.

“A major part of this work focuses on the development of methods for the rapid analysis of complex biological mixtures,” Brüschweiler said. “The comprehensive analysis of the metabolites of a cell or a whole organism is known as metabolomics. Metabolomics helps in biomarker identification for diagnosis of diseases and will lead the way to personalized medicine. Some of the research tools we develop are being made available via public Web servers to allow scientists across the world to analyze their own experimental data with our algorithms.”

While the NSF project also involves biomolecules, it has a somewhat different focus: Brüschweiler’s work aims to understand the relationship between protein structure and dynamics and to document the interactions of proteins with each other and with smaller molecules.

“It is a dynamic protein world out there, and we’re seeking to answer some fundamental questions,” he said. “How do proteins precisely behave and perform their function at an atomic level? We know that these molecular machines behave in an orchestrated manner, but how exactly? Using NMR, we can observe proteins under conditions that are similar to the ones encountered in a living cell. This gives us a very good sense of how and why they do what they do.”

Even powerful NMR analysis won’t provide all of the information Brüschweiler is looking for, however. To further hone his observations, he will take the NMR data collected at the magnet lab and combine them with detailed computer simulations to draw an even more vivid picture of the proteins’ behavior.
Instructor-led and online training opportunities are available to Florida State faculty and staff members. The Office of Training and Organizational Development is in the process of scheduling classes for spring 2010. Some classes already have been added to the OMNI registration system. For detailed course descriptions and registration information, visit www.hr.fsu.edu/train. Information: (850) 644-8724.

NEW EMPLOYEE ORIENTATION ONLINE: The link to the required new employee presentations, materials and the certification form can be found at www.hr.fsu.edu/Content/NEOnline/index.html. Participants must certify their completion of the online orientation session by faxing a completed copy of the “Certification of Completion and Evaluation of Orientation” form to the Office of Training and Organizational Development. Information: (850) 644-8724.

IMPORTANT NOTICE FOR FRS MEMBERS: On Jan. 4, 2010, the Florida Retirement System (FRS) will be replacing ING, the current Investment Plan Administrator, with Hewitt Associates. As a result of this change, current members of the FRS Investment Plan will not be able to initiate certain transactions for a brief time during the transition process. During a “blackout period from Dec. 28, 2009, to Jan. 4, 2010, investment plan members will not be able to direct or diversify investments in their accounts, obtain distributions from the plan or make any plan election changes. Investment plan members are strongly advised to review their current investments prior to the blackout period and plan accordingly. For more information about the blackout period, or the FRS Investment Plan, visit www.myfrs.com, or contact the MyFRS Financial Guidance Line at (866) 446-9377, option 2.

ELECTIVE RETIREMENT CONTRIBUTION LIMITS UNCHANGED FOR 2010: 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 2010 calendar year, the annual contribution limit for 403(b) plans will be set at $16,500. This limit is unchanged from 2009. The contribution limit for the 457 Deferred Compensation plan also will remain at $16,500. Employees who are age 50 and above, at any point in the 2010 calendar year, are eligible to contribute an additional $5,500 to a 403(b) and/or a 457-retirement plan. Information: Michael Horgan, Human Resources, (850) 644-4017.

LONG-TERM CARE INSURANCE OPEN ENROLLMENT: The Gabor Agency is offering a special open enrollment period for Long-term Care Insurance, from Nov. 2, 2009, to Feb. 12, 2010. Long-term Care Insurance is designed to help employees and their families manage the cost of long-term care services that may be needed when people can no longer perform necessary activities of daily living on their own. These policies are offered through payroll deduction to FSU employees and can be continued after retirement or termination of employment. For information, or to enroll in the Long-term Care Insurance plan, contact the Gabor Agency at (850) 894-9611, option 5.

DEFERRED RETIREMENT OPTION PROGRAM (DROP): The retirement section of Human Resources would like to remind all Florida Retirement System Pension Plan members to carefully review the eligibility and enrollment guidelines concerning participation in the Deferred Retirement Option Program (DROP). With some exceptions, pension plan members become eligible to join DROP when they reach age 62, or having completed 30 years of service, or whichever comes first. Certain pension plan members who accumulate the 30 years of service well before reaching the normal retirement age of 62, may defer participation in DROP until they reach age 57. In addition, all members must be fully vested, having a minimum of six years of service to be eligible for DROP. Employees who wish to enroll in this program should apply approximately three to six months prior to their eligibility date. Information: Leasa Howard or Donna Arnold, (850) 644-4016.

SCHOLARSHIP FOR DEPENDENTS OF FSU EMPLOYEES: Full-time FSU students who are children of current full-time university employees are currently eligible to apply for the FSU Tuition Scholarship. The scholarship carries a maximum award of $1,000 and is based on financial need, with scholarship as a secondary consideration. This award is funded by university employee donations.

There will be four awards given of $1,000 each for the Spring 2010 Semester. Applications can be found at www.hr.fsu.edu with instructions. The deadline to apply is Dec. 11 and the awards will be announced by Dec. 23. Information: Linda Lieblong, 644-7932 or Janine Welch, FSU Foundation, 644-1590.
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Albert Einstein
Charter member, AFT, Princeton, 1938

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UFF dues are 1% of bi-weekly salary. Please fill out the form below and return it to:

Jack Florito, President, UFF-FSU Chapter, RBB 244, P.O. Box 3061110, Tallahassee 32306-1110

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Please enroll me immediately as a member of the United Faculty of Florida (FEA, NEA-AFT, AFL-CIO). I hereby authorize my employer to begin bi-weekly payroll deduction of United Faculty of Florida dues (1% of bi-weekly salary). This deduction authorization shall continue until revoked by me at any time upon 30 days written notice to FSU’s payroll office and to the United Faculty of Florida.

Signature (for payroll deduction authorization)  Today’s date

Visit the UFF-FSU Chapter Web site at www.uff-fsu.org  FSU Works Because We Do!
**RECOGNITIONS**

*Melissa Gross, Ph.D. (Library and Information Studies)*, and Joy Young Hwa Koo co-presented the research poster “Adolescents’ Information Behavior When Isolated from Peer Groups: Lessons from New Immigrant Adolescents’ Everyday Life Information Seeking,” which won the award for “Best Information Behavior Conference Poster,” at the annual meeting of the American Society for Information Science and Technology, Vancouver, B.C., November.

**BYLINES**


Marcia Mardis, Ph.D. (Library and Information Studies), edited the *Library Trends* issue “Important to Us All: School Libraries and LIS Research,” Vol. 58, No. 1. This issue was *Library Trends’* first to focus on school libraries in more than 40 years.


**PRESENTATIONS**

Kathleen Burnett, Ph.D. and Gary Burnett, Ph.D. (Information Studies), co-presented on their National Science Foundation funded award project “VOSS: Virtual Scientific Teams: Life-cycle Formation and Long-term Scientific Collaboration” at the pre-conference Social Informatics SIG Research Symposium at the annual meeting of the American Society for Information Science and Technology, Vancouver, B.C., November. Their co-principal investigators on the grant are Michelle Kazmer, Ph.D., Paul Marty, Ph.D., Besiki Stvilia, Ph.D. (Library and Information Studies), and Chris Hinnant, Ph.D. (Information Institute); and Gary Burnett was one of the “Initial Discussants” at the SIG/USE session “The Next 10 Years of Information Behavior Research,” with Marcia Bates, Sandra Erdelez and Eric Meyers.

Lauren H. Mandel (Information Institute) presented “Attributing and Defining Meaning to the Built Environment: The Semiotics of Wayfinding” at the annual meeting of the American Society for Information Science and Technology, Vancouver, B.C., November.

Owen Mundy, M.F.A. (Art), presented “Intervention and the Internet: New Forms of Public Practice” at the 15th International Symposium on Electronic Art, Belfast, Ireland, August.

**SERVICE**

Corinne Jörgensen, Ph.D. (Library and Information Studies), served on the conference committee for the conference “Thriving on Diversity — Information Opportunities in a Pluralistic World,” at the annual meeting of the American Society for Information Science and Technology, Vancouver, B.C., November.

**GRANTS**

Greg Riccardi, Ph.D. (Library and Information Studies), received a $483, 582 National Science Foundation grant of for the project “Collaborative Research: Data Integration for Repository Services in Biodiversity Informatics.” Riccardi and co-principal investigator Austin Mast, Ph.D. (Biological Science), are collaborating with the University of Texas at Austin and the University of Kansas to create a distributed information system that integrates image-based morphological (form, structure and configuration of organisms) data to improve species and specimen identification.

**PHYSICIST PART OF TEAM HONORED FOR SCIENTIFIC COMPUTING**

A team including The Florida State University’s Gregory Brown has been named the winner of the 2009 Association for Computing Machinery’s Gordon Bell Prize, which honors the world’s highest-performing scientific computing applications.

The results were announced Nov. 19 in Portland, Ore., during the international “Supercomputing Conference ’09” event for high performance computing, networking, storage and analysis.

Brown, a scientist with Parallax Research Inc. in Tallahassee, holds a courtesy appointment in the Florida State University Department of Physics, where he has a long-standing collaboration with Professor Per Rikvold and co-supervises Rikvold’s graduate students.

“My students and I are extremely lucky and very honored that a superb computational physicist like Dr. Brown chose to be an adviser to my research group,” Rikvold said. “Through his courtesy appointment, he makes his unique expertise in extreme high-performance computing available to our graduate students.”
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CRC announces Fall Planning Grant recipients

The Florida State University Council on Research and Creativity has named the fall semester recipients of its 2009-2010 Fall and Spring Planning Grant program. The recipients, who each receive $12,000 toward research planning, are:

• Igor Alabugin (Chemistry and Biochemistry), “Light-Activated DNA-Cleaving Agents with Increased Efficiency and Selectivity for Cancer Cells”;

• Susanne Cappendijk (BioMedical Science), “Nicotinic Therapy Used in Cognitivedisorder Treatments: How the Zebra Finch Can Help to Understand This Therapy”;

• Xiwen Liu (Computer Science), “Robust and Energy Efficient Modeling of Environment Using RFID and Videos”;

• Austin Mast (Biological Science), “Evolutionary Diversification of Two Giant Australian Plant Lineages in Geographic, Environmental and Morphological Space”;

• Tyler McQuade (Chemistry and Biochemistry), “New Catalyst to Aid Pharmaceutical Agent Discovery”;

• Robert Patterson (English), “Why I Did (Not) Get Married: The Representational Politics of Marriage, Gender and Sexuality in Contemporary African American Literature and Culture”;

• Elizabeth Stroupe (Biological Science/Institute of Molecular Biophysics), “Designer Nuclear Extract for Purifying Spliceosomes”;

• Elaine Treharne (English), “The Sensual Book, 400-1500”;

• Joseph Valente (Teacher Education), “Kindergarten in Three Deaf Cultures: The United States, Japan and France”; and

• Xiaojun Yang (Geography), “Urban Growth and Landscape Change in the Beijing Metropolitan Area, China”.

To learn about all of the programs of the Council of Research and Creativity, visit www.research.fsu.edu/crc/crc.html.

Committee approves sabbaticals, leave for 2010-2011

The University Committee on Faculty Sabbaticals has approved the following faculty members for one- and two-semester sabbaticals and to serve as alternates to the approved sabbatical slots.

Approved one-semester sabbaticals for 2010-2011 have been given to: Sudhir Aggarwal (Computer Science), Rafael Bruschweiler (Chemistry and Biochemistry), Helen Burke (English), Wu-Min Deng (Biological Science), Stanley Gontarski (English), Mark Horner (Geography), Shouping Hu (Policy Studies), Joanne Lasker (Communication Science and Disorders), Hui Li (Electrical and Computer Engineering), Brigit Maier-Katkin (Modern Languages and Linguistics), Mark Messersmith (Art), Gavin Naylor (Scientific Computing), Doran Nof (Oceanography), Andy Opel (Communication), Karen Randolf (Social Work), Robert Roman-chuk (Modern Languages and Linguistics), Paul Salmon (Economics), Timothy Salomon (Meteorology), Doug Schrock (Sociology), Pat Villeneuve (Art Education) and Jawole Willa Jo Zollar (Dance).

The alternates for one-semester sabbaticals for 2010-2011 are: James Elsner (Geography), Jerrilyn McGregory (English), Suzanne Sinke (History) and An-I Andy Wang* (Computer Science).

Approved two-semester sabbaticals for 2010-2011 have been granted to: Jonathan Adams (Communication), Julianna Baggott (English), Thomas Baldwin (Electrical and Computer Engineering), Jianming Cao (Physics), James Elsner* (Geography), Yun-Hwa “Peggy” Hsieh (Nutrition, Food and Exercise Science), Xiaolong “Bill” Hu (Geological Sciences), Brian Inouye (Biological Science), Hong Li (Chemistry and Biochemistry), Darrin McMahon (History), Irene Padavic (Sociology), Harrison Prosper (Physics), Ashok Srinivasan (Computer Science), Nora Underwood (Biological Science), Steven Van Sciver (Mechanical Engineering), An-I Andy Wang* (Computer Science), Molly Wasko (Management) and Dina Wilke (College of Social Work). *Alternate for one-semester award.

Approved professional development leave for 2010-2011 has been given to: Anne Garee (Music), Doris Gray (Modern Languages and Linguistics), Lynn Hogan (Art), Randolph Langley (Computer Science), Vicki McArthur (Music), Annette Schwabe (Sociology), Valerie Scoon (Film School), Robert Shacochis (English), Holly Sudano (Accounting) and Ann Ford Tyson (Computer Science).