Faculty Outstanding Research Achievement Awards

The annual awards are part of an open competition, judged by the USF System Research Council, to highlight professional acclaim received by the recipients from their national and international peers for their research.

**Thirteen (13) Awarded in 2015 for Achievements in 2014**

**Jianfeng Cai, PhD, Associate Professor, Chemistry, College of Arts and Sciences**

Dr. Cai received the NSF-CAREER award in 2014 for his research entitled, *CAREER: Lip-cyclic Antimicrobial Peptidomimetics that Disrupt Bacterial Membranes*. This project focuses on the design and synthesis of a new class of peptidomimetics and investigation of their action on the bacterial membranes. The research project was funded with a five-year, $500,000 grant beginning July 2014. This award is part of the Department of Chemistry’s long standing drug discovery effort and is directed towards the development of new pharmacologically active molecules with high selectivity towards a broad spectrum of bacteria. In addition to the NSF CAREER award, Cai published 14 peer reviewed papers in very high impact journals relating to drug discovery as well as a book chapter entitled, *Peptidomimetics as antimicrobial agents, Novel Antimicrobial Agents and Strategies* in 2014. In addition, he filed a patent application entitled, *Identification of Novel Inhibitors that Disrupt STAT3/DNA Interaction from γ-peptide, OBOC Combinatorial Library.*

**Tiffany Chenneville, PhD, Associate Professor, Psychology, College of Arts and Sciences, USF St. Petersburg**

Dr. Chenneville’s program of study focuses on ethical issues related to pediatric HIV research and treatment. She recently received USFSP’s Chancellor’s Award for Excellence in Research, an honor reserved for only the most accomplished scholars. She also recently obtained the Women in Leadership and Philanthropy Award. In 2014, Chenneville published four peer reviewed journal articles in high profile journals in her area to include *AIDS Patient Care and STDs, Journal of HIV/AIDS and Social Services, Ethics and Behavior*, and the *Journal of Empirical Research on Human Research Ethics* and a peer reviewed book chapter in a seminal volume published by school psychology’s primary organization, the National Association of School Psychologists, distinguishing her as an expert in the area of pediatric HIV. Chenneville also received the inaugural Global Pediatric HIV Research Award, a $40,000 grant that will fund a collaborative project with Springs of Hope Kenya, an orphanage for children with HIV.
Swaroop Ghosh, PhD, Assistant Professor, Computer Science and Engineering, College of Engineering Dr. Ghosh received a 2014 National Science Foundation (NSF) award of nearly $500,000 for research on *Exploiting Spintronics for Security, Trust and Authentication*. He published six IEEE journal articles, three of which are special issues, with a cumulative impact factor of 10.47. Additionally, he published 10 IEEE papers in very competitive conferences such as Design Automation Conference, International Solid State Circuit Conference, and Design, Automation and Test in Europe. His team won third place in the prestigious Embedded System Competition in Cyber Security Awareness Week Conference. He was elected as associate editor of IEEE Transactions on Circuits and Systems-1 and to the technical advisory board of Hakham Systems. Ghosh filed three patents and served in program committees of prestigious conferences such as DAC, DATE and ISLPED. He chaired several conference sessions and organized a PhD forum and a special issue of the IEEE Journal.

Nataša Jonoska, PhD, Professor, Mathematics and Statistics, College of Arts and Sciences Dr. Jonoska’s research interests are in theoretical and computational models of molecular self-assembly. Her research is driven by the issue of how biology computes, in particular using formal models such as cellular or other finite types of automata, symbolic dynamics, and topological graph theory to describe recombinant DNA processes and molecular computation. Jonoska’s research was supported by NIH and NSF, and in 2014, she was elected as Fellow of AAAS and awarded with the Pascal Professorship at the University of Leiden. She and a co-author from University of Milano-Bicocca in Italy solved a long standing open problem about the characterization of a set of sequences obtained as a result of splicing, a theoretical model for describing actions of endonuclease enzymes on DNA sequences. Additionally, Jonoska and two co-authors obtained the best paper award at the Unconventional Computing and Natural Computing Conference in 2014 for their paper characterizing certain crystallographic structures.
Shengqian Ma, PhD, Associate Professor, Chemistry, College of Arts and Sciences
Dr. Ma has received several prestigious awards in 2014, including an NSF-CAREER award entitled, CAREER: Development of Mesoporous Metal-Organic Frameworks as a New Type of Platform for Enzyme Immobilization ($575,000, five years) as well as a Department of Energy grant entitled, Functionalized Porous Organic Polymers as Uranium Nano-Traps for Efficient Recovery of Uranium from Seawater ($399,000, three years). In addition to funding, Ma’s research relating to mercury remediation was published in Nature Communications, along with eleven additional peer reviewed articles published in very high-impact journals. In 2014, Thomson Reuters listed him as one of the most Highly Cited Researchers, and also as one of the World's Most Influential Scientific Minds.

John Mayer, DC, PhD, Professor, Physical Therapy & Rehabilitation Sciences, Morsani College of Medicine
Dr. Mayer’s research efforts are aimed at developing and assessing the effectiveness of targeted exercise approaches for the back and core muscles to reduce risk of back injury and improve resilience in high risk occupations, such as emergency responders and military personnel. In 2014, Mayer was awarded $1.3 million in research funding from FEMA, making it the largest single commitment from FEMA’s Assistance of Firefighters Grants, Fire Prevention and Safety research program specifically aimed at interventions for back injury prevention. He was appointed as Scientific Secretariat for the Global Spine Care Initiative as well as a member of the Firefighter Health Research Alliance. Additionally, Mayer was the recipient of the George B. McClelland Researcher of the Year Award from the American Chiropractic Association.
Frank Muller-Karger, PhD, Professor, Biological Oceanography & Remote Sensing, College of Marine Science Dr. Muller-Karger is a biological oceanographer who uses satellite remote sensing data. Muller-Karger has an H-Index of 58, and his group published nine articles in 2014. Muller-Karger employs and supports 15 people: seven students (two MS, five PhD), five postdocs, a systems engineer, a programmer, and an outreach coordinator from his ten active NSF, NASA, NOAA, and EPA grants. His grants have consistently totaled more than $1.1 million per year for over a decade. He values diversity in our university, and in 2014, Muller-Karger, along with others at the College of Engineering, obtained a five-year Sloan Grant to assist underrepresented minority students obtain a PhD in STEM fields. He is also continuously engaged in international programs and hosted three foreign scholars in 2014.

Cindy L. Munro, PhD, RN, ANP-BC, FAANP, FAAN, FAAAS, Associate Dean of Research and Innovation, Professor, College of Nursing Dr. Munro’s research focuses on improving outcomes for critically ill adults, particularly in reducing risk of ventilator-associated pneumonia (VAP) and other important patient safety issues. Some of her 2014 research has been continuously supported since 2002 by NIH grants. Her most recently funded competing renewal, in 2014, received an impact score of 10 (the best possible score) and a first percentile ranking (the best possible percentile). In 2014, she was elected as a USF Chapter Member of the National Academy of Inventors, was selected as an inaugural Ambassador for the Friends of the National Institute of Nursing Research, and was honored by the American Association of Critical Care Nurses as the annual Distinguished Research Lecturer. In addition, she was a Maggie Award winner in 2014 for Best Signed Editorial or Essay/Trade by the Western Publication Association.
Meera Nanjundan, PhD, Associate Professor, Cell Biology, Microbiology and Molecular Biology, College of Arts and Sciences
Dr. Meera Nanjundan studies the role of autophagy in endometriosis and ovarian cancer and the role of MiRNA in Renal Cancer. Her primary appointment is in the Department of Cell Biology, Microbiology and Molecular Biology with a secondary appointment in the Department of Obstetrics and Gynecology. In 2014, she had active grants from National Cancer Institute (NCI), National Institute of Child Health Development (NICHD), Marsha Rivkin Center for Ovarian Cancer Research, and the Braverman/Rudnick Family Grant in Ovarian Cancer Research, totaling $871,937. Additionally in 2014, three papers were published or accepted for publication with Nanjundan as senior author and one provisional patent was filed on endometriosis research. She also mentored one post-doctoral fellow, 17 PhD students, two Masters of Science students, and nine undergraduate students in the CMMB Cell and Molecular program and the Moffitt Cancer Biology PhD program in 2014, mentoring three of those students as their Major Professor.

Matthew Pasek, PhD, Associate Professor, School of Geosciences, College of Arts and Sciences
Matthew Pasek is known by his students as "Dr. P." It’s a good name for him, as his work covers the element phosphorus in all its forms in the environment. In 2014, Matt received his third NASA exobiology grant researching the role of phosphorus in the origin of life, along with collaborative funding from the NSF Center for Chemical Evolution and Yale University. Additionally, he received NASA’s Early Career Fellowship Award, which provides funding to start projects in space science. He was recognized by the Origins of Life community for his work in phosphorus chemistry, becoming the third Miller Early Career Fellow recipient of the International Society for the Study of the Origin of Life (ISSOL). His 2014 scholarly works include five journal articles, one of which was published in Proceeding of the National Academy of Sciences, as well as one book chapter and one article in the scientific press.
Hariharan Srikanth, PhD, Professor, Physics, College of Arts and Sciences
Hari Srikanth directed the Functional Materials Laboratory at the USF Physics department in 2014 with research supported by continuing grants from DoE and Army (TATRC). In calendar year 2014, his group consisted of seven PhD students and two postdoctoral researchers. His research in the area of nanostructured magnetic materials has been recognized worldwide with several invited talks at major professional conferences and high quality journal publications in 2014. He was inducted as a Fellow of the American Physical Society in 2014 and also accepted an appointment as associate editor for the Journal of Applied Physics, which is considered a premier journal in physics.

Camilla Vasquez, PhD, Associate Professor, World Languages, College of Arts and Sciences
Dr. Vasquez specializes in the analysis of internet language. Her scholarly monograph, *The Discourse of Online Consumer Reviews*, published by Bloomsbury Press in 2014, examines the linguistic features of user-generated reviews on sites like TripAdvisor, Amazon and Yelp. As evidence of the larger impact of her work, Vasquez’s book was featured prominently in a recent story published in the *New York Times*, and has been cited in several other media outlets as well. In 2014, she was invited to speak about her book at Georgetown University, Oregon State University, and the University of Florida. Additionally, Vasquez published three articles in peer-reviewed journals in 2014, co-authored with doctoral students.

Thomas Williams, PhD, Professor, Philosophy, College of Arts and Sciences
Dr. Williams’ research focuses on medieval philosophy and theology and the philosophy of religion. Williams received a large 2014-2015 grant from the National Endowment for the Humanities for *John Duns Scotus: Readings in Ethics*. Additionally, Williams won the American Philosophical Association’s Edinburgh Fellowship, which enabled him to be in residence at the Institute for Advanced Studies in the Humanities at the University of Edinburgh during Fall 2014; he was also awarded a visiting fellowship in the Centre for Ethics, Philosophy, and Public Affairs at the University of St. Andrews in 2014 for a Spring 2015 residency at the Centre.

Congratulations faculty for your extraordinary 2014 achievements!
Faculty Outstanding Research Achievement Awards
Fourteen (14) Awarded in 2014 for Achievements in 2013

Matthias Batzill, Ph.D., Associate Professor, Physics, College of Arts and Sciences. In his lab, Batzill investigates condensed matter at the atomic scale with the goal of understanding how the properties of surfaces can be tuned to perform new or improved functions. Dr. Batzill has received a prestigious TUM-IAS (Technische Universität München - Institute for Advanced Study) Hans Fischer Fellowship. The Fellowship is awarded to "Outstanding early-career international scientists, who intend to explore innovative, high-risk topics in their scientific research areas together with a TUM Research Group". This program establishes collaborative research between the Nanophysics and Surface Science Laboratory at USF Physics (directed by Batzill) and the Technical University of Munich in Germany, of which thirteen Nobel Laureates are closely affiliated.

Colin Heydt, Ph.D., Associate Professor, Philosophy, College of Arts and Sciences. Heydt's research focuses on the history of ethics and political philosophy. In January 2013, Dr. Heydt was awarded a National Endowment for the Humanities Fellowship to be in residence at the Institute for Advanced Study, School of Historical Studies, Princeton, for the academic year 2013-2014. Additionally, Heydt was awarded an NEH Fellowship for Summer 2013 on the subject of "Practical Ethics in Eighteenth Century Britain." His book Practical Ethics in Eighteenth Century Britain, will be the first book-length study that examines eighteenth century practical ethics.

Chuanmin Hu, Ph.D., Professor, Optical Oceanography, College of Marine Science. In 2013, Hu published 20 peer-reviewed journal articles on coastal oceanography and his work was cited 904 times. Of these published works, several major breakthroughs were made on remote sensing of estuarine water quality and coastal blooms. In recognizing these and other contributions, the Environmental Protection Agency awarded Dr. Hu a Gulf Guardian Award in June 2013. Additionally, NASA decided in 2013 to use the Hu et al. (2012) chlorophyll algorithm as a standard (i.e., default) for all ocean color missions for most of the global open oceans, starting from the next round of data reprocessing in 2014. This marks the first time that a major change has been made in standard chlorophyll algorithms in optical oceanography since the 1970s.

Anne Latowsky, Ph.D., Associate Professor and Director, French Graduate Program, World Languages, College of Arts and Sciences. Latowsky specializes in Medieval French literature and Latin historiography. She published a 300-page scholarly monograph in 2013 entitled, Emperor of the World: Charlemagne and the Construction of Imperial Authority, 800-1227 with Cornell University Press, a top-ranked university press for medieval studies. The research for this book was supported by a full-year National Endowment for the Humanities Faculty Research fellowship in 2009. In 2007 she was awarded the Van Courtlandt Elliott Prize from the Medieval Academy of America for outstanding first article in the field of medieval studies.
Susan C. McMillan, Ph.D., Distinguished Professor, College of Nursing. McMillan's research focuses on symptom assessment and management and quality of life in persons with cancer. She has developed clinically relevant tools that nurses use in assessing patient symptoms. The Constipation Assessment Scale, for example, has been used both nationally and internationally to improve assessment and management of opiate-induced constipation in persons with cancer. She tested an educational intervention, COPE, for caregivers of hospice patients with cancer and with heart failure and is currently testing it with patients with cancer, with the goal of improving symptom management for patients and improving quality of life for both patients and caregivers. She received the Distinguished Nurse Researcher Award from the Hospice and Palliative Nurses Association, as well as the Oncology Nursing Society 2014 Distinguished Nurse Researcher award and is a Fellow in the American Academy of Nursing.

James Mihelcic, Ph.D., Professor, Civil and Environmental Engineering, State of Florida 21st Century World Class Scholar, College of Engineering. Mihelcic received multiple nationally competitive research awards during 2013, including two large grants from the National Science Foundation (NSF) and the Environmental Protection Agency (EPA), worth $3.9 million and $2.2 million respectively. Mihelcic's NSF award is USF's largest-ever sustainability grant and will support research related to water scarcity and supply issues, energy production, the use of finite natural resources and protection of the environment. The EPA grant supports the development of the new EPA Center for Reinventing Aging Urban Infrastructure for Nutrient Management, founded to tackle issues with urban water management in Florida. His proposal was one of four such EPA centers funded.

Gokhan Mumcu, Ph.D., Assistant Professor, Electrical Engineering, College of Engineering. Mumcu received a $400,000 National Science Foundation CAREER Award in November 2013 for his proposal entitled, Microfluidically Loaded Highly Reconfigurable Compact RF Devices. Additionally, Mumcu published seven journal papers (six in IEEE publications), received two competitive grant awards from National Science Foundation, submitted three patent applications and published four conference papers in 2013. He served as the technical program co-chair of the 2013 IEEE International Antennas and Propagation Symposium, the largest conference in his field, and two of his graduate students received competitive national awards.

Chuck Owen, M.A., Distinguished Professor and Director, School of Music, College of The Arts. Released in 2013, pieces from Owen's jazz CD, River Runs: A Concerto for Jazz Guitar, Saxophone & Orchestra, were nominated for two separate GRAMMY Awards—in the composition categories that include entries across a wide range of genres - from jazz to popular to film music. The CD release represented the culmination of an extensive project and was funded in part through Owen's 2009 Guggenheim Fellowship, awarded to "men and women who have already demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts." The Director of the USF Jazz Ensemble for 25 years, he led the group in performances at international jazz festivals as well as with renowned guest artists such as Ray Charles, Doc Severinson, and Lionel Hampton.
Inna Ponomareva, Ph.D., Associate Professor, Physics, College of Arts and Sciences. Ponomareva has received the NSF-CAREER award in 2013 for her project entitled CAREER: Towards universal understanding of caloric and other complex effects in ferroics from multiscale modeling. The research project was funded with a five-year, $435,000 grant starting in 2013. In addition to the CAREER award, Ponomareva also received a $405,000 peer-reviewed grant from the United States Department of Energy in September 2013, entitled, Complex (anti) ferroic oxides: statics and dynamics at finite temperatures. Also in 2013, Ponomareva continued research on two peer-reviewed Federal grants, each with awards of more than $400,000, and co-authored six peer-reviewed research publications.

Jason Rohr, Ph.D., Associate Professor, Integrative Biology, College of Arts and Sciences. Rohr's research investigates the effects of agrochemicals and climate change on organisms, particularly frogs. During 2013 he published thirteen (13) peer-reviewed publications in journals such as the highly-cited Proceeding of The National Academy of Sciences of the United States of America, Nature Climate Change, Conservation Biology and Proceedings of the Royal Society Biological Sciences. Rohr's research on frog conservation appeared on the cover of the journal Nature. Rohr was also awarded three externally funded federal grants during that period, with total funding exceeding $1 million. In addition he had two other active grants and also subcontracted a $2.5 million NSF EEID grant.

Stanley Stevens Jr., Ph.D., Assistant Professor, Cell Biology, Microbiology and Molecular Biology, College of Arts and Sciences, and Faculty Director, CDDI. In February 2014, Stevens received his third NIH R21 award this academic year. The most current awarded project, entitled: "Impact of Ethanol-induced Protein Nitration on the Histone Modification Code", aims to investigate a novel protein modification and its role in the development of alcohol-induced liver injury. This most recent example of Stevens' active research has culminated in more than $604,000 in mass spectrometry-based proteomics research. Stevens also facilitated the acquisition of a new high-performance mass spectrometer in 2013, necessary for advanced proteomics research, which is now housed in the USF Center for Drug Discovery and Innovation.

Srinivas M. Tipparaju, Ph.D., Associate Professor, Pharmaceutical Sciences, College of Pharmacy. Tipparaju obtained two research grants (NIH and FHTCC) and brought $443,000 of funding support to the University and the College of Pharmacy in 2013 as federal- and state-sponsored funding to continue and maintain the cardiovascular area that he developed. The NIH grant involves researching the regulation of currents in the heart. Tipparaju partnered with Core Rx, Inc., a Tampa Bay pharmaceutical company, on the FHTCC grant to develop the project entitled, Novel Drug Delivery systems by tablet technology: Repositioning the FDA approved drug pipeline, which allows USF students to conduct research at the pharmaceutical company. Additionally, Tipparaju published four papers in high-impact journals, serving as lead author for three.
Yicheng Tu, Ph.D., Associate Professor, Computer Science and Engineering, College of Engineering. Tu received a five-year NSF CAREER Award of nearly $500,000 to support two Ph.D. students conducting research on the foundation of algorithms for computing analytics for data mining and reduction in computational science domains, as well as the design and implementation of a push-based big-data management system. Tu also received an Nvidia CUDA Research Center award for equipment donations, which enhances his students' ability to test and evaluate their system prototypes in state-of-the-art hardware products. Additionally, he published eight technical papers as lead or senior author and had two technical papers accepted into peer-reviewed venues, including IEEE Transactions of Knowledge and Data Engineering and ACM Transactions on Knowledge Discovery from Data. His papers appeared in the conferences International Conference of Distributed Computing Systems, and International Conference on Autonomic Computing.

Xiaohong (Mary) Zhang, Ph.D., Associate Professor, Pathology and Cell Biology, Morsani College of Medicine. Zhang's research focuses on the role of the enzyme HDAC6 and its substrates in human cancers, particularly ovarian and lung cancers. During 2013, Zhang and her research team made a discovery in the field of DNA damage response. These findings were recently published in the prestigious journal Molecular Cell and in the Journal of Biological Chemistry. Zhang previously secured a highly-competitive R01 grant for over $1 million from the National Institute of Health/National Cancer Institute (NCI) and a $450 thousand Liz Tilberis Scholar Award from the Ovarian Cancer Research Fund (OCRF), both of which were successfully renewed in 2013.

Congratulations faculty for your extraordinary 2013 achievements!
Faculty Outstanding Research Achievement Awards
Eleven (11) Awarded in 2013 for 2012

Cesario Borlongan, Ph.D., Professor and Vice Chair for Research, Neurosurgery and Brain Repair, and Director of the Center of Excellence for Aging and Brain Repair, Morsani College of Medicine. Dr. Borlongan was recognized for his research and scholarly activities in the translational biomedical research field. In 2012, Dr. Borlongan was elected as a Fellow of the AAAS (American Association for the Advancement of Science) based on his research on stem cell therapy for stroke, published 23 peer-reviewed articles in journals such as PloS One and Stem Cells and Development, filed a patent application, and became principal investigator on two federal grants, a James and Esther King state grant, and co-investigator on a VA Merit award.

Chad Dickey, Ph.D., Associate Professor of Molecular Medicine, Morsani College of Medicine and Byrd Alzheimer’s Institute. Dr. Dickey was recognized for his research studies on the molecular mechanisms underlying neuro degeneration. In 2012, he published eight manuscripts in top journals: Journal of Biological Chemistry, Autophagy, Chemistry & Biology, ACS Chemical Biology, and Journal of Molecular Biology. Four of the manuscripts concentrated on compounds that target members of the heat shock family, which Dr. Dickey has found to have therapeutic potential. This discovery has advanced knowledge of the biological mechanism used by the cell to deal with protein aggregates. It has also led to the discovery of a lead compound for pharmacological intervention in Alzheimer’s disease.

Benjamin Djulbegovic, M.D., Ph.D., Distinguished Professor and Director, Division of Evidence-Based Medicine and Health Outcomes Research, Department of Internal Medicine, Morsani College of Medicine. Dr. Djulbegovic was recognized for his work in 2012 involving the development of two major theories in clinical research and decision-making: the theory regarding treatment success in clinical trials and the acceptable regret theory, and for his contributions to improving the practice of medicine using the following Evidence Based Medicine (EBM) methods: predicting and proving the optimal treatment discovery rate, developing a new theory of medical decision-making, and improving patient outcomes and saving resources by generating evidence-based guidelines.

David A. Eddins, Ph.D., CCC-A, Associate Professor of Communication Sciences & Disorders, College of Behavioral and Community Sciences. Dr. Eddins was recognized for his work in three areas: establishing the nature and consequences of age-related changes in auditory perception, developing a framework for measurement and computational modeling of the perception of voice quality, and understanding auditory pattern recognition in the context of auditory perceptual learning. In 2012, Dr. Eddins had eight peer-refereed publications in the Journal of the Acoustical Society of America, Hearing Research, Journal of Neuroscience, Experimental Brain Research, and Journal of Speech, Language, Hearing Research. Also in 2012, Dr. Eddins was inducted as a Fellow in The Acoustical Society of America, was awarded an NIH R01 grant for Psychoacoustic Approach to Dysphonic Voice Quality Perception, was principal investigator or co-investigator on five extramural grants, and served as a mentor on another federally funded grant.
**Earl McCoy, Ph.D., Professor of Integrative Biology, College of Arts and Sciences.** Dr. McCoy was recognized for his research and contributions in conservation biology. In 2012, Dr. McCoy was elected as a Fellow of the AAAS, co-wrote a $750,000 USDA training grant to enhance agricultural sustainability, which was later funded, submitted eight refereed publications which were published or in press in 2012 to the Journal of Fish and Wildlife Management, Journal of Applied Ecology, Journal of Herpetology, Fire Ecology, Genetics Research International, Diversity and Distributions, Behavioral Ecology and Sociobiology, and Natural Areas Journal, and co-edited the book Biology and Conservation of North American Tortoises to be published this year by Johns Hopkins University Press.

**Wilbur Kearse Milhous, Ph.D., Professor, Global Health Infectious Disease Research Program and Associate Dean of Research, College of Public Health.** Dr. Milhous was recognized for his research in translating technology from the laboratory to the field. In 2012, Dr. Milhous was designated as a distinguished alumnus from the University of North Carolina for his contributions to the field of discovery and development of drugs for neglected diseases, completed a five-year appointment to represent USF on the Advisory Committee of the Medicines for Malaria Venture (MMV), which holds the world's largest R&D portfolio of new and innovative antimalarial medicines, and was appointed as an editor of Antimicrobial Agents and Chemotherapy, the leading journal in drugs for infectious disease.

**Steven A. Murawski, Ph.D., Population Dynamics/Marine Ecosystem Analysis Professor, Downtown Progress Peter Betzer Endowed Chair, Biological Oceanography, College of Marine Science.** Dr. Murawski was recognized for his work as a fisheries biologist and marine ecologist involved in understanding the impacts of human activities on the sustainability of ocean ecosystems. In 2012, Dr. Murawski was presented with the Dwight A. Webster Memorial Award from the American Fisheries Society for "Meritorious/prestigious service to the profession and fisheries," and began his term as Director and PI of the C-IMAGE consortium, leading a worldwide multi-disciplinary team of scientists investigating the Deepwater Horizon oil spill, with a combined expenditure of over $11 million. He also published two papers in 2012 in the Proceedings of the National Academy of Sciences.

**Frances L. Ramos, Ph.D., Associate Professor of History, College of Arts and Sciences.** Dr. Ramos was recognized for her monograph, Identity, Ritual, and Power in Colonial Puebla, which was awarded the Rocky Mountain Council for Latin American Studies (RMCLAS) Michael C. Meyer Award for Best Book in Mexican History published between 2008 and 2012. Also in 2012, Dr. Ramos won a National Endowment for the Humanities Fellowship to conduct research for her project, The War of the Spanish Succession: Rumor, Gossip, and Political Discourse in Early Eighteenth-Century Mexico.

**Alison Salloum, Ph.D., LCSW, Associate Professor of Social Work, College of Behavioral & Community Sciences, with a joint appointment in Pediatrics, Morsani College of Medicine.** Dr. Salloum was recognized for her research in evidence-based cognitive behavioral trauma interventions for children. In 2012, she published an article in Behavior Research and Therapy on a Grief and Trauma Intervention for Children, was awarded a three-year R34 grant from the National Institute of Mental Health to develop and test the feasibility of a novel intervention for young children with PTSD, is PI on a grant with the Crisis Center of Tampa Bay to conduct child trauma treatment studies, and received a book contract for Grief and Trauma in Children: An Evidence-Based Treatment Manual.
John Skvoretz, Ph.D., Professor of Sociology, College of Arts and Sciences. Dr. Skvoretz was recognized for his work in social network analysis. In 2012, Dr. Skvoretz was awarded the American Sociological Association Mathematical Sociology Section's James S. Coleman Distinguished Career Award. The award recognizes a sustained record of achievement at the highest level, grant support, and publication in leading journals by someone who uses mathematics to build theoretical models of important social structures and processes. Also in 2012, he was elected a Fellow of the AAAS.

Ira Sukrungruang, MFA, Associate Professor of English, College of Arts and Sciences. Mr. Sukrungruang was recognized for his writing, which is quickly gaining an international reputation. During 2012, Mr. Sukrungruang published 18 poems, stories, essays, and reviews, received the Anita Claire Schraff Award for the manuscript of his book of poems, In Thailand It Is Night, and received the Artsmith Artist Residency Fellowship.

Congratulations faculty for your extraordinary 2012 achievements!
Faculty Outstanding Research Achievement Awards
Nine (9) Awarded in 2012 for Achievements in 2010-2011

Roger Ariew, Ph.D., Professor and Chair of Philosophy, College of Arts & Sciences, recognized for accomplishments in outstanding publications, as well as a pre-eminent grant award from the National Endowment for the Humanities (NEH).

Shannon Bassett, MAUD, Assistant Professor, School of Architecture & Community Design, College of The Arts, recognized, in particular, for receipt of a prestigious National Endowment for the Arts grant to launch the Re-Stitch Tampa project.

Eric R. Buhi, Ph.D., Assistant Professor in Community & Family Health, College of Public Health, recognized as a recipient of the Darroch Award for Excellence in Sexual and Reproductive Health Research from the Guttmacher Institute.

John D. Carter, M.D., Associate Professor and Director of the Division of Rheumatology in Internal Medicine, Morsani College of Medicine, recognized for publications in the prestigious journals of Arthritis & Rheumatism and the Annals of Internal Medicine.

Marty Gould, Ph.D., Professor of English, College of Arts & Sciences, recognized, in particular, for the publication of his book, Nineteenth-Century Theatre and the Imperial Encounter (by Routledge, Taylor & Francis Group).

Ivan Oleynik, Ph.D., Professor of Physics, College of Arts & Sciences, recognized for accomplishments detailed in such outstanding publications as Nature Nanotechnology and Physical Review Letters, as well as research grants awarded from the National Science Foundation (NSF), the Office of Naval Research (ONR), and the Defense Threat Reduction Agency (DTRA).

Sidney K. Pierce, Ph.D., Professor in Integrative Biology, College of Arts & Sciences, recognized for accomplishments on horizontal gene transfer between algae and animals featured in prominent national and international outlets, such as Science News, MSNBC, Nature, US News, the LA Times, and National Geographic.

Lindsey Shaw, Ph.D., Assistant Professor in Cell Biology, Microbiology and Molecular Biology, College of Arts & Sciences, recognized for accomplishments in the area of bacterial pathogenesis and the receipt of two grants from the National Institute of Allergy and Infectious Diseases (NIAID) with a combined total award of over $1.7 million.

Brent J. Small, Ph.D., Professor at the School of Aging Studies, College of Behavioral & Community Sciences, recognized for accomplishments, such as being honored with fellowship status in the Association of Psychological Science (APS) along with outstanding publications in peer-reviewed journals, Neuropsychology, Journal of Gerontology: Psychological Sciences and Cancer.

Congratulations faculty for your extraordinary 2010-2011 achievements!
Faculty Outstanding Research Achievement Awards
Ten (10) Awarded in 2010 for Achievements in 2009

P. Amina Alio, Ph.D., Assistant Professor of Community & Family Health, College of Public Health. Recognized for outstanding publications including a seminal paper published in the Lancet, on the impact of intimate partner violence.

Matthias M. Batzill, Ph.D., Assistant Professor of Physics, College of Arts & Sciences
Received a competitive “CAREER” grant from the National Science Foundation titled *Nanoscale surface properties of functional metal oxides*, a Department of Energy grant, *Photocatalysis of modified transition metal oxide surfaces*, and funding of over $1 million dollars.

Elizabeth Bird, Ph.D., Professor of Anthropology, College of Arts & Sciences
Recipient of the Communication Research as Open Field Award from the International Communication Association (ICA).

Jerri D. Edwards, Ph.D., Assistant Professor, School of Aging Studies, College of Behavioral and Community Sciences. Recognition for her research and publications on cognitive intervention and training and winning an R21 grant from the National Institute on Aging, titled *Cognitive Speed of Processing Training Among Persons with Parkinson’s Disease*.

Carolyn S. Ellis, Ph.D., Professor of Communication, College of Arts & Sciences
Received the 2009 Charles Horton Cooley Award, presented by the Society for the Study of Symbolic Interaction, for her book *Revision: Auto-ethnographic Reflections on Life and Work*.

Cecile A. Lengacher, RN, Ph.D., Professor and Director of the BS-PhD Program, College of Nursing
Received a 5-year NIH R01 grant from the National Cancer Institute and received supplemental ARRA funding, with total funding in excess of $3 million dollars.

Lynn Bloxom (Marty) Martin, Ph.D., Assistant Professor of Integrative Biology, College of Arts & Sciences
Recipient of the George A. Bartholomew Young Investigator Award, from the Society for Integrative and Comparative Biology and from the NSF, Integrative Organismal Systems Program, entitled: *Physiological mediation of vertebrate invasions*.

Casey W. Miller, Ph.D., Assistant Professor of Physics, College of Arts & Sciences
Received two extremely competitive grants, the Air Force Office of Scientific Research Young Investigator Award and NSF Early Career Award for his research in magnetic materials, with a funding total of $896,334.

Eric A. Storch, Ph.D., M.S., Associate Professor of Pediatrics, College of Medicine
Received grant funding from the National Institute of Child Health & Development, titled: *CBT for Anxiety Disorders in Autism: Adapting Treatment for Adolescents* and the All Children’s Hospital Research Foundation, with funding over $1 million dollars.
Dr. Thomas R. Unnash, Ph.D., Professor and State of Florida World Class Scholar, Global Health Infectious Disease Research Program, College of Public Health. Continued extraordinary contributions to global infectious disease research, published eight peer reviewed articles, winning two American Recovery and Reinvestment Act awards from the NIH which now represents 21 years of uninterrupted funding from the NIH.

Congratulations faculty for your extraordinary 2009 achievements!
Faculty Outstanding Research Achievement Awards
Fourteen (14) Awarded in 2009 for Achievements in 2008

John H. Adams, PH.D., Professor, Global Health, College of Public Health
Recognized for the publication of “Comparative Genomics of the Neglected Human Parasite Plasmodium vivax Illuminates Malaria Parasite Biology” in the journal Nature and two articles in Public Library of Science Pathogens (PLoS Path).

Jon Antilla, PH.D., Assistant Professor, Department of Chemistry, College of Arts & Sciences
Recognized for receiving an NSF CAREER Award* for his study titled Chiral Phosphoric Acid-catalyzed Reaction Methodology and Synthetic Applications.

Venkat R. Bhethanabotla, PH.D.
Recognized for the major role he played in the discovery and development of surface acoustic waves for the simultaneous sensing of multiple biomarkers. In 2008 this resulted in 3 patent applications and 7 published in articles in highly competitive journals such as Physical Review E, Physical Review B, and Applied Physics Letters.

Kathryn M. Borman, PH.D, Professor, Department of Anthropology, College of Arts & Sciences
In 2008 Dr. Borman received 4 research grants totaling $2,802,295 for her large, collaborative, inter-disciplinary, multi-phased and multi-centered projects directed at critically relevant concerns in public education nationally as well as in Florida. Two of these grants are from the National Science Foundation and are focused on studying student participation in Science, Technology, Engineering, and Math curricula.

Boris Galperin, PH.D., Associate Professor, College of Marine Science
The discovery of a new turbulence regime called “zonons” which helps to explain the interaction between waves and turbulence in fluids. This discovery was published in Physical Review Letters in 2008 and sheds new light on the study of planetary atmospheres and the Earth’s oceans.

Peter Harries, PH.D., Associate Professor, Department of Geology, College of Arts & Sciences
Recognized for his role in the publication of “Phanerozoic Trends in the Global Diversity of Invertebrates,” in the Journal Science. Dr. Harries was a leading member of an international team of scientists who compiled the Paleobiology Database to examine the evolution and variation in biodiversity through geologic time.

Russell Kirby, PH.D., Professor & Marrell Endowed Chair, Department of Community & Family Health, College of Public Health
Recognized for receiving the Godfrey P. Oakley, Jr. Award by the national Birth Defects prevention Network for his significant contribution to the field of birth defects and his senior leadership in numerous collaborative research projects undertaken by the network.

Jarred Ligatti, Assistant Professor, Department of Computer Science & Engineering, College of Engineering
Recognized for receiving an NSF CAREER Award* for his study titled Foundational Theories and Enforcement Tools for Secure Software Systems.
Pat Rogers, PH.D., LITT.D, D.LITT, F.B.A., Eminent Scholar and Debartolo Professor of Humanities, Department of English, College of Arts & Sciences
Recognized for his election to the Fellowship of the British Academy for attaining “high international standing in any of the branches of study which it is the object of the Academy to promote.” The British Academy focuses on the Humanities and Social Sciences and is the equivalent of the National Academy of Sciences in the U.S. Dr. Rogers is a leading international scholar in the field of 18th Century British Literature and Culture and is one of only 10 scholars to be selected as Corresponding Fellows of the British Academy in 2008.

Jason Rohr, PH.D., Assistant Professor, Department of Integrative Biology, College of Arts & Sciences Recognized as the lead author on a paper entitled “Agrochemicals Increase Trematode Infections in a Declining Amphibian Species” in the journal Nature, and the paper entitled “Evaluating the Links between Climate, Disease Spread, and Amphibian Declines” in the Proceedings of the National Academy of Sciences. In 2008 Dr. Rohr also received over $1M in research funding from the Environmental Protection Agency and Department of Agriculture.

Hamisu Salihu, PH.D., Professor, Department of Epidemiology & Biostatistics, College of Public Health Recognized for the publication of a novel theory called “event memory hypothesis” which suggests a possible molecular memory-recall programming pattern in human gestation using epidemiologic/molecular evidence. In 2008 this hypothesis was published in the journals Medical Hypotheses and Obstetrics & Gynecology, and may help to understand and prevent the causes of fetal death.

Noel Schiller, PH.D., Assistant Professor, School of Art and Art History, College of the Arts Recognized for receiving a Getty Postdoctoral Residential Fellowship** to work on her book, Engaging Laughter: Representing Perception, Sensation, and the Passions in Seventeenth-Century Dutch Art. This 9-month residential program allows scholars to devote themselves to full-time research and to participate in regular formal and informal gatherings among the community of scholars. Dr. Schiller was one of only 15 scholars to be selected for this fellowship that supports “interpretive research projects that promise to make a substantial and original contribution to the understanding of art and its history.”

Kristina Schmidt, PH.D., Assistant Professor, Department of Cell Biology, Microbiology and Molecular Biology, College of Arts & Sciences Recognized for being a junior faculty member who has been awarded a National Institutes of Health R01 Grant totaling $1,320,000. This project, titled Suppression of Translocations by RecQ-like DNA helicases, will focus on genomic instability using a yeast model system.

Kevin Yelvington, D. PHIL., Associate Professor, Department of Anthropology, College of Arts & Sciences Recognized for receiving a Fellowship from the John Simon Guggenheim Memorial Foundation,** to work on his book, Melville J. Herskovits and the making of Afro-American Anthropology. One of 190 fellows selected from more than 2,600 applicants, he is among artists, scientists and scholars chosen for their stellar achievement and exceptional promise for continued accomplishment.

Congratulations faculty for your extraordinary 2008 achievements!
Faculty Outstanding Research Achievement Awards
Six (6) Awarded in 2008 for Achievements in 2007

Giovanna Benadusi, Ph.D., Associate Professor, Department of History, College of Arts and Sciences, Tampa Campus Recognized for receiving a Research Fellowship from the American Council of Learned Societies,* a federation of seventy national scholarly organizations widely recognized as the preeminent scholarly society promoting the “advancement of humanistic studies in all fields of learning in the humanities and social sciences.”

Sanjukta Bhanja, Ph.D., Assistant Professor, Department of Electrical Engineering, College of Engineering, Tampa Campus Recognized for receiving a Faculty Early Career Development Award* from the National Science Foundation for her study titled “Error Power and Reliability for Nano-Silicon and Beyond.” The CAREER awards are the NSF’s “most prestigious awards in support of the early career-development activities of those teacher-scholars who most effectively integrate research and education within the context of the mission of their organization.”

Mya Brietbart, Ph.D., Assistant Professor, College of Marine Science Recognized for receiving an Alfred P. Sloan Research Fellowship* in the field of molecular biology. These awards are given to early career faculty with “the most outstanding promise of making fundamental contributions to new knowledge” in the fields of: chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, and physics.

Yogi Goswami, Ph.D., Professor, Chemical and Biomedical Engineering, College of Engineering Recognized for receiving the Frank Kreith Energy Award from the American Society of Mechanical Engineers, the Farrington Daniels Award from the International Solar Energy Society, and the Hoyt Clark Hottel Award from the American Solar Energy Society for his contributions to the field of renewable energy and solar power.

Riccardo Marchi, Ph.D., School of Art and Art History, College of Visual and Performing Arts Recognized for receiving a Getty Postdoctoral Residential Fellowship* to work on his book, Learning to Look at Pure Painting: Boccioni, Delaunay and Kandinsky in Berlin, 1912 – 1913. This 9-month residential program allows scholars to devote themselves to full-time research and to participate in regular formal and informal gatherings among the community of scholars.

Ryan Toomey, Ph.D., Assistant Professor, Department of Chemical and Biomedical Engineering, College of Engineering, Tampa Campus Recognized for receiving a Faculty Early Career Development Award* from the NSF for his study titled “Responsive, Surface-Attached Networks with Built-in Logic: An Integrated Research and Education Plan.” The CAREER awards are the NSF’s “most prestigious awards in support of the early career-development activities of those teacher-scholars who most effectively integrate research and education within the context of the mission of their organization.”
*These awards are recognized as a benchmark of distinction by the National Research Council, the Top American Research Universities (TARU), and the American Association of Universities.

Congratulations faculty for your extraordinary 2007 achievements!
Faculty Outstanding Research Achievement Awards
Six (6) Awarded in 2007 for Achievements in 2006

Mohamed Eddaoudi, Ph.D., Assistant Professor, Department of Chemistry, College of Arts and Sciences, Tampa Campus Recognized for receiving a Faculty Early Career Development Award from the NSF for his study titled “Molecular Building Block Approach to Zeolite-Like Metal-Organic Frameworks (ZMOFs).”

Jay Hopler, M.F.A., Assistant Professor, Department of English, College of Arts and Sciences, Tampa Campus Recognized for being the one poet out of a field of 600 competitors to win the Yale Younger Poets Prize for his collection of poetry, Green Squall. In addition, he won Silver Medal in 2006 Florida Book Awards and Bronze Medal in 2006 ForeWord Magazine’s Book of the Year Award for the collection.

Dennis Kyle, Ph.D., Professor, Department of Global Health, College of Public Health Recognized for being selected as the Scientist of the Year by the Malaria Foundation International for his “phenomenal record of productivity in malaria chemotherapy research.”

Diana Roman, Ph.D. and Jonathan Wynn, Ph.D., Assistant Professor, Department of Geology, College of Arts and Sciences, Tampa Campus Recognized for their roles in a collaborative project that published the cover article, “Geological and Paleontological Context for the Pliocene Juvenile Hominin at Dikika, Ethiopia” as the cover article in Nature. The discovery of the juvenile skeleton is listed as “top ten” scientific accomplishments of the year in the Wall Street Journal.

X. Peter Zhang, Ph.D., Associate Professor, Department of Chemistry, College of Arts and Sciences, Tampa Campus Recognized for receiving a Faculty Early Career Development Award from the NSF for his project titled “Catalytic Carbene and Nitrone Transfer Reactions by Metalloporphyrins.”

Hao Zheng, Ph.D., Assist. Professor, Dept of Computer Science & Engineering, College of Engineering Recognized for receiving a Faculty Early Career Development Award from the NSF for his project “Methodologies and Tools for Large Real-Time Concurrent System Verification.”

Congratulations faculty for your extraordinary 2006 achievements!
Faculty Outstanding Research Achievement Awards
Five (5) Awarded in 2006 for Achievements in 2005

Arthur P. Bochner, Ph.D., Professor, Department of Communication
For receiving the Bernard J. Brommel Award for Outstanding Scholarship presented by the National Communication Association.

Alfredo Cardenas, Ph.D., Assistant Professor, Department of Chemistry
For receiving a Faculty Early Career Development (CAREER) Award from the National Science Foundation.

Herman Friedman, Ph.D., Distinguished University Professor, Department of Molecular Medicine
For receiving the Professional Recognition Award of the American Boards of Medical Microbiology and Medical Laboratory Immunology presented by the American Society of Microbiology.

David K. Johnson, Ph.D., Assistant Professor, Department of History

Scott Kluksdahl, M.M., Professor, School of Music
For his performance and broadcast with the Sofia Philharmonic Orchestra and the release of two compact disc recordings including the world premier of compositions by Richard Wernick, August Read Thomas, and the late USF Music Professor Robert Helps.

Congratulations faculty for your extraordinary 2005 achievements!
Faculty Outstanding Research Achievement Awards
Ten (10) Awarded in 2005 for Achievements in 2004

Elizabeth Bird, Ph.D., Professor/Chair, Department of Anthropology
For receiving the 2004 Best Book Award of the International Communication
Association for the book entitled *The Audience in Everyday Life: Living in a Media

Constanza Bonadonna, Ph.D., Assistant Professor, Department of Geology
For receiving the Subaru Outstanding Woman in Science Award from the Geological

William Cummings, Ph.D., Associate Professor, Department of History
For receiving the Harry J. Benda Prize in Southeast Asian Studies from the Association
for Asian Studies and the Phi Alpha Theta Best First Book Award from Phi Alpha
Theta, the History Honor Society for his book entitled *Making Blood White: Historical
Transformations in Early Modern Makassar* published by the University of Hawaii Press
in 2002.

Gregory Herbert, Visiting Instructor, Department of Geology For the paper
“Reduced Competition and Altered Feeding Behavior among Marine Snails after a

Daniel Lim, Ph.D., Professor, Department of Biology For receiving one of four 2004
Homeland Security Awards (his in the field of Biological, Radiological, Nuclear) from
the Christopher Columbus Fellowship Foundation (a federal agency).

Bruce Lindsey, Ph.D., Professor/Chair, Department of Physiology & Biophysics
For receiving the Javits Investigator Award, a 7-year, $3.5 million grant from the
National Institute of Neurological Disorders and Stroke. Dr Lindsey is the first
investigator at USF to receive this award.

Shyam Mohapatra, Professor, Department of Internal Medicine For the paper
“Inhibition of Respiratory Syncytial Virus Infection with Intranasal siRNA Nanoparticles
Targeting the Viral NS1 Gene” published in *Nature Medicine* (online 26 Dec. 2004; doi:
10.1038/nm1174).

Paul Sanberg, Ph.D., D.Sc., Distinguished University Professor, Center of
Excellence for Aging & Brain Repair/Department of Neuroscience
For recognition of his novel cell therapy approaches for brain repair by the International

Brent Small, Ph.D., Associate Professor, School of Aging Studies and Florida
Policy Exchange Center on Aging For receiving the Margret M. Baltes Early
Investigator Award in Behavioral and Social Gerontology by the Gerontological Society
of America in November 2004.
Kenneth L. Wright, Ph.D., Assistant Professor and Edward Seto, Ph.D.,
Professor, Department of Interdisciplinary Oncology
For the paper “PRDI-BF1 Recruits the Histone H3 Methyltransferase G9a in

Congratulations faculty for your extraordinary 2004 achievements!
Faculty Outstanding Research Achievement Awards  
Ten (10) Awarded in 2004 for Achievements in 2003

The Outstanding Faculty Research Achievement Awards were established in 2003 to underscore and celebrate the national and international recognition that USF faculty have received for extraordinary research accomplishments during the preceding year. Awards of $5,000 and a commemorative medal are presented to recipients at the annual fall Celebrate Research reception.

Shekhar Bhansali, Ph.D., Assistant Professor, Electrical Engineering, College of Engineering: For receiving an NSF Career Award and a five-year NSF Integrated Graduate Education & Research Traineeship (IGERT) Award.

Gaëtan Brulotte, Ph.D., Professor, World Languages Education, College of Arts & Sciences: For the critical acclaim for his play Le Client at the International Drama Festival in Avignon, France.

Mohamed Eddaoudi, Ph.D., Assistant Professor, Chemistry, College of Arts & Sciences: For the publication in Nature of his paper, “Reticular synthesis and the design of new materials,” and in Science of his paper, “Hydrogen storage in Microporous metal-organic frameworks.”

Susan Greenbaum, Ph.D., Professor, Anthropology, College of Arts & Sciences: For the acclaim received for her book, More than Black: Afro-Cubans in Tampa. This includes the Theodore Saloutos award for the outstanding book of the year by the Immigration & Ethnic History Society; the Harry T. and Harriet V. Moore award for best ethnographic history of Florida by the Florida Historical Society & the Florida Institute of Technology; and the selection of the book as an Outstanding Academic Book by the American Library Association.

William Haley, Ph.D., Professor, Aging Studies, College of Arts & Sciences For his paper published in the New England Journal of Medicine, and the editorial about it on end of life care and bereavement associated with dementia; his selection as chair of Behavioral & Social Sciences Section of the Gerontological Society of America, his briefing to the US House of Representatives on lifespan respite care; and his selection as an associate editor of Psychology & Aging published by the American Psychological Assoc.

Lawrence Hall, Ph.D., Professor, Computer Science & Engineering, College of Engineering: For being elected a Fellow of the Institute of Electrical and Electronics Engineers, and for his appointments as Editor-in-Chief of the IEEE Transactions on SMC, Part B and vice president of IEEE Systems, Man, & Cybernetics (SMC) Society.

Ashok Kumar, Ph.D., Associate Professor, Mechanical Engineering, College of Engineering: For impressive leadership in research grant awards from NSF including a Major Research Instrument (MRI) grant, a Grant Opportunities for Academic Liaison with Industry (GOALI) grant, his continuing Faculty Early Career Award and most recently, a Nanoscale Interdisciplinary Research Teams (NIRT) grant.

Terrence Quinn, Ph.D., Associate Professor, Marine Science, College of Marine Science: For being selected by the US Science Advisory Committee as 1 of 7 scientists to serve on the Science Planning Committee (SPC) of the Integrated Ocean Drilling Program.
Pat Rogers, Ph.D., Eminent Scholar, English, College of Arts & Sciences:
For the publication in the *Times Literary Supplement* of his article, “Hurricanes Happen in Hampshire: Defoe and the Great Storm of 1703.”

Hua Yu, Ph.D., Associate Professor, Interdisciplinary Oncology, College of Medicine:
For the publication in *Nature Medicine* of her article, “Regulation of the innate and adaptive immune responses by Stat-3 signaling in tumor cells.”

Congratulations faculty for your extraordinary 2003 achievements!
Faculty Outstanding Research Achievement Awards
Twelve (12) Awarded in 2003 for Achievements in 2002

Dr. Bárbara Cruz, Ph.D., Associate Professor of Social Science Education, Department of Secondary Education, College of Education: For receiving the Carter G. Woodson Book Award, given by the National Association of Social Sciences for the most distinguished book in young adult social sciences. She also received the Distinguished Achievement Award for best article by the Association of Educational Publishers.

Boris Galperin, Ph.D., Associate Professor of Marine Science, College of Marine Science: For his new theory explaining the bands on giant planets such as Jupiter, Saturn and Neptune was published in Physical Review Letters.

Abraham Kandel, Ph.D., Distinguished Professor, Computer Science and Engineering, College of Engineering: For his work with the University of the Negev, in Beer-Sheva, Israel, in the field of classifier combination. This resulted in his receipt of the Fulbright Award for the exchange of research scholars between the US and Israel.

Srivinasa Katkoori, Ph.D., Assistant Professor, Department of Computer Science and Engineering, College of Engineering: For receipt of the very competitive Faculty Early Career Development Award from the National Science Foundation.

William Kerr, Ph.D., Associate Professor, Department of Interdisciplinary Oncology, College of Medicine: For his article about the discovery of important processes for bone marrow transplantation published in the journal Science.

Gary Litman, Ph.D., Professor, Department of Pediatrics, College of Medicine: For his paper about the discovery of the origins of immune systems in evolution published in the journal Nature.

Robin Murphy, Ph.D., Professor, Department of Computer Science & Engineering, College of Engineering: For being selected as the 2002 Distinguished Lecturer by the National Science Foundation, Computer Information Science and Engineering Division, and co-founding the new field of robotic search and rescue.

John Paul, Ph.D., Professor of Marine Science, College of Marine Science: For discoveries on the immunity to infection of marine viruses that were published in the journal Nature. He also led two teams, each winning a Biocomplexity grant from the NSF.

Thomas Pichler, Ph.D., Assistant Professor, Geology, College of Arts & Sciences: For leading a team that competed for and won a highly competitive Biocomplexity grant from the NSF.

Nagarajan Ranganathan, Ph.D., Professor, Department of Computer Science & Engineering, College of Engineering: For being elected a Fellow of the Institute of Electrical and Electronics Engineers. He was also appointed Editor- in-Chief of the prestigious journal of the Society of Electrical and Electronics Engineers.

Juan Sanchez-Ramos, M.D., Ph.D., Professor, Department of Neurology, College of Medicine: Recognized for performing breakthrough research that could result in effective treatment of brain and spinal cord injuries. He and his co-inventors patented bone marrow cells as a source of repair for brain and spinal cord repair.
Hong-Gang Wang, Ph.D., Associate Professor, Department of Pharmacology & Therapeutics, College of Medicine: For his paper published in the journal Science on the genetic origins of vertebrates.

Congratulations faculty for your extraordinary 2002 achievements!