



editor in the [Journal of Ecological Engineering Design](#) and was elected chair of the 2023 Annual Meeting of the [American Ecological Engineering Society](#).

Jerome W. Breslin, PhD, Professor

Molecular Pharmacology and Physiology, USF Health Morsani College of Medicine

[Dr. Jerome Breslin's](#) research focuses on the cellular and molecular mechanisms underlying microvascular hyperpermeability and lymphatic clearance of edematous fluid. In 2022, he was awarded four new competitive, peer-reviewed grants: 1) a five-year NIH R35 grant studying microvascular leakage in hemorrhagic shock and trauma; 2) an NIH R21 grant investigating human resistance artery functional changes with alcohol use; 3) an NIH R56 focused on lymphatic dysfunction associated with obesity and metabolic syndrome; and 4) a competitive renewal of the American Heart Association grant that supports the [USF Cardiovascular Summer Undergraduate Research Fellowship program](#). Dr. Breslin's 2022 grant funding totaled \$3,008,932. He is also co-investigator on two other NIH R01 grants related to cardiovascular disease. He published three new papers and a book chapter pertaining to this work in 2022 and served as president of the [Microcirculatory Society](#) for a two-year term from 2021-2023.

Thomas B. Casale, MD, Professor

Internal Medicine, USF Health Morsani College of Medicine

[Dr. Thomas Casale](#) has served as the director of the [Division of Allergy and Immunology](#) at the [Joy McCann Culverhouse Clinical Research Center](#) for the past ten years. There, he oversaw multiple clinical research projects, many of which he either designed or helped design, funded by a variety of sources including the [Immune Tolerance Network sponsored by the National Institute of Allergy and Infectious Diseases](#), the [Patient-Centered Outcomes Research Institute](#), and industry-sponsored funding. He published 28 papers in peer-reviewed journals in 2022, an unusually high number for any researcher. He was an invited speaker at many national and international meetings in 2022 and was an author on more than 35 abstracts presented at

Southeast Asia. His innovative research focuses on understanding the complex interactions between the parasite, vectors and human hosts to identify the major drivers of malaria transmission. His work aims to inform evidence-based policymaking for effective malaria control and elimination efforts. In 2022, he had two active grants, including a U19 center grant and a D43 training grant, totaling \$2,584,698 in funding. In 2022, he published 26 research papers in high-impact peer-reviewed journals, serving as a corresponding or co-corresponding author on 11 of these publications, and was elected to the [American Academy of Microbiology](#).

Mandie Bevels Dunn, PhD, Assistant Professor

Curriculum, Instruction and Learning, College of Education

[Dr. Mandie B. Dunn](#) studies how English teachers teach while grieving, with particular focus on how dynamics between teachers and students, including identity positions (e.g., race, gender), influence what they share about loss experiences when they read and write together. In 2022, Dr. Dunn published three peer-reviewed articles: one in the international journal [English in Education](#), one in the top global literacy journal, [Reading Research Quarterly](#), and one in the top English teacher education journal, [English Education](#). The latter two articles detail findings from her nationally funded grant-project, Teaching Literary Texts While Grieving a Death. Also in 2022, Dr. Dunn completed data collection on the grant-funded project, Cultivating Anti-Racist Writing Teachers through the [Tampa Bay Area Writing Project](#), received a USF Creative Scholarship Grant, presented five conference papers, received a Literati Outstanding Paper Award and co-chaired the Early Career Cohort of [National Council of Teachers of English](#), which supports early career scholars in their research.

Prahathees Eswara, PhD, Associate Professor

Molecular Biosciences, College of Arts and Sciences

[\\_\\_\\_\\_\\_](#) research aims to understand bacterial cell division and harness this knowledge to develop novel antibiotics. His lab is supported by an NIH R35 grant (~\$2.2M; 2019-2024) and he is the first person from USF to receive this outstanding investigator award. He also received an R21 grant (2021-2023) as a co-Investigator. In 2022, he published five research articles including two as a corresponding author in journals such as [Nature Communications](#) (IF: 17.7) and [Microbiology Spectrum](#) (IF 9.0). In recognition of his expertise, Dr. Eswara was invited to serve as a Councilor (2020-2023) and as a Program Committee member (2022-2025) of the annual international Microbe meetings for the [American Society for Microbiology](#). In 2022, Eswara reviewed grants for NSF and was solicited to review for European Research Council Advanced Grant. In October 2022, Eswara delivered the distinguished faculty CAS Trail Blazers Lecture attended by USF alumni and donors.



[Components](#) argues for movin

through component parts, examples of which are represented by each of the chapters. Dr.

[Strategic Interventions in Mental Health Rhetoric](#), co-edited with Cathryn Molloy, brings together diverse scholars who cumulatively argue for the importance of rhetorical expertise in mental health communication. Recognizing the importance of her work, she was awarded the [Ken Rainey Research Award](#) from the [Society for Technical Communication](#) and the [Kitty Locker Research Award](#) from the [Association of Business Communication](#) in 2022, and was conferred as Society of Technical Communication Associate Fellow.

Sunil Mithas, PhD, Professor and USF World Class Scholar

School of Information Sciences and Management, Muma College of Business

[Dr. Sunil Mithas](#) received the [INFORMS Information Systems Society \(ISS\) Distinguished Fellow Award](#) in 2022, one of the most prestigious lifetime achievement awards for the information systems scholars for his outstanding intellectual contributions to the information systems discipline. In 2022, he contributed eight published or forthcoming articles, of which seven are in a highly selective list of business journals used in the [University of Texas at Dallas](#) and [Financial Times](#) lists to rank top business schools. He served as a Senior Editor of [MIS Quarterly](#) and Department Editor of [Production and Operations Management](#) and [Management and Business Review](#) and provided the keynote address at a conference in Wuhan in 2022. He also continued his prolific work with doctoral students.

Sami F. Noujaim, PhD, Professor

Molecular Pharmacology & Physiology, Morsani College of Medicine

[Dr. Sami Noujaim](#) is a recognized expert in cardiac bioelectricity and arrhythmias research. He has elucidated the role of inwardly rectifying potassium channels in the mechanisms of atrial and ventricular arrhythmogenesis. In 2022, he was awarded a new R01 grant from the [National Heart, Lung, and Blood Institute](#) of the National Institutes of Health. The grant aims to develop and test, using bioengineering approaches, a novel class of antiarrhythmics capable of potently and safely blocking a specific type of potassium channels shown to play a pathological role in atrial fibrillation, a common and tough-to-treat cardiac arrhythmia. He also published a paper in [Proceedings of the National Academy of Sciences](#), which demonstrated the ability of these

Lawrence A. Stern, PhD, Assistant Professor

Chemical, Biological and Materials Engineering, College of Engineering

[Dr. Lawrence Stern](#) leads a research group that studies synthetic receptor and protein design to augment cell-based therapies for cancer. In 2022, he received an [NIGMS Maximizing](#)  
[ard](#) R35, providing \$1.8M over five years to study protein engineering methods for new synthetic receptors and protein-based inhibitors and apply these technologies to study cell signaling. Dr. Stern published two invited contributions in 2022. The first, published in the [AIChE Journal Futures Issue](#), which recognizes rising stars in chemical engineering, was an original research manuscript detailing an optimized high-throughput screening platform to study cell signaling. The second, published in the prestigious [Methods in Molecular Biology](#) book series, was a chapter that detailed the methods in the AIChE Journal

service includes serving as vice chair for AIChE Area 15C (bioengineering). He is very committed to mentorship, currently leading a lab of 13 young scientists.

Gopal Thinakaran, PhD, Professor

Molecular Medicine, Morsani College of Medicine

[Dr. Gopal Thinakaran](#) has contributed significantly to cell and molecular characterization of BIN1, the second most significant Alzheimer's disease risk gene. In 2022, he was awarded two, 5-year R01 grants from [NIH](#) with total funding of \$7,255,070 to investigate how variations in BIN1 elevate someone's risk for Alzheimer's disease. His research investigated BIN1 function using cell-type-specific conditional knock-out and transgenic mouse models of Alzheimer's disease. He published four papers in 2022, including one in [Brain](#) (Impact Factor 15.26) highlighting BIN1 regulation of region-specific tau pathogenesis and neurodegeneration in a novel mouse model and another in [Molecular Neurodegeneration](#) (Impact Factor 18.88) detailing the discovery of BIN1 function in neuroinflammation. His work has been cited 567 times in 2022. He also organized a successful workshop to train USF researchers on how to apply the state-of-the-art nanoString DSP spatial transcriptomics approaches in their research.

Maya Trotz, PhD, BCEE, Professor

Civil and Environmental Engineering, College of Engineering

Director, Collaborative National Research Traineeship: Strong Coasts

[Dr. Maya Trotz's](#) students are currently working in interdisciplinary teams and with diverse community partners in Tampa, Barbados, Belize, Iowa and the U.S. Virgin Islands on projects to reduce nitrogen pollution to both freshwater and marine ecosystems and broaden participation in the engineering research. Dr. Trotz was awarded four [NSF](#) awards as a principal investigator in 2022, totaling \$26.7 million. Also in 2022, she published two peer-reviewed proceeding abstracts and served as PhD Advisor to an awardee of the [American Water Resources Association Florida Section](#), William V. Storch Student Award and the American Water Resources Association Diversity, Equity, and Inclusion Scholarship.

Steven R. Wilson, PhD, Professor  
Communication, College of Arts and Sciences

[Dr. Steven Wilson](#) is an internationally renowned expert on interpersonal communication whose research offers important insights about how people navigate difficult conversations (e.g., families talking with military veterans about behavioral health) as well as create resilience in the face of life disruptions (e.g., challenges during the COVID-19 pandemic). During 2022, Dr. Wilson was recognized with a major career award from the [National Communication Association](#), published two peer-reviewed articles, a handbook chapter, and an encyclopedia article, received two top-paper awards from national and international conferences, co-edited a flagship journal in his discipline had his first doctoral graduate receive two dissertation awards and performed important service in support of military veterans and their families in the Tampa Bay area and beyond.

Yasin Yilmaz, PhD, Associate Professor  
Electrical Engineering, College of Engineering

\_\_\_\_\_ research on machine learning in 2022 received three [National Science Foundation](#) (NSF) and two [Department of Defense](#) (DOD) grants, with his share of more than \$1 million, and resulted in seven journal and eight conference papers. As PI, he received a grant from the NSF-NIFA partnership to study soil recovery mechanisms and landslide hazards after wildfires using machine learning in collaboration with forest and environmental engineers from [Oregon State University](#) and [University of Vermont](#). In another NSF grant, Dr. Yilmaz will investigate machine learning-based authentication and security of a novel antenna system. In another new project funded by the U.S. [Army Corps of Engineers](#), his team uses novel algorithms to monitor changes in the permafrost regions in Alaska from drone-based radar and lidar imagery. He also received an SBIR grant from the DOD to develop an anomaly detection platform and an NSF grant to publicize the effects of nitrogen pollution.

Congratulations, faculty, on your extraordinary 2022 achievements!

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## Twenty -Six (26) Awarded in 2022 for Achievements in 2021

Kathy Black, PhD, MPH, MSG, MSW

Professor , School of Aging Studies , College of Behavioral and Community Sciences

[Dr. Black](#) is a renowned expert on healthy aging in [age-friendly community practice](#). Her research informs and inspires professionals across a range of disciplines in the built, social, and service environment. In 2021, Dr. Black received a grant to develop an Equitable Healthy Aging toolkit for the nation

-friendly public health

practice

statewide age-friendly community network in 2021, conduct advisory roles on healthy aging for the Florida Departments of Health and Transportation, and manage the s Disease and Related Disorders Training program through the Florida Department of Elder Affairs.

Patrice M. Buzzanell , PhD

Distinguished University Professor , Communication , College of Arts and Sciences

[Dr. Buzzanell](#) is a world-renowned scholar in Organizational Communication, Resilience, and

sense-making, career theory, feminist workplace policies and practices, design for diversity, equity, and inclusion (DEI), and currently, theories of and scales for resilience in organizational and relational spaces. A scholar, teacher, and mentor, who has won nearly every available award in the discipline, Dr. Buzzanell continues to research and publish at a rate unparalleled by her peers. In 2021, Dr. Buzznell was ranked in the top 2% of scientists world-wide; she was [honored with multiple national and international awards](#) (two from the most recognized ones in the discipline), delivered keynote speeches across the globe, published seven journal articles (in top-tier journals) and two refereed engineering education proceedings, six book chapters, three non-refereed journal articles, and signed a contract for a co-authored book project on ethics.

Stephanie Carey, PhD

Assistant Research Professor , Mechanical Engineering , College of Engineering

Dr. Carey's investigations of prosthetics and orthotics led to journal and conference articles and funding from the Department of Defense, U.S. Army, and Tampa VA in 2021. She also received funding from USSOCOM to develop a monitoring and alert system and will conduct another project to study performance limitations under cognitive load for the military. In collaboration with the Department of Neurology and School of Music, Dr. Carey filed a patent for a device for the treatment of dystonia. Dr. Carey has expanded her research efforts to include the effects of human spaceflight which has led to NASA funding to study [biomechanics](#) and spacesuits, and an international provisional patent for a device to synthesize compounds. Dr. Carey continues her efforts as the research coordinator for the [Center of Assistive, Rehabilitation & Robotics Technologies \(CARRT\)](#) and as a trained operator of the Computer Assisted Rehabilitation Environment (CAREN) system.



Yu Chen, PhD

Associate Professor , Molecular Medicine , Morsani College of Medicine

Dr. Chen focuses on [structure-based inhibitor design](#)

evident in the continued development of the USF [Pandemic Response Research Network](#) (PRRN ) and an associated publication on how universities can address global challenges.

Rasim Guldiken , PhD

Associate Professor , Mechanical Engineering , College of Engineering

In 2021, [Dr. Guldiken](#) served as the PI of a diverse research group focused on Acoustics and Engineering Education Research composed of seven PhD students, including three females and one student from an underrepresented group. Both research areas received external funding in 2021 (one from NSF, one from the U.S. Department of Transportation through industry). Along with his PhD students, Dr. Guldiken was issued two U.S. patents, filed for one U.S. patent, published two journal papers, and was invited to speak about his research on channel Fox 13. One of his PhD students received second place overall in Jabil's Innovation Technology Challenge 2021 for his dissertation project. [Dr. Guldiken's educational resources](#), shared on YouTube and supported by NSF funding, have been viewed more than 165,000 times and were watched for 10,000 hours by over 55,000 unique viewers in 2021.

Elizabeth Burke Hadley , PhD

Assistant Professor , Language, Literacy, Ed.D., Exceptional Education & Physical Education , College of Education

[\\_\\_\\_\\_\\_](#) research focuses on supporting early language and literacy development in children from marginalized backgrounds. Dr. Hadley received two grants from prestigious educational organizations in 2021: a Spencer Foundation Small Grant Award - awarded to less than 10% of applicants - and an American Educational Research Association Seed Grant Award. She published four articles as lead author in high-impact journals, including two publications with a doctoral student co-author. In one article, Hadley and colleagues reported findings from a vocabulary intervention; in another they examined teacher language practices. In a third article, she systematically reviewed studies on early childhood vocabulary instruction, and in a fourth article drew on these findings to communicate principles for choosing vocabulary words. In 2021, Dr. Hadley continued her commitments to community engagements with local non-profits and community partners, including Pinellas County Schools (i.e., Pre-Ks, the Center

Stephen B. Liggett , MD

Distinguished USF Health Professor of Internal Medicine, Molecular Pharmacology & Physiology, and Medical Engineering, Morsani College of Medicine

[Dr. Liggett](#) is a Professor of Internal Medicine, Molecular Pharmacology and Physiology, and Medical Engineering. In 2021, he obtained a new R01 grant from NIH, which explores the molecular basis of biasing G protein coupled receptors (GPCRs), a concept which he has pioneered. The grant has highly molecular and computational methods, and also includes specific studies aimed at novel asthma therapy. He published four papers on GPCRs or their associated proteins, the most impactful being in PNAS which represents landmark findings using molecular and cellular biology with unique, quantum mechanics-based, 3D modeling of the biasing of a receptor complex. A patent application was submitted based on this work in 2021. Other papers such as in the *Journal of Biological Chemistry* and in the *Journal of Physical Chemistry Letters* revealed distinct elements of agonist-receptor interactions using site-directed mutagenesis and innovative computational methods. Collectively his research is relevant to

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Zhuo Lu, PhD

Associate Professor , Electrical Engineering , College of Engineering

[Dr. Lu](#) is an expert in [wireless and network system security](#). He received the NSF CAREER award in 2021 for his research project to create novel data-driven approaches to design efficient and secure wireless networks with an award amount of \$500,000. His research on network design and security in 2021 was also supported by NSF, Department of Defense, and Department of Energy (with funding totaling over \$1 million). Dr. Lu published six full research papers in top academic journals and in conference proceedings, based on identifying new vulnerabilities and creating new defenses for today's computer and wireless network security systems. In addition to academic publications, his research results also produced four reports of vulnerability and abusive behavior to major service providers in the U.S. in 2021.

Dinorah (Dina) Martinez Tyson , PhD, MPH, MA

Associate Professor , Interdisciplinary Science and Practice , College of Public Health

[Dr. Martinez Tyson](#) is noted for her outstanding contributions in cross-cultural perspectives to the study of cancer health disparities. [Her research](#) focuses on identifying the best models and methods for adapting instrumentation and proven interventions to address health disparities across the cancer continuum. She led an exploratory sequential mixed method study, which employed a series of iterative and group consensus-building approaches, to translate and culturally adapt the previously validated CaSUN measure into Spanish, for Latino cancer survivors. In 2021, she was awarded a highly competitive PCORI grant to develop a culturally adapted online couples' communication program for Latina breast cancer patients, and brought together a diverse and highly skilled academic and community-based research team to undertake this challenging project.

Ambe Njoh, PhD

Professor , School of Geosciences , College of Arts and Sciences

[Professor Njoh](#) is an acclaimed authority on international development, urban planning, environmental science and policy with a research focus on Africa. His publications frequently appear on the reading list of international development, urban planning and environmental courses throughout the world. In 2021, he was ranked among the top 2% of the most productive scientific researchers in the world in a Stanford University study. Also, he was an awardee of the

University, Ethiopia. Dr. Njoh's works were cited 390 times in 2021. He was the co-author or



Epidemiologic Research, and was selected as a Fellow of the American College of Epidemiology.

Joshua M. Scacco , PhD

Associate Professor , Communication , College of Arts and Sciences

[Dr. Scacco](#), a political communication scholar, is an expert on U.S. presidential communication and news media. He focuses on how political leaders, journalists, and individuals in a democracy navigate politics and governance due to technological changes in outreach and communication. In 2021, he was lead author of a book titled [The Ubiquitous Presidency: Presidential Communication and Digital Democracy in Tumultuous Times](#), published with Oxford University Press; was selected for the Judith S. Trent Award for Early Career Excellence in Political Communication from the Central States Communication Association; received a national top paper award; published four additional research pieces; worked on funded collaborations with, and delivered lectures in, the local community; and gave 37 international, national, and local news media interviews.

Natalie Scenters -Zapico , MFA

Assistant Professor of Creative Writing , English , College of Arts and Sciences

[Natalie Scenters-Zapico](#) is a nationally renowned [poet](#) who writes about the Mexico-U.S. border, femicide, and undocumented life in the United States. She is the winner of a 2021 Windham-Campbell Award from Yale University, which included a \$165,000 unrestricted grant and participation in a week-long festival featuring her work and that of the other five winners. The Windham-Campbell is an international career award that features the best writers in the English language regardless of genre and selected by an anonymous nominatin



and mental health: Epigenomic Predictors of PTSD and Traumatic Stress in an African American Cohort; The impact of traumatic stress on the methylome: implications for PTSD; and Transgenerational Epigenomics of Trauma and PTSD in Rwanda. In addition, she and her colleagues published four articles in 2021 with two additional manuscripts in press.

Thomas R. Unnasch , PhD  
Distinguished University Professor

## Twenty -Two (22) Awarded in 2021 for Achievements in 2020

[John H. Adams](#), PhD, FAAAS, FASTMH, Distinguished USF Health Professor and Distinguished University Professor, [Center for Global Health Infectious Disease Research \(GHIDR\)](#), USF Genomics Program, College of Public Health

Dr. Adams is an international expert in malaria research. His research focuses on host parasite interactions and improving the understanding of infection and pathogenesis in malaria. His group is actively engaged in vaccine and drug discovery projects. In 2020, he received a National Institutes of Health grant [to accelerate vaccine development for vivax malaria](#), the most prevalent type of malaria outside of the African continent. The project builds upon his culture system for the early infective stages of human malaria parasites.

As the lead investigator on the grant, Dr. Adams brought together an international consortium from six institutions to prepare a vaccine for clinical trial. He also the lead investigator for an NIH 2020 exploratory grant to collaborate with researchers in Thailand to evaluate the pharmacogenomics of an antimalarial drug.

Ryan Carney, PhD, MPH, MBA; Assistant Professor, Integrative Biology, College of Arts and Sciences

Dr. Carney [leads two innovative research programs](#), one in paleontology and one in epidemiology. In 2020, he was PI of a [newly-awarded NSF proposal](#) for more than \$900,000 to fight mosquito-borne diseases worldwide using artificial intelligence. A first- and senior-authored paleobiology publication in [Scientific Reports](#) on the iconic [Archaeopteryx fossil feather](#) received substantial international recognition, including *The New York Times*, and ranked 99<sup>th</sup> percentile in global coverage by Altimetric. A second paper describing [automation of mosquito identification using AI](#), which is crucial to disease-control efforts, has already been cited multiple times. His collaborative research in 2020 resulted in two new invention disclosures with plans for multiple patents. Dr. Carney's dinosaur research was featured in *National Geographic Magazine*, [National Geographic Learning's](#) global curriculum (<https://www.ryancarney.com/ngl>), and three international outreach activities with total viewership of 150,000.

[Hadi Charkgard](#), PhD, Assistant Professor, Industrial Engineering, College of Engineering

Dr. Charkgard is an assistant professor in the [Department of Industrial and Management Systems Engineering](#) and the founder and director of a [multi-objective optimization laboratory](#). Dr. Charkgard published nine journal articles in 2020 in highly-ranked journals in operations research. Additionally, he has six journal articles currently under review which were submitted last year. Dr. Charkgard is the co-PI on a [\\$1 million grant from the U.S. Environmental Protection Agency](#) working to prevent and control harmful algal blooms in Lake Okeechobee by



In 2020, Dr. Charkhgard graduated two PhD students, applied for a U.S. Patent for his methodological invention on radiotherapy treatment planning, and submitted a scientific journal article about his invention to

Dr. Autar Kaw, PhD, Professor, Mechanical Engineering, College of Engineering  
[research areas focuses](#) on the impact of personalized and active learning on improving student achievement and on developing sustainable and quality open education resources. During 2020, he was a PI and Co-PI on three highly competitive National Science Foundation grants. In one of the grant-funded programs, he is leading four universities USF,

Mehran

Christopher Passaglia, PhD, Professor, Medical Engineering, Morsani College of Medicine and College of Engineering

Dr. Passaglia investigates [how the eyes communicate visual information to the brain](#) under normal and diseased conditions and uses the knowledge to engineer new technologies for [monitoring and treating ocular disorders](#). In 2020, he published five papers in top journals such as *Scientific Reports* and *Journal of Physiology* that were highlighted by vision experts, broadcast on local, regional, and national media outlets, and featured on the [National Eye Institute website](#). Additionally, Dr. Passaglia was awarded two NIH R01 grants in 2020 totaling approximately \$2 million, one as co-investigator examining the effectiveness of assorted drug cocktails at promoting optic nerve regeneration and the other as a PI examining pressure fluctuations in normal and glaucomatous eyes and their effect on optic nerve health and function. He was issued [two U.S. patents](#) in 2020 based on devices that his lab created for measuring and controlling pressure within the eye or other organs.

Manh-Huong Phan, PhD, Professor and Research Faculty, Director of Advanced Materials and Sensors Laboratory, Physics, College of Arts and Sciences

In 2020, [Dr. Phan](#) published 23 peer-reviewed ISI papers in top-ranked journals, including *Advanced Materials*, *Advanced Science*, and *Materials Horizons*, highlighting the new discoveries of atomically thin quantum magnetic materials and the Giant Spin Seebeck Effect that will potentially revolutionize quantum information technology and Internet of Things. During 2020, he was one of the most highly cited researchers in his field, with more than 1,600 citations, and was featured in the list of the [World's Top 2 Percent Scientists](#). As the managing editor, Dr. Phan successfully led the *Journal of Science-Advanced Materials and Devices* to achieve its first high impact factor of 3.8 in 2020. He has secured a continuing Department of Energy grant of \$563,247 to exploit novel nanomaterials for spintronics. In 2020, he was selected for an Honorary Doctorate Degree Award by Vietnam National University - Hanoi.

Brad Seibel, PhD, Professor, Comparative Environmental Physiology (CEPh), College of Marine Science, St. Petersburg Campus

In 2020, [Dr. Seibel](#) investigated the response of marine animals to ocean warming and deoxygenation. He published a [novel quantitative relationship between the oxygen and temperature sensitivities](#) of marine animals that had gone unrecognized, despite nearly a century of study. He used this relationship determine whether a habitat is metabolically available and how it will shift with changing climate. It precisely measures the decrement in metabolism and the scope available for growth and reproduction with declining oxygen and





Nineteen (19) Awarded in 2020 for Achievements in 2019

Tammy Allen, PhD, Distinguished University Professor  
Psychology, College of Arts and Sciences

Dr. Allen is an international leader in the study of the intersection between work and family, employee career development, and occupational health. In recognition of her achievements, in 2019 she was awarded an honorary doctorate from the University of Neuchâtel. She was awarded visiting Fellowships at the University of Canterbury (Erskine Fellow), the University of New South Wales, and the University of Coimbra (Erasmus Mundus). During 2019, she published and had accepted 10 peer-reviewed journal articles, including two in the prestigious *Journal of Applied Psychology*. Her work was cited 3,462 times in 2019 alone. An article of Dr. Allen was selected as a top three publication in *Personnel Psychology*. Dr. Allen was also the co-PI on a newly awarded National Science Foundation research grant to examine boundary management and career wellbeing. Additionally, she completed a two-year term in 2019 as the President of the Society for Occupational Health Psychology.

Michelle Arnold, PhD, AuD, Assistant Professor, Communication Sciences and Disorders, College of Behavioral and Community Sciences, Sarasota, FL 34242-1399  
Phone: 941.923.0000 x 2127 | Email: michelle.arnold@usf.edu



Jean-François Biasse, PhD, Associate Professor  
Mathematics and Statistics, College of Arts and Sciences

ork spans across number theory, quantum information science, and computer security. In particular, his research applies to the design of cryptographic schemes that will resist attacks from powerful quantum computers in the future. In 2019, Dr. Biasse received the NSF CAREER award in the amount of \$450,000. Additionally, Dr. Biasse secured in 2019 another \$16,000 from NSF and a \$75,000 grant from CyberFlorida. In 2019, Dr. Biasse had four papers accepted/published in top tier venues, and engaged in very ambitious transdisciplinary collaborations with the Colleges of Engineering, Arts, and Education. In 2019, Dr. Biasse was invited to join the editorial board of the International Journal of Computer Mathematics: Computer Systems Theory. He was invited to serve in the committee of the MathCrypt 2019 conference. Dr. Biasse also participated in exclusive invitational workshops at the American Institute for Mathematics, and at Dagstuhl Schloss.

Jianfeng Cai, PhD, USF Preeminent Professor, Chemistry, College of Arts and Sciences

biological applications. In the calendar year of 2019, in addition to the ongoing two NSF grants (NSF career (fifth year) and a standard NSF (second year) and two NIH RO1 grants (one is in the fourth year and the other is in its third year), Dr. Cai received a new five-year NIH R01 award as the PI, with a total of \$1,868,750 to develop Novel polymer biomaterials combating C. difficile infection. Additionally, in 2019, Dr. Cai published 21 high-profile peer-reviewed papers including prestigious PNAS (IF: 9.41), J. Am. Chem. Soc. (IF: 14.61), Angew. Chem. Int. Ed. (IF: 12.96), Cell. Chem. Biol. (IF: 7.74) and others, and filed two patent applications. His PNAS work was also highlighted by F1000 Prime.

Marleah Dean Kruzal, PhD, Associate Professor  
Communication, College of Arts and Sciences

Dr. Dean Kruzal (PhD, Texas A&M University) is an Associate Professor at USF and a Collaborator Member in the Health Outcomes & Behavior Program at the Moffitt Cancer Center. Her research program covers communication across the cancer care continuum, yet she specializes in previvors individuals who have tested positive for a genetic variant greatly increasing their lifetime risk for hereditary cancer but who have not been diagnosed with cancer. Informed by a problem-centered approach, she seeks to identify communication challenges in stages of the cancer care continuum to ultimately improve health outcomes and

on podcasts and media outlets, including her own previvor sto

Associate Professor with tenure and was awarded: a Top Paper in the Health Communication Division from the International Communication Association (ICA); a CDC grant (co-PI) for \$1,800,000; and an Institutional Research Grant from Moffitt Cancer Center via the American Cancer Society (PI) for \$30,000. Additionally, Dr. Dean Kruzal published six peer-reviewed journal articles, plus one that has subsequently been accepted for publication, and one book chapter plus two others that hutcuDate /F3 1212 7n 0 G(n)-3(,3(e)6li)4(ca)-3(tioh00110-3(,3(e)6li))13(s t)-3





Helena Szépe, PhD, Professor ,

Robert H. Tykot, PhD, Professor, Anthropology, College of Arts and Sciences

Dr. Tykot published 13 peer-reviewed articles, one technical report, and eight abstracts. The publication on Lipari obsidian presents results from a National Science Foundation grant for in-depth geological survey, collection of hundreds of samples, and multi-method chemical analysis, which distinguished for the first time, five distinct subgroups. Obsidian was used for stone tools found as far as France, Croatia, and Albania, representing the maritime capabilities of early agriculturalists 8,000 years ago. This allows comparisons over time and space of the usage of different source localities and socioeconomic interpretations regarding territorial control, scale of production, and exportation. Studies of obsidian artifacts, copper-based metals, ceramics, marble, and human diet are in 12 other articles. Tykot received grants in 2019 from the National Science Foundation, National Geographic Society, Rust Family Foundation, and the Wenner-Gren Foundation. He is Editor-in-Chief of *Science and Technology of Archaeological Research* and on the editorial board for nine other international journals.

Hsiao-Lan Wang, PhD, RN, CMSRN, ACSM ERonM ERO so D, RN, CMSRN, ACSM ERonM ERO soD, F

## Twelve (12) Awarded in 2019 for Achievements in 2018

Jennifer Collins, PhD, Professor , Geosciences, College of Arts and Sciences

Dr. Collins is a Professor in the School of Geosciences whose research focuses on weather and climate, in particular hurricanes. Dr. Collins is the President of the West Central Florida Chapter of the [American Meteorological Society](#) (AMS) and a National Council for the American Association of Geographers (AAG). Dr. Collins recently received the Southeast Division of the AAG Research Award and the AMS Edward N. Lorenz Teaching Excellence Award, in which her research contributions were highlighted in the award dedication: *For her dedication integrating the physical and social sciences in her teaching, engagement of students, and*  
In 2018, Dr.

Collins served as editor for the book *Hurricane Risk* published by Springer, and eight articles and book chapters in top-tier journals. Her published research included work on the extremely active 2017 hurricane season; evacuee perception of geophysical hazards; the effects of social connections on evacuation decision making; and hurricane preparedness among university residential assistants and staff. In addition, she was awarded two National Science Foundation grants in 2018 and one Florida Sea Grant.

Jerri Edwards, PhD, Professor , Psychiatry and Behavioral Neurosciences,  
Morsani College of Medicine

Dr. Edwards is an internationally regarded expert in cognitive interventions to promote older  
al Institutes of Health federal  
research funding totaled \$4.6 million, resulting in her ranking as the 8<sup>th</sup> top funded investigator in

Kathryn Hyer, PhD, MPP, Professor , School of Aging Studies,  
College of Behavioral and Community Sciences  
Dr. Hyer is an international expert on evaluating quality across long-term care settings.





(School Psychology) of the American Psychological Association, which recognizes an early career scholar who has made distinguished contributions to the field of school psychology. In 2018, he had 11 manuscripts published and six in press in top-tier peer-reviewed journals, including the top three in his field: *Journal of School Psychology*, *School Psychology Quarterly*, and *School Psychology Review*. He has supported his research through securing highly competitive awards from federal agencies. In 2018, he received several federal grants totaling more than \$3.5 million from the Substance Abuse and Mental Health Service Agency (SAMHSA) and the National Institute for Justice (NIJ).

H. Lee Woodcock, PhD, Associate Professor, Chemistry, College of Arts and Sciences

to solve critical problems at the interface of biophysics, medicine, and/or material science. In 2018, Dr. Woodcock co-lead one of the most high-profile scientific efforts of the year (#88 in *PNAS*). This work, published in *PNAS*, focused on elucidating, characterizing, and engineering a novel enzyme that biodegrades one of the most common plastics in use today - a major factor in the global plastic pollution problem. In addition to ongoing National Science Foundation and U.S. Department of Energy Small Business Innovation Research grants, Dr. Woodcock received a new four-year NIH R01 award of nearly \$1.2 million to develop robust methods for simulating biomolecular dynamics. In 2018, he was part of a team awarded a patent for developing novel techniques and materials for chelating heavy metals.

Congratulations, faculty, on your extraordinary 2018 achievements!

#### Fourteen (14) Awarded in 2018 for Achievements in 2017

Elizabeth Aranda, PhD, Professor and Associate Dean, Sociology and Office of Communication, Community and Global Engagement, College of Arts and Sciences. Dr. Elizabeth Aranda is Professor of Sociology and Associate Dean for Communication, Community, and Global Engagement for the College of Arts and Sciences. She researches U.S. Latino and immigrant populations, focusing on Puerto Rican migration and the well-being of undocumented immigrants. In 2017, eight articles were accepted/published including peer reviewed articles and book reviews in the *American Journal of Sociology* and *Social Problems* among others; book chapters; and research-based op-eds in prestigious publication outlets, such as *The Conversation* (reprinted in national and international media outlets), and a piece in *cnn.com* that was referenced in *The New York Times* opinion page. A public intellectual, her expertise was quoted in the *Washington Post*, *CNN*, and *VOX*, among others. She was awarded a National Science Foundation Grant of \$330,000 (with Co-PIs Castaneda and Vaquera) to study the immigrant population in Tampa Bay. Aranda was elected Chair of the Latino/a Sociology section of the American Sociological Association.

materials and to develop modifications of their properties by interfacing them with dissimilar materials with atomic precision. Related to this topic, Batzill published groundbreaking work in 2017 in the journals of *Nature Communications* and *Nature Chemistry*, and his pioneering work on magnetism in 2D materials was accepted for publication in *Nature Nanotechnology* in December 2017. Also in 2017, he delivered invited talks at the International Symposium of the American Vacuum Society (Tampa) and at the International Conference on Thin Films (New Delhi, India).

Paula C. Bickford, PhD, Distinguished Professor, Neurosurgery and Brain Repair, Center of Excellence for Aging and Brain Repair, Morsani College of Medicine, and Senior Research Career Scientist, James A. Haley VA Hospital

innate immune system and has made significant contributions to the understanding of how changes in cellular function impact cognition and resilience to neurodegenerative diseases and brain injuries with age. In 2017, she received one new R01 multi-PI grant for *Controlling Tau toxicity from inside and outside of neurons*, and worked on eight other continuing grants from NIA, NIH, and VA. She was among the first to systematically analyze the role of CX3CL1 with targeted gene therapy for various naturally occurring forms of CX3CL1. She has also demonstrated the importance of foods that counteract innate immune changes with aging, and investigated mechanisms for these effects at the cellular level. Her research revealed it may be possible to develop therapeutics that target stem cell aging to increase lifespan or health span. Additionally in 2017, Bickford was lead on a patent, *Compositions and methods of improving cognitive performance*, and contributor on another patent, *Method of treating neurological disorders using long non-coding RNAs*. She was appointed as a fellow in the American Institute for Medical and Biomedical Engineers (AIMBE) in 2017, and served as a member of NIA-N study section as a permanent member, CMAD study section ad hoc reviewer and reviewer for VA Merit Board NURE. Bickford was also lead author on one publication in 2017, and contributing author on four others.

Jennifer Bugos, PhD, Associate Professor, School of Music, College of The Arts  
Dr. Jennifer A. Bugos serves as an Associate Professor of Music Education at the University of South Florida. Her research interests include the neurological basis for music perception and cognition with regard to human development, lifespan learning, and cognitive transfer. Bugos teaches graduate and undergraduate coursework in General Music Methods, Music Cognition, and Doctoral Research Seminar. She actively mentors interdisciplinary research students from across the campus in the Music Research and Testing Lab (MRTL). Her research has been externally funded by the McKnight Brain Research Foundation, Retirement Research Foundation, National Institutes of Health, National Endowment for the Arts, GRAMMY Foundation, and the American Orff Schulwerk Association. Bugos is currently working on a project to evaluate the impact of music training on central auditory processing and cognition in healthy adults and those with mild cognitive impairment, a project funded by NIH - National Institute on Aging.

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

in addition to the ongoing NSF Career (fourth year) and NIH RO1 (third year) grants, Cai, as the PI, received a new five-year NIH R01 award with the total of \$1,799,703 to develop novel

new three-year NSF grant with the total of \$390,000 to develop novel polymer-based antimicrobial agents. The total new funding he received in 2017 is nearly \$2.2 million. In 2017,

Cai also published 14 high-profile peer-reviewed papers and filed three patent applications. Additionally, he was recognized as the Outstanding Reviewer in 2017 by the *Journal of Medicinal Chemistry*.

Michelle Hughe

Infectious Disease Fellow Award from American Society of Microbiology in 2017 for work in

David e Tanasi, PhD, Assistant Professor, History, College of Arts and Sciences

Dr. Davide Tanasi is an expert in the application of chemical techniques and digital tools for the study, characterization and interpretation of archaeological artifacts, sites and landscapes of the Mediterranean region. In 2017 he received \$30,000 from two funding bodies to publish a prehistoric site in Malta and to use 3D technology to document a late Roman site in Sicily. He supervised an international team of scholars which identified the chemical signature of the oldest red wine ever found in Europe. The news of the discovery, published in *Microchemical Journal*, went viral and currently has strong visibility in the media. Tanasi also filed a provisional patent as co-inventor for the implementation of a pattern recognition algorithm for automatic color classification (ARCA).

Robert H. Tykot, Ph.D., Professor, Anthropology , College of Arts and Sciences

Dr. Robert H. Tykot is a Professor in the Department of Anthropology. In 2017, he formally published 15 articles and 12 abstracts, with conference presentations in Canada, Italy, Netherlands, and Argentina. Additionally, he published three technical and two newsletter reports. One sole-authored article, in *Open Archaeology*, is on obsidian analyses and trade in

two-thirds of all done in the past 50 years. Another sole-authored article, in *Materials Research Society Advances*, demonstrates the advanced use of nondestructive X-ray fluorescence spectrometers. The other publications are on the isotope or elemental analyses of 2,500 bone, tooth, ceramic, metal and other artifacts in his laboratory for archaeological science. Tykot also served in 2017 as editor-in-chief of the international journal *Science & Technology for Archaeological Research*, on the editorial board for eight other international journals, and as president of the International Association for Obsidian Studies.

Jing Wang, PhD, Professor, Electrical Engineering, College of Engineering

Dr. Jing Wang has published seven journal papers in 2017, with a highest impact factor of 9.237, among which he acted as the lead author for five by co-authoring with his students or visiting scholar including a paper in *Scientific Reports-Nature*. Also in 2017, he was awarded over \$900,000 in research awards as principal investigator and more than \$400,000 as co-principal investigator. Wang received three competitive peer-reviewed national research awards (two NSF and one USAF SBIR grants) totaling \$830,000. Due to the recognition of his work (publications and patents), Wang received 3 R&D contracts and matching grants by the Florida High Tech Corridor Council in 2017, totaling \$543,000, for which five of his patents were included in licensing option agreements. Particularly, the success of the 2017 Phase I contract with II-VI, has not only secure056000380-2(l,-)3( )8(h)-3(a)-3(s )8(n)-3(o)-3(t)8( o)-5(n)-3(ly )10(se)-3(cu)-3

work with residents of the University Area Community near USF to identify and clean up polluted

David Arbesú, PhD , Associate Professor, Spanish , World Languages, College of Arts and Sciences

His research focuses on Medieval and Golden Age Spain, and Transatlantic Florida Studies. He holds a B.A. and M.A. in English Philology from the University of Oviedo, and an M.A. and Ph.D. in Spanish from the University of Massachusetts Amherst. In addition to having published numerous articles in his field, in 2016 he published two books: a study and edition of *Pedro Menéndez de Avilés and the Conquest of Florida* with the University Press of Florida, and a volume on the *Complete Works of Juan Pérez de Montalbán*, with Reichenberger (Germany). In 2016, he was also appointed a member of the editorial team working on publishing *Lope de*

Arthur Bochner, PhD , Distinguished University Professor , Communication, College of Arts and Sciences

Dr. Bochner received the *Lifetime Achievement Award* at the International Congress for Qualitative Inquiry (ICQI) at the University of Illinois, the highest and most prestigious honor given by the ICQI. In addition, Bochner received the *Samuel L. Becker Distinguished Service Award* from the National Communication Association, an honor bestowed annually on one scholar, from a membership of more than 7,000, judged to have made the greatest contribution to the discipline of communication during her/his career. The *Evocative Autoethnography* (2016) for Routledge, inspired two special convention sessions at national and international meetings that focused on his innovative methodological work on narrative inquiry and autoethnography for which he has been recognized around the world. In 2016, Professor Bochner published one article and one book chapter, supervised two Ph.D. dissertation projects, put four new articles into press, keynoted one conference, and gave three papers at national/international meetings.

Daniel Bradley, PhD, CFA , Professor, Lykes Chair in Finance and Sustainability , Finance, Muma College of Business

Dr. Bradley is the 2016-2017 President of the Eastern Finance Association and an Associate Editor of the *Journal of Financial Research*. In 2016, he won a prestigious Fulbright award in Portugal. He co-authored six papers, which were either published or publication is forthcoming, in high quality journals in finance or its closely related fields, including three in the most prestigious journals in the discipline: *Journal of Finance*, *Journal of Financial Economics*, and *Management Science*. Bradley also has a paper forthcoming in a prestigious accounting journal: *Journal of Accounting and Economics*. His research examines issues of the influence of politics in state pension funds, the effect of labor union on innovation, and the role of experience and expertise on the performance of financial analysts.

David A. Eddins, PhD, CCC -A, Professor, Communication Sciences and Disorders and Chemical and Biomedical Engineering , Director, Auditory & Speech Sciences Laboratory , Colleges of Behavioral and Community Sciences and Engineering

Dr. Eddins is an expert in hearing and communication. His research focuses on the development and evaluation of new hearing enhancement technologies including hearing aids and assistive technology; understanding age-related hearing loss and neural plasticity; development of novel diagnostic methods; and measurement and modeling of dysphonic voice quality. Eddins began 2016 with five funded research projects (spanning each of these focal areas). During 2016, he submitted eight new research grant proposals seven to the National Institutes of Health (NIH) and one to industry. He received four new research grants in 2016: three grants from NIH and one from the Department of Defense, and two of these grants were in the Small Business Innovation Research (SBIR) program. In addition, Eddins published three

journal articles, ten conference presentations, and served as the President of the Florida Chapter of the Acoustical Society of America.

Jay Hopley, PhD , Professor, English , College of Arts and Sciences

In 2016, Dr. Hopley published his second collection of poetry, *The Abridged History of Rainfall*  
*The*

*Abridged History of Rainfall* was named by the National Book Foundation as a Finalist for the 2016 National Book Award in Poetry, the most prestigious literary award in the United States. *The Abridged History of Rainfall* was also awarded the 2016 Gold Medal in Poetry by the Florida Book Awards. Additionally, Hopley also published a chapbook of German translations in 2016, *The Museum of Small Dark Things: 25 Poems by Georg Trakl* (Poetry International), as well as 40 individual works in internationally renowned magazines, journals, and anthologies. Hopley holds readings of his work across the country and has been interviewed on television, radio, and in print.

Adriana Iamnitchi, PhD , Professor, Computer Science and Engineering ,  
College of Engineering

Dr. Iamnitchi's research is at the confluence of computer science and sociology, with emphasis on understanding behavior in online networked systems. In 2016, she received a \$660,000

-authored publication was featured on the cover page and in the highlights of *Thorax*, a leading respiratory medicine journal.

Selçuk Köse, PhD , Assistant Professor, Electrical Engineering , College of Engineering

one book, wrote twelve articles that were published or accepted in premier international journals and conferences, and received the prestigious International Cisco Research Award; his research team was supported by another prestigious award, the National Science Foundation (NSF) CAREER award, by Cisco Systems, by Florida Center for Cybersecurity, and by a Florida High Tech Corridor Council matching grant; he submitted a proposal to NSF/Semiconductor Research Corporation (SRC) that has recently been accepted; and Köse and his research team were awarded one patent for the invention of a technique to increase the security of computing systems against hardware attacks.

Stephen B. Liggett, MD , Vice Dean for Research, Associate Vice President for Research, USF Health and Professor, Internal Medicine, and Molecular Pharmacology and Physiology , Morsani College of Medicine

Dr. Liggett studies the molecular biology, physiology, and genetics of receptor signaling. These are applicable to heart failure and asthma/COPD. In 2016, he competitively renewed a National Institutes of Health (NIH) R01 grant, entitled *Molecular Properties of B-adrenergic Receptors in Asthma*, worth \$1,121,250. He also published five research papers, defining novel pathways in airway smooth muscle which explain the physiology of asthma and point towards new therapeutic agents for treatment. These publications included novel technologies that he developed for studying the mechanics of single smooth muscle cells derived from human lungs. Cited more than 24,000 times and his h-index is 81.

Yao Liu, PhD , Assistant Professor, Computer Science and Engineering , College of Engineering

prestigious National Science Foundation (NSF) CAREER award, totaling \$499,950. This project has the potential to substantially improve the security of existing wireless user authentication approaches, and accordingly impacts wireless security research due to the wide adoption of these approaches in the design of wireless systems. Liu was also awarded the 2016 College of Engineering Outstanding Junior Research Achievement Award. In 2016, she had papers accepted by prestigious publication venues in the field of computer network and security, including *Institute of Electrical and Electronics Engineers (IEEE) Transactions on Mobile Computing*, *IEEE Transactions on Information Forensics and Security*, *IEEE Transactions on Dependable and Secure Computing*, *IEEE Journal on Selected Areas in Communications*, and *Association for Computing Machinery (ACM) Conference on Computer and Communications Security*.

Manh-Huong Phan, PhD , Associate Professor and Research Faculty, Physics , College of Arts and Sciences

In 2016, Dr. Phan published one textbook, one book chapter, 29 peer-reviewed journal articles, and filed one US patent of a new sensor technology for important applications in industry, army, and biomedical engineering. During 2016, he was cited 867 times, delivered four plenary/invited talks at major national and international conferences, and was also an author on 26 conference presentations. Phan serves as Managing Editor for the *Journal of Science: Advanced Materials and Devices* (Elsevier) and Associate Editor for the *Journal of Electronic Materials* (Springer), with two outstanding referee awards received from *Physica Status Solidi A* and *Journal of Alloys*





transportation, computer science, indus  
research on these and related issues resulted in 16 publications in international sustainability  
science journals, including *Environmental Science and Technology* and *Water Research*, high  
profile journals in the field of civil and environmental engineering.

Congratulations, faculty, on your extraordinary 2016 achievements!

Ten (10) Awarded in 2016 for Achievements in 2015

Kathy Black, PhD, Professor , Aging Studies and Social Work, College of Liberal Arts &  
Social Sciences, Sarasota -Manatee Campus

In 2015, Dr. Kathy Black began leading Age-Friendly Sarasota -  
friendly community, with support from The Patterson Foundation, and in partnership with the  
World Health Organization, AARP Florida, the Florida Department of Elder Affairs, Sarasota  
County Government, the USF Florida Policy Exchange Center on Aging, as well as her home  
institution at the Sarasota-Manatee campus. In 2015, she made more than 50 television, radio,  
newspaper, and magazine appearances to share her work. A highly sought-after speaker, Black  
has also bee55t, tidward/F2 1(a)-10wp] TJuen

David E. Kang, PhD, Associate Professor , Molecular Medicine, Morsani College of

and related neurodegenerative disorders. In 2015, Kang and his research team discovered how neurotoxic signals from amyloid are transmitted from the neuronal surface to induce damage to the cytoskeleton, mitochondria, and synapses in brain. These findings were recently published in *Nature*





topological graph theory to describe recombinant DNA processes and molecular computation.

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

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





Anne Latowsky



entitled, Novel Drug Delivery systems by tablet technology: Repositioning the FDA approved drug pipeline, which allows U



Steven A. Murawski, Ph.D., Populati



Congratulations, faculty, on your extraordinary 2010-2011 achievements!











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

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Abraham Kandel, Ph.D., Distinguished Professor, Computer Science and Engineering,  
College of Engineering  
For his work