Tucker Balch

Professor and Associate Chair

Department: School of Interactive Computing
Office: CCB 317
Phone: 678.523.8685
Email: tucker@cc.gatech.edu
Web: http://www.cc.gatech.edu/people/tucker-balch

Biography

Tucker Balch is the Associate Chair for Graduate Studies and a professor in the School of Interactive Computing at Georgia Tech. He is interested in research problems concerning multi agent social behavior. This interest has led to research in a wide range of topics from financial markets to tracking and modeling the behavior of ants, honeybees, and monkeys. He teaches courses in Robotics, Machine Learning, and Finance. In addition to his teaching on campus, more than 170,000 students have taken his courses online via Coursera and Udacity. He is Chief Scientist and co-founder of Lucena Research, an investment software firm that applies Machine Learning and Big Data approaches to investment problems.

Wendy Kelly

Associate Professor

Department: School of Chemistry and Biochemistry
Office: IBB 3306
Phone: 404.385.1154
Email: wendy.kelly@chemistry.gatech.edu
Web: http://www.chemistry.gatech.edu/faculty/Kelly/

Biography

Wendy Kelly is an Associate Professor in the School of Chemistry and Biochemistry at Georgia Tech. She earned her B.S. in Pharmacy at Oregon State University in 1996, an M.S. in Pharmaceutical Sciences at the University of Wisconsin-Madison in 1998, and a Ph.D. in Chemistry at the Johns Hopkins University in 2004. Before joining the faculty at Georgia Tech in 2006, she was a National Institutes of Health Postdoctoral Fellow at Harvard Medical School.

Dr. Kelly's research is focused on the biosynthesis and biosynthetic engineering of medicinal natural products – naturally occurring compounds produced by bacteria that have the potential to be utilized in human medicine. Through her research, she seeks to understand the assembly of central molecular scaffolds appearing in families of metabolites that vary in their biological activity according to unique peripheral modifications. This information can ultimately be applied to direct the biosynthesis of designer metabolites possessing antimicrobial or anticancer properties. Dr. Kelly has been recognized with a Hesburgh Award Teaching Fellowship (Georgia Tech), a Defense Advanced Research Projects Agency (DARPA) Young Faculty Award, and the Camille and Henry Dreyfus New Faculty Award, and she has served as a Counselor for the American Chemical Society Division of Biological Chemistry.

Carol Paty

Associate Professor

Department: School of Earth and Atmospheric Sciences
Office: ES&T 2252
Phone: 404.894.2860
Email: Carol.paty@eas.gatech.edu
Web: http://www.eas.gatech.edu/people/Carol_Paty

Biography

Carol Paty received her B.A. in Physics with Honors and in Astronomy from Bryn Mawr College and her Ph.D. in Earth and Space Sciences from the University of Washington in 2006. She was a postdoctoral fellow at Southwest Research Institute for two years working on NASA's Cassini mission before joining the faculty in the School of Earth and Atmospheric Sciences at Georgia Tech where she has helped build a nationally recognized program in Planetary and Space Sciences.

Her research is focused on understanding planetary magnetospheric dynamics and moon-magnetosphere interactions using a combination of computational simulations and data collected by space based instruments on the Cassini and Galileo spacecrafts and the and Hubble Space Telescope. She applies plasma dynamic simulations to icy moons and outer planet magnetospheres, and implemented plasma-neutral interactions in global simulations. Dr. Paty was a participating scientist on the Cassini mission to Saturn, and is currently a co-investigator on the Plasma Environment Package for the European mission to Ganymede (JUICE). She is also a co-investigator on both the Plasma Instrument for Magnetic Sounding (PIMS) and the Radar for Europa Assessment and Sounding: Ocean to Near-surface (REASON) instruments for NASA's Europa Clipper mission.

Benjamin Flowers

Professor

Department: School of Architecture
Office: COB 4267
Phone: 404.385.7294
Email: benjamin.flowers@gatech.edu
Web: https://arch.gatech.edu/people/benjamin-flowers

Biography

Benjamin Flowers joined the faculty of architecture in 2005. His work examines architecture as a form of social activity situated within the intersecting spheres of politics, culture, and economy. Looking in particular at skyscrapers and stadiums, he focuses on the ways these structures are constructed, the ends to which they are used, and the nature of public reaction to them. His research has attracted recognition and funding from Columbia University's Buell Center for Architecture, Cornell University's John Nolen Fellowship, the Society of Architectural Historians, and the Hagley Museum and Library. He is currently completing a second book on stadia, Beautiful Moves: Designing Stadia (LundHumphries, forthcoming). His most recent book is a global survey of the stadium, Sport and Architecture (Routledge, 2017). His second book, Architecture in an Age of Uncertainty (Ashgate Press, 2014), examined the political economy of architecture during the recent great recession. His first book, Skyscraper: The Politics and Power of Building New York City in the Twentieth Century (University of Pennsylvania Press, 2009), was named a 2010 Outstanding Academic Title in Architecture by Choice Magazine. He is the director of Stadia Lab.

Flowers was awarded the Dean William L. Fash Award for Teaching Excellence from the School of Architecture in 2017 and was the College of Architecture's 2012 Georgia Power Professor of Excellence. In 2008 Flowers was awarded the Outstanding Teacher Award from the College of Architecture. Flowers received his Ph.D. from the University of Minnesota and his B.A. from Wesleyan University in Middletown, CT. He grew up in Costa Rica, Honduras, Guatemala, Bulgaria, Romania, and Washington, DC.

Lewis Wheaton

Associate Professor

Department: School of Applied Physiology
Office: 555 14th St Rm 1309E
Phone: 404.385.2339
Email: lewis.wheaton@ap.gatech.edu
Web: http://biosci.gatech.edu/people/lewis-wheaton

Biography

In 2008, Dr. Lewis A. Wheaton joined the School of Applied Physiology at Georgia Tech as an Assistant Professor. He became tenured in 2014 and is currently an Associate Professor in Biological Sciences. He is the Director of the Cognitive Motor Control Laboratory at Georgia Tech, engaged in research focused on understanding aspects of human motor control rehabilitation for the upper limb following stroke and amputation, with over 50 peer-reviewed research articles in the field. He has been continually active in developing curriculum through involvement in Neuroscience at Georgia Tech. He is also a member off the State Rehabilitation Council, appointed by Governor Nathan Deal.

Dr. Wheaton received his PhD in Neuroscience and Cognitive Sciences from the University of Maryland, College Park in 2005. He was a fellow at the National Institutes of Health (Medical Neurology Branch, 2001-2005) studying neural function and recovery of motor control after stroke. In mid-2005 he was awarded a post-doctoral fellowship at the Baltimore Veterans Affairs Medical Center (Maryland) where he performed neuroscience research in aging and stroke motor control in Veterans.

Juan Carlos Rodriguez

Associate Professor

Department: School of Modern Languages
Office: Swann 313
Phone: 404.385.7251
Email: juan.rodriguez@modlangs.gatech.edu
Web: http://www.iac.gatech.edu/people/faculty/rodriguez

Biography

Dr. Rodríguez is Associate Professor of Spanish at Georgia Tech and co-editor of the collection of essays *New Documentaries in Latin America* (Palgrave, 2014). He is also co-editing a book series, *Reframing Media, Technology, and Culture in Latin/o America*, for the University Press of Florida.

Professor Rodríguez is a Latin American film scholar whose research focuses on the representation of Latin American cities in documentary. He studies how Latin American documentaries represent contemporary urban issues such as housing problems, transportation dynamics, water resources, economic development, and social movements. For Rodríguez, documentary is an audiovisual discourse that opens the possibility to examine urban imaginaries, which in turn reveal the ways city dwellers perceive, experience, and transform their cities. Many documentaries offer ways of imagining the city that either overlap with or challenge some of the "mental mappings " and "interpretive grids" developed by dwellers, visitors, and tourists when exploring different urban realities. Viewers can infer and reconstruct an imaginary map of the city each time a documentary gives shape to the navigation of the physical city and to the routes, itineraries, and actions of city dwellers. In his publications, Rodríguez explores documentaries as moving maps and embodied cartographies of contemporary urban issues.

He completed his doctorate at Duke University's Literature Program, where he also earned a certificate in Latin American Studies. His research areas include documentary studies, sustainability, critical theory, urban studies, and digital humanities. His articles have appeared in *The Journal of Latin American Cultural Studies*, *Latin American Perspectives*, *Revista Iberoamericana*, *Revista Pensamiento de los Confines*, *Debats*, *Journal of Sport History*, and *La Habana Elegante*. He has published chapters in various books, including *Miradas al margen: Cine y subalternidad en América Latina y el Caribe*, ed. Luis Duno-Gottberg (Caracas: Fundación Cinemateca Nacional, 2009); *Poéticas de José María Lima: Tradición y sorpresa,* ed. Áurea María Sotomayor (Pittsburgh: Instituto Internacional de Literatura Latinoamericana, 2012); *Redes hipertextuales en el aula: Claves y conceptos*, ed. José Manuel de Amo, Osvaldo Cleger and Antonio Mendoza (Barcelona: Editorial Octaedro, 2015); and *Sports and Nationalism in Latin America*, ed. Héctor Fernández L'Hoeste, Robert Irwin, and Juan Poblete (forthcoming in Palgrave). He has taught courses on Latin American cities, Spanish Service Learning, Globalization in Latin America, Latin American documentaries, Science Fiction from Latin America and Latin American music. At the School of Modern Languages, Dr. Rodríguez has participated in the organization of various events, including the symposium on Latin American Media Studies in the Age of Digital Humanities.

Raheem Beyah

Associate Chair, Associate Chair for Strategic Initiative and Innovation, and Motorola Foundation Professor

Department: School of Electrical and Computer Engineering

Office: Klaus 2308

Phone: 404.894.0035

Email: rbeyah@ece.gatech.edu

Web: https://www.ece.gatech.edu/faculty-staff-directory/abdul-r-beyah

Biography

Raheem Beyah, a native of Atlanta, Ga., is the Motorola Foundation Professor and Associate Chair for Strategic Initiatives and Innovation in the School of Electrical and Computer Engineering at Georgia Techwhere he leads the Communications Assurance and Performance Group (CAP) and is a member of the Institute for Information Security & Privacy (IISP). He received his Bachelor of Science in Electrical Engineering from North Carolina A&T State University in 1998. He received his Masters and Ph.D. in Electrical and Computer Engineering from Georgia Tech in 1999 and 2003, respectively. Dr. Beyah has served as a Guest Editor for MONET and the IEEE Network Magazine. He has also served as an Associate Editor for several journals in his fields of interest. His research interests include network security, cyber-physical systems security, network traffic characterization and performance, and critical infrastructure security. He received the National Science Foundation CAREER award in 2009 and was selected for DARPA's Computer Science Study Panel in 2010. He is a member of AAAS, ASEE, a lifetime member of NSBE, a senior member of IEEE, and an ACM Distinguished Scientist. Dr. Beyah is a member of the Metropolitan Atlanta Rapid Transit Authority (MARTA) Cyber Security Advisory Council and serves on the Global Advisory Board of the Control System Cyber Security Association International (CS)^2AI.

Jonathan Clarke

Associate Dean of Undergraduate Programs and Associate Professor

Department: Scheller College of Business
Office: COB 4425
Phone: 404.894.4929
Email: jonathan.clarke@scheller.gatech.edu
Web: https://www.scheller.gatech.edu/directory/faculty/clarke/index.html

Biography

Jonathan Clarke is the Associate Dean for Undergraduate Programs and an Associate Professor of Finance in the College of Business. He received his PhD from the Katz Graduate School of Business at the University of Pittsburgh. His undergraduate degrees are in Mathematics and Economics from Indiana University in Bloomington. His research has been presented at a number of conferences including the American Finance Association, SFS Cavalcade, Western Finance Association, the Utah Winter Finance Conference, and the North American Winter Meeting of the Econometric Society.

Dr. Clarke's work has been published in the Journal of Finance, Journal of Financial Economics, Management Science, the Journal of Financial and Quantitative Analysis, the Journal of Business, Journal of Behavioral Finance, the Journal of Banking and Finance, Annals of Finance, Journal of Empirical Finance, and the Journal of Corporate Finance. His paper titled "Long-Run Performance And Insider Trading In Completed And Canceled Seasoned Equity Offerings" won the 2001 William F. Sharpe award for best published paper in the Journal of Financial and Quantitative Analysis.

Dr. Clarke is an award winning teacher. He was voted the 2009 and 2013 MBA Core Professor of the Year, was a 2009 Hesburgh Award teaching fellow, and received the 2010 James F. Frazier, Jr. Award for Teaching Excellence. He has taught in custom programs for NCR, GE, Premier, Clorox, Lockheed Martin, and the National Football League. Dr. Clarke is a former director of the Eastern Finance Association, on the editorial board of The Financial Review, and edits the Handbook of Modern Finance.

Mitchell Walker

Professor

Department: School of Aerospace Engineering
Office: Guggenheim 449B
Phone: 404.385.2757
Email: mitchell.walker@ae.gatech.edu
Web: https://www.ae.gatech.edu/people/mitchell-l-r-walker-ii

Biography

Mitchell L. R. Walker is a Professor of Aerospace Engineering at the Georgia Institute of Technology where he directs the High-Power Electric Propulsion Laboratory. He received his Ph.D. in Aerospace Engineering from the University of Michigan, where he specialized in experimental plasma physics and advanced space propulsion. His training includes rotations at Lockheed Martin and NASA Glenn Research Center. In 2005, he founded the electric propulsion program at the Georgia Institute of Technology. Dr. Walker has served as an Associate Editor of the American Institute of Aeronautics and Astronautics (AIAA) and on the Editorial Board of Frontiers in Physics and Astronomy and Space Sciences – Plasma Physics since 2015. He was a participant in the 2014 US National Academy of Engineering US Frontiers of Engineering Symposium and in 2015 he was the co-organizer for a focus session at the symposium. Dr. Walker is also a recipient of the AIAA Lawrence Sperry Award (2010) and the Air Force Office of Scientific Research Young Investigator Program Award (2006). He is an Associate Fellow of the AIAA and serves as Chair of the AIAA Electric Propulsion Technical Committee. Dr. Walker's service to the American Physical Society's Division of Plasma Physics includes Local Coordinator of the Conference (2015) and Chair of the Subcommittee for Low Temperature and Dusty Plasmas (2016). He also served on the National Research Council Aeronautics and Space Engineering Board for the Air Force Reusable Booster System Study (2011-2012). Dr. Walker's primary research interests include both experimental and theoretical studies of advanced plasma propulsion concepts for spacecraft and fundamental plasma physics. His research activities include plasma-material interactions, diagnostics for plasma interrogation and thruster characterization, vacuum facility effects, helicon plasma sources, electron emission from carbon nanotubes, Hall effect thrusters, gridded ion engines, and magnetoplasmadynamic thrusters.

Pinar Keskinocak

William W. George Chair and ADVANCE Professor

Department: School of Industrial & Systems Engineering
Office: Groseclose 422
Phone: 404.894.2325
Email: pinar@isye.gatech.edu
Web: http://www2.isye.gatech.edu/people/faculty/Pinar_Keskinocak/

Biography

Pinar Keskinocak is the William W. George Chair and Professor, and co-founder and co-director of the Center for Health and Humanitarian Systems in the Stewart School of Industrial Engineering. She also serves as the College of Engineering ADVANCE Professor. Previously, she worked at IBM T.J. Watson Research Center. She received her Ph.D. in Operations Research from Carnegie Mellon University, and her M.S. and B.S. in Industrial Engineering from Bilkent University.

Dr. Keskinocak's research focuses on the applications of operations research and management science with societal impact, particularly health and humanitarian applications, supply chain management, and logistics/transportation. Her recent work has addressed infectious disease modeling, evaluating intervention strategies, and resource allocation; catch-up scheduling for vaccinations; hospital operations management; disaster preparedness and response (e.g., prepositioning inventory); debris management; centralized and decentralized price and lead time decisions. She has worked on projects with companies, governmental and non-governmental organizations, and healthcare providers, including American Red Cross, CARE, CDC, Children's Healthcare of Atlanta, Emory University, and Intel Corporation.

She currently serves as a department editor for Operations Research (Policy Modeling and Public Sector area), associate editor for Manufacturing & Service Operations Management, and as a member of the board and the executive committee of INFORMS. Previously she served as INFORMS Vice President of Membership and Professional Recognition, is the co-founder and past-president of INFORMS Section on Public Programs, Service, and Needs, and the president of the INFORMS Health Applications Society.

John Taylor

Frederick Law Olmsted Professor

Department: School of Civil and Environmental Engineering
Office: Mason 4140C
Phone: 404.894.8021
Email: jet@gatech.edu
Web: http://www.ce.gatech.edu/john-e-taylor

Biography

John E. Taylor is the inaugural Frederick Law Olmsted Professor of Civil and Environmental Engineering at the Georgia Institute of Technology. Dr. Taylor received his PhD in 2006 from Stanford University on the topic of innovation in architecture, engineering and construction industry networks, and his research continues to explore such network dynamics. At Georgia Tech, he is the founder and Director of the Network Dynamics Lab (http://ndl.gatech.edu/), which examines industrial and societal dynamics associated with information system integration, industry globalization, workforce virtualization, shifting workforce demographics, energy conservation in and across buildings, and human mobility during natural disasters.

Dr. Taylor's research has received over $6M in funding from the National Science Foundation, the Department of Energy, the Earth Institute, the Alfred P. Sloan Foundation, and other public and private funding sources. His research was awarded the National Science Foundation's CAREER Award in 2011 and an Alfred P. Sloan Foundation Industry Studies Fellowship in 2009. Dr. Taylor has authored over 200 technical publications, including publishing over 75 journal manuscripts. His research publications have won many conference and journal best paper awards, including five journal best paper awards. He was awarded the ASCE Thomas Fitch Rowland Research Prize in 2009 and the ASCE Daniel W. Halpin Award in 2015 for his scholarship.

Dr. Taylor's pedagogical efforts focus on developing the problem-solving skills required for students to navigate a dynamic and changing industry. His efforts to integrate real world problems into the classroom resulted in him receiving the CII Outstanding Instructor Award in 2011 and the CII Distinguished Professor Award in 2013. In 2013, his technology-enriched pedagogical efforts were awarded the XCaliber Award from the Virginia Tech Office of the Provost. His teaching and advising efforts were also awarded both the G.V. Loganathan Teaching Award for Excellence in Civil Engineering Education and a Favorite Faculty Award from Virginia Tech in 2014. Dr. Taylor was selected to receive the Certificate of Teaching Excellence from the Virginia Tech College of Engineering in 2016. Dr. Taylor serves on four editorial boards that span computer science, civil engineering and organizational studies, including two as Associate Editor. He has guest edited two journal special issues, most recently a special issue in the ASCE Journal of Computing in Civil Engineering on "Computational Approaches to Understand and Reduce Energy Consumption in the Built Environment" in 2014. For his service, in 2013 he received the Distinguished Service Award from the Engineering Project Organization Society. Prior to entering academia, Dr. Taylor worked in industry as a project manager and was the founder of two technology startups in the civil engineering field. Still engaged in entrepreneurship, Dr. Taylor serves on the Advisory Board for three technology startups.

Kyriaki Kalaitzidou

Associate Professor

Department: School of Mechanical Engineering
Office: MaRC 438
Phone: 404.385.3446
Email: kyriaki.kalaitzidou@me.gatech.edu
Web: http://www.me.gatech.edu/faculty/kalaitzidou

Biography

Dr. Kyriaki Kalaitzidou is an Associate Professor in the G. W. Woodruff School of Mechanical Engineering, at Georgia Institute of Technology. She joined as an Assistant Professor in 2007. She also holds a courtesy appointment in the School of Materials Science and Engineering at Georgia Tech. Prior she was a post-doctoral researcher in the Polymer Science and Engineering Department at University of Massachusetts, Amherst. Dr. Kalaitzidou received her Ph.D. from the Chemical Engineering and Materials Science Department at Michigan State University in 2006 and her Master's Degree in Mechanical Engineering from Michigan Tech. Dr. Kalaitzidou's program blends scholarly research and education in the core engineering areas of materials processing and polymer engineering, as they relate to manufacturing of multifunctional materials and stimuli responsive particles; and to development of green and sustainable manufacturing processes. She has received the 3rd Award in the International Quadrant Competition (2007) for her Ph.D. work on multifunctional polymer nanocomposites and the prestigious Honda Initiation Grand (2008) for her research on light weight composites for automotive applications. Her research sponsors include the National Science Foundation, P3Nano, US Forestry Services, Yamaha Manufacturing, Intel, Boeing, VW and Samsung. She has about sixty journal publications and is a co-inventor of two patents. She has served as the Chair and Vice Chair in various technical committees of ASME for multiple terms and she will be hosting the Annual Conference of the American Society of Composites in 2019 at Georgia Tech. She is a G.W. Woodruff Fellow since July 2016.

Irfan Essa

Professor and Associate Dean for Off-Campus and Special Initiatives

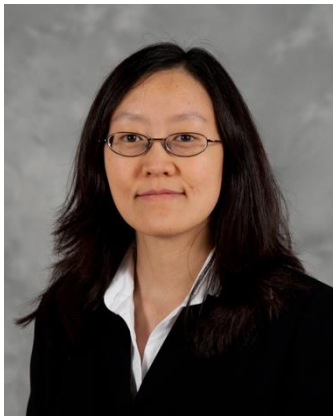
Department: School of Interactive Computing

Office: COB 4267
Phone: 404.894.4373
Email: irfan.essa@cc.gatech.edu
Web: http://www.cc.gatech.edu/people/irfan-essa

Biography

Irfan Essa is a Professor in the School of Interactive Computing (iC) and Associate Dean of the College of Computing (CoC), at the Georgia Institute of Technology (GA Tech), in Atlanta, Georgia, USA. He is serving as the Inaugural Director of the new Interdisciplinary Research Center for Machine Learning at Georgia Tech (ML@GT). Professor Essa works in the areas of Computer Vision, Machine Learning, Computer Graphics, Computational Perception, Robotics, Computer Animation, and Social Computing, with potential impact on Autonomous Systems, Video Analysis and Production (e.g., Computational Photography & Video, Image-based Modeling and Rendering, etc.) Human Computer Interaction, Artificial Intelligence, Computational Behavioral/Social Sciences, and Computational Journalism research. He has published over 150 scholarly articles in leading journals and conference venues on these topics and several of his papers have also won best paper awards. He has been awarded the NSF CAREER and was elected to the grade of IEEE Fellow. He has held extended research consulting positions with Disney Research and Google Research and also was an Adjunct Faculty Member at Carnegie Mellon's Robotics Institute. He joined GA Tech Faculty in 1996 after his earning his MS (1990), Ph.D. (1994), and holding research faculty position at the Massachusetts Institute of Technology (Media Lab) [1988-1996].

Hang Lu



Love Family Professor of Chemical & Biomolecular Engineering

Department: School of Chemical and Biomolecular Engineering

Office: EBB 3017

Phone: 404.894.8473

Email: hang.lu@chbe.gatech.edu

Web: http://www.chbe.gatech.edu/faculty/lu

Biography

Hang Lu is the Love Family Professor in the School of Chemical & Biomolecular Engineering at Georgia Tech, and the deputy director of the Bioengineering Interdisciplinary Graduate Program. She is also an associate editor for Royal Society of Chemistry's Lab on a Chip journal. She started at GT in 2005 as an assistant professor. Her current research interests are microfluidics, automation, quantitative analyses, and their applications in neurobiology, cell biology, cancer, and biotechnology. Her award and honors include the ACS Analytical Chemistry Young Innovator Award, a National Science Foundation CAREER award, an Alfred P. Sloan Foundation Research Fellowship, a DuPont Young Professor Award, a DARPA Young Faculty Award, Council of Systems Biology in Boston (CSB2) Prize in Systems Biology, Georgia Tech Junior Faculty Teaching Excellence Award, and Georgia Tech Outstanding PhD Thesis Advisor Award; she was also named an MIT Technology Review TR35 top innovator, and invited to give the Rensselaer Polytechnic Institute Van Ness Award Lectures in 2011, and the Saville Lecture at Princeton in 2013. She is an elected fellow of American Association for the Advancement of Science (AAAS) and an elected fellow of the American Institute for Medical and Biological Engineering (AIMBE).

Meisha Shofner

Associate Professor and Associate Director

Department: School of Materials Science and Engineering

Office: MRDC 4409

Phone: 404.385.7216

Email: meisha.shofner@mse.gatech.edu

Web: http://www.mse.gatech.edu/faculty/shofner

Biography

Meisha Shofner is an Associate Professor in the School of Materials Science and Engineering and an Associate Director of the Renewable Bioproducts Institute at Georgia Institute of Technology, joining the faculty following post-doctoral training at Rensselaer Polytechnic Institute. She received a B.S. in Mechanical Engineering from The University of Texas at Austin and a Ph.D. in Materials Science from Rice University. Prior to beginning graduate school, she was employed as a design engineer at FMC in the Subsea Engineering Division, working at two plant locations (Houston, Texas and the Republic of Singapore). At Georgia Tech, the Shofner research group investigates topics such as structure-property and processing-performance relationships in polymer nanocomposites, polymer crystallization as a tool for directed assembly, processing and mechanical properties of hierarchical structures, and new materials development for additive manufacturing. This research has been recognized by the Ralph E. Powe Junior Faculty Enhancement Award from Oak Ridge Associate Universities and the Solvay Advanced Polymers Young Faculty Award. Meisha is a registered Professional Engineer in Georgia.

Audrey Duarte

Associate Professor

Department: School of Psychology

Office: JS Coon 124

Phone: 404.894.2349

Email: audrey.duarte@psych.gatech.edu

Web: http://psychology.gatech.edu/people/faculty/335

Biography

Dr. Duarte has been faculty in the School of Psychology since 2008. Dr. Duarte received her PhD in neurobiology from U.C. Berkeley in 2004 and completed postdoctoral training at the U.C. San Francisco VAMC and the Medical Research Council-Cognition and Brain Sciences Unit in Cambridge, UK. She has been investigating age-related cognitive changes, mainly those in episodic memory, in her research program for the last 16 years. She uses a combination of EEG, fMRI, and neuropsychological methods to investigate the temporal and spatial characteristics of neurocognitive changes across the lifespan. Her research has shed light on the nature of memory impairments in healthy aging, how they differ from those found in dementia, and the neural changes that contribute to these impairments. Dr. Duarte's work has been funded by the National Institute of Aging, the National Science Foundation, and the American Federation for Aging Research.