

Excellence in Teaching
and Learning

2014-2015
New Faculty





Faculty Center for Excellence in Teaching & Learning
Herman D. James Hall, Room 3092
Rowan University
201 Mullica Hill Road
Glassboro, NJ 08028

The Faculty Center for Excellence in Teaching & Learning serves individuals, groups and the institution in pursuit of teaching excellence. Its three areas of activity are: 1) induction and ongoing support of junior faculty; 2) professional development focused on the scholarship of teaching, learner-centered teaching, collaboration and reflective pedagogy; and 3) partners in strategic planning and implementation of institutional change relevant to teaching and learning and in-line with Rowan University's Four Pillars (Access, Quality, Affordability, Economic Engine). The Center encourages self-directed inquiry through workshops, discussion groups, learning communities and conference participation.

Rowan University Welcomes our new faculty for 2014-2015

Dear Friends,

The following pages show proof that Rowan University continues its commitment to hiring the largest number of highly qualified, full-time faculty possible in support of teaching and learning. This academic year, the University community welcomes 30 tenure-track professors to the Glassboro campus including 24 assistant professors, four instructors, one associate professor and one full professor.

These new professors join the Rowan family during an unprecedented time in the University's history. It is indeed an exciting time to be at Rowan. Our growth from 12,000 students in 2012 to 14,000 in 2014 also has seen a commensurate rise in the average SAT scores for first-time freshmen. New academic buildings—the most obvious signs of growth—are under way for engineering and business students.

As we grow in numbers, we grow in stature. In 2013, the State of New Jersey declared Rowan a state comprehensive public research university. No one has more to say about what that will mean exactly than the newest members of our faculty. Ten years from now, Rowan is sure to be a very different institution. We place our future in the hands of our professors. So, please, take a look at our newest members of the Glassboro campus. Meet the best and the brightest—the future of Rowan University.

Best,



Deb Martin, Ph.D.
Director, Faculty Center for Excellence in Teaching & Learning





New Faculty Bios



Stephanie Abraham

Assistant Professor
Department of Language, Literacy and Special Education
College of Education

B.S., Early Childhood Education, University of North Georgia; M.Ed., Early Childhood Education, University of North Georgia; Ed.S., Language and Literacy Education, University of Georgia; Ph.D., Language and Literacy Education, University of Georgia

Dr. Abraham is deeply interested in how schools and classrooms contribute to the shaping of social society. She has studied how school and classroom practices may further social wrongs through prejudices and privileges. Her work is dedicated to developing and practicing critical pedagogies, which may help to undo social wrongs and create equality and justice in schools and societies. Dr. Abraham's work has been recognized by the University of Georgia's Innovative and Interdisciplinary Research Grant. Funded by the National Endowment for the Humanities, she was a summer teacher scholar in Oaxaca, Mexico. Her work has been published in *Radical Teacher*, TESOL's bilingual newsletter and *Discourse*. At Rowan, she teaches courses for pre-service and in-service teachers. Off-campus, she loves traveling, studying new languages and Latin dancing.



Lisa Abrams

Instructor
Department of Psychology
College of Science and Mathematics

B.S., Psychology, College of Mount Saint Vincent; Ph.D., Biopsychology and Behavioral Neuroscience, The Graduate Center of the City University of New York

Dr. Abrams has an extensive background teaching various psychology courses including research methods, physiological psychology, neuroendocrinology and statistics. At Rowan, Dr. Abrams teaches research courses in the foundations of psychology sequence as well as more biologically oriented courses such as physiological psychology. Regarding research, she is interested in sexual health topics like determining what factors predict sexual risk in teens and young adults. Outside of campus, Dr. Abrams is an enthusiastic fiction reader who enjoys a game of roller derby every once in a while.



Amanda Almon

Assistant Professor
Department of Art
College of Communication and Creative Arts

B.F.A., Medical Illustration, Rochester Institute of Technology; M.F.A., Biomedical Visualization, University of Michigan; Certified Medical Illustrator, Association of Medical Illustrators

Ms. Almon's work focuses on medical, health and science mobile application development, virtual reality, and simulation for health education and research visualization. Ms. Almon creates media for serious games for kids, patients and doctors as an alternative learning method to traditional patient education. Previously, Ms. Almon chaired Art and Game Design programs at the Cleveland Institute of Art. She brings her experience to Rowan to create the new Biomedical Art and Visualization Program. Ms. Almon's recent animations and mobile application design work have been published by ThatsNice Productions L.L.C., Atbosh Media and Lemming Labs L.t.d.



Nathan Bauer

Instructor
Department of Philosophy and Religion
College of Humanities and Social Sciences

B.A., History, University of Calgary; B.A., Philosophy, McGill University; Ph.D., Philosophy, University of Chicago

Much of Dr. Bauer's research concerns Kant, both as a prominent figure in the history of philosophy and as a relevant guide to contemporary issues in the discipline. He is interested particularly in Kant's account of the concepts we bring to our experience of the world—and the role they play in our pursuit of scientific knowledge. At Rowan, he teaches Philosophy of Science along with various courses in the history of philosophy. As a northern transplant, he still enjoys skiing up in the Canadian Rockies. As a new New Jerseyan, he has come to appreciate spending time down the shore.



Vince Beachley

Assistant Professor
Department of Biomedical Engineering
Henry M. Rowan College of Engineering

B.S., Engineering Science and Mechanics, Virginia Tech; Ph.D., Bioengineering, Clemson University

Dr. Beachley has research interests in tissue engineering, biomaterials and nanofabrication. His research focus on innovation and translational technologies has led to several patents related to nanofiber assembly and high-throughput tools for analyzing cell-biomaterial interactions. He was awarded fellowships from the American Heart Association and the Hartwell Foundation for his graduate research at Clemson University and his postdoctoral research at Johns Hopkins School of Medicine. Dr. Beachley's research has resulted in book chapters, several articles in journals such as *Progress in Polymer Science*, *Advanced Healthcare Materials*, and *Materials Science and Engineering*, and presentations at international conferences.



Parth P. Bhavsar

Assistant Professor
Department of Civil and Environmental Engineering
Henry M. Rowan College of Engineering

B.Tech., Civil Engineering, Center for Environmental Planning and Technology, North Gujarat University, India; M.S., Civil Engineering, Clemson University; Ph.D., Civil Engineering, Clemson University

Dr. Bhavsar's primary research focus is Intelligent Transportation Systems (ITS). His research investigates how advanced transportation technologies, such as Connected Vehicle Technology (CVT), can contribute to sustainable mobility. His dissertation focused on developing an evaluation framework for CVT-supported alternative fuel vehicles. In addition to his academic appointments, Dr. Bhavsar worked for Iteris, Inc. in Atlanta, a leading global ITS company. His work has been published in peer-reviewed journals including *Transportation Research Part C: Emerging Technologies* and *Transportation Research Record: Journal of the Transportation Research Board*. At Rowan, he teaches courses related to transportation engineering, ITS and CVT.



Mark Byrne

Full Professor and Department Chair
Department of Biomedical Engineering
Henry M. Rowan College of Engineering

B.S., Chemical Engineering, Biomedical Engineering Minor, Carnegie Mellon University; M.S.Ch.E., Chemical Engineering, Purdue University; Ph.D., Chemical Engineering, Purdue University

Dr. Byrne joins Rowan as inaugural department chair and professor within the Department of Biomedical Engineering. He is a leader in the field of biomaterials, pharmaceutical and polymer engineering, and controlled therapeutic delivery and medical devices. He authored more than 75 peer-reviewed publications and has given more than 210 conference presentations/invited lectures. He also is an inventor on eight issued and four pending patents. Dr. Byrne is co-founder/chief technology officer of the drug-delivery company, OcuMedic, Inc., and his research received government funding through NIH and NSF. He was raised in Pittsburgh, enjoys running and playing/coaching soccer, and lives in Mullica Hill with his wife, Susan, and their four children.



Zeynep Ercan

Associate Professor
Department of Teacher Education
College of Education

B.A., History and Social Studies Education, Gazi University, Ankara, Turkey; M.A., Integrated Teaching and Learning, The Ohio State University; Ph.D., Rethinking Early Childhood and Elementary Education, The Ohio State University

Dr. Ercan has been in the field of childhood education for 18 years as a teacher, supervisor, mentor, consultant and teacher educator. Her research focuses on the educational experiences of culturally and linguistically diverse children and families. Dr. Ercan also examines innovative pedagogies and practices such as incorporating technology and science/literacy inquiry projects. Her research has appeared in academic journals such as: *Race, Ethnicity and Education*, *Childhood Education* and *International Journal of Science Education*. She was the recipient of the 2014 Indiana Early Care and Education Award from the Indiana Association for Education of Young Children.



Markéta Fantová

Assistant Professor
Department of Theatre and Dance
College of Performing Arts

B.F.A., DAMU Academy of Performing Arts, Prague, Czech Republic; M.F.A., Theatre Design, Wayne State University

Ms. Fantová, native of Prague, Czech Republic, began her career as a scenographer for Theatre 22. She serves on the board of the United States Institute for Theatre Technology (USITT) as vice president for international activities and as artistic director for USITT-USA 2015. She specializes in scenic, lighting and costume design for theatre, dance and performance art. Her designs were in the USITT-USA Prague Quadrennial National Exhibit and World Stage Design Exhibit in Seoul, South Korea. She was set and lighting designer for the off-Broadway world premiere of *Tiny Bubbles* with New Directions Theatre. Her performance art and dance works include Angier Performance Works's *Paper III* in Prague, costumes for the installation *Liminal* in The Fosdick-Nelson Gallery in New York, and site adaptive installation pieces *Waiting III* and *Waiting IV* in the Random Room Gallery and Gem Hotel Gallery. Her current projects include co-creating the *Letter to the World* series.



Dianne M. Garyantes

Assistant Professor
Department of Journalism
College of Communication and Creative Arts

B.A., Journalism, Pennsylvania State University; M.P.A., International Development, Rutgers University; Ph.D., Mass Media and Communication, Temple University

Dr. Garyantes worked as a reporter for daily newspapers in Vermont, Connecticut and New Jersey. She later worked as a television producer, creating non-fiction programs for The Discovery Channel, Discovery Health, TLC, Twentieth Century Fox Television and public television. She also spent two years working as a Peace Corps volunteer in the Dominican Republic. Her scholarship examines the use and adoption of mobile and multimedia journalism, as well as the cultural competence of journalists. Her work has been published in *Community Journalism* and *International Communication Gazette*. At Rowan, she is teaching News Reporting I, Online Journalism and Journalism Senior Seminar.



Kimberly Houser

Assistant Professor
Department of Law and Justice Studies
College of Humanities and Social Sciences

B.S., Law and Justice, The College of New Jersey; M.A., Criminal Justice, Temple University; Ph.D., Criminal Justice, Temple University

Dr. Houser teaches courses in corrections, environmental criminology, theory and juvenile justice. Her research has focused on the impact of mental illness and substance-use disorders on inmate adjustment and reintegration in the community. Her recent research examined the influence of land use on recidivism. She has worked on several National Institute of Justice and National Institute on Drug Abuse grants and has consulted with the Pennsylvania Department of Corrections on reentry of inmates with co-occurring disorders to high-risk neighborhoods. She has presented at the American Society of Criminology and the Academy of Criminal Justice Sciences annual conferences. Her work has been published in prestigious journals including *Justice Quarterly*, *Criminal Justice and Behavior* and *The Prison Journal*.



Meredith C. Joppa

Assistant Professor
Department of Psychology
College of Science and Mathematics

B.A., Psychology and Anthropology, Brown University; M.A., Clinical Child Psychology, University of Denver; Ph.D., Clinical Child Psychology, University of Denver

Dr. Joppa is interested in promoting healthy romantic relationships and sexual behavior among at-risk adolescents and young adults. She uses attachment theory to examine the links between romantic relationship skills and risk for dating violence, sexually transmitted infections, unintended pregnancy and HIV. She is a clinical child and pediatric psychologist specializing in working with HIV-infected youth and their families. Dr. Joppa has taught at the University of Denver and Rhode Island College. At Rowan, she teaches undergraduate Developmental Psychopathology and a graduate course in psychological assessment in the Clinical Mental Health Counseling program. In her free time, she loves spending time with her family, traveling and fantasy football.



Tom Keck

Assistant Professor
Department of Chemistry, College of Science and Mathematics
Department of Biomedical and Translational Sciences, School of Biomedical Science and Health Professions

B.S., Biomedical Engineering, University of Southern California; Ph.D., Physiology and Pharmacology, Oregon Health and Science University; Postdoctoral Fellow, National Institute on Drug Abuse-Intramural Research Program, National Institutes of Health

Long fascinated by the interactions between drugs (prescribed and illicit) and the brain, Dr. Keck's molecular and behavioral pharmacology research focuses on developing and testing new medications for the treatment of neuropsychiatric disorders, including Parkinson's disease, schizophrenia and drug addiction. He has received several research awards for work on dopamine and glutamate receptors and earned two awards in 2013 for his commitment to mentoring younger scientists. With joint appointments in the Department of Chemistry and Biochemistry and the new Department of Biomedical and Translational Sciences, Dr. Keck will teach courses in biochemistry and pharmacology, among others.



Claude Krummenacher

Assistant Professor
Department of Biological Sciences, College of Science and Mathematics
Department of Biomedical and Translational Sciences, School of Biomedical Science and Health Professions

B.S., Biology, University of Lausanne, Switzerland; Ph.D., Sciences, University of Lausanne

Dr. Krummenacher is a virologist with an interest in the interactions between the herpes simplex virus (HSV) and its host. His research aims at understanding how the virus manipulates the functions of cells to spread and avoid immune responses. He completed fellowships at the Wistar Institute in Philadelphia and at the University of Pennsylvania. His structural and functional studies of HSV have been supported by several grants from the National Institutes of Health. Dr. Krummenacher has authored 40 research articles as well as several scientific reviews and book chapters. Dr. Krummenacher has taught graduate courses in biochemistry and virology. At Rowan, he teaches Introduction to Cell Biology.

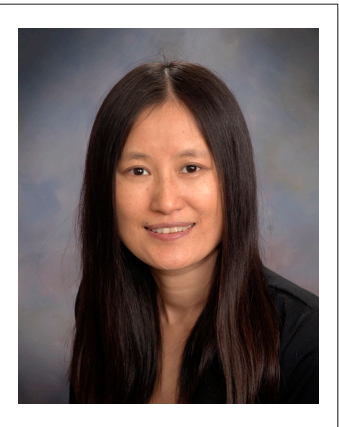


Philip La Porta

Instructor
Department of Physics
College of Science and Mathematics

B.A., Physics, Muhlenberg College; M.S., Physics, Lehigh University; Ph.D., Physics, Lehigh University

Dr. La Porta previously researched increasing the third-order optical non-linearities of small organic molecules while decreasing their size. In graduate school, he won the Outstanding Teaching Assistant Award. As a lecturer at Princeton University, he won the Excellence in Teaching Award. At Rowan, Dr. La Porta teaches Introductory Electricity and Magnetism and the associated labs, and labs for Introductory Mechanics. Outside of physics, Dr. La Porta also is a professional magician. He has worked with local businesses, non-profits and various collegiate theater productions as a consultant and teacher. He also has produced and performed his own shows. When he's not meddling with molecules—or making them disappear—Dr. La Porta's other hobbies include cooking, trivia nights, roller derby, home improvement and electronic circuitry projects.



Linda Liu

Assistant Professor
Department of Marketing and Business Information Systems
Rohrer College of Business

B.A., English Education, Shandong Normal University, China; M.B.A., Marketing, Thunderbird School of Global Management; Ph.D., Marketing, Louisiana State University

Dr. Liu's research focuses on the digital marketing issues that marketers encounter in the Information Age. In particular, she investigates how marketing professionals can take advantage of the informational value of big data and advanced analytics to improve customer and business performance. She also examines online consumer behavior towards luxury goods. Dr. Liu has papers published at respected marketing journals. In addition, she has presented her research at various marketing conferences. She teaches International Marketing. During her spare time, she likes hiking, running and yoga.



Rouzbeh Nazari

Assistant Professor
Department of Civil and Environmental Engineering
Henry M. Rowan College of Engineering

B.S., Engineering, Isfahan University of Technology, Iran; M.E., Civil Engineering, City College of City University of New York; M.Phil., Civil Engineering, The Graduate Center of City University of New York; Ph.D., Civil Engineering, City University of New York

Dr. Nazari is interested in the application of remote sensing in water resources and the environment, urban monitoring, hydro-informatics, urban water reuse, GIS modeling, air pollution and the climate variability impact on human health. Dr. Nazari has published several books and journal articles, and has presented his work at national and international conferences. Dr. Nazari is a member of American Society of Civil Engineers (ASCE), American Meteorological Society (AMS), Institute of Electrical and Electronics Engineers (IEEE) and American Water Resources Association (AWRA). At Rowan, he teaches a range of courses in the Department of Civil and Environmental Engineering, including Environmental Engineering I.



Nathaniel V. Nucci

Assistant Professor
Department of Physics and Astronomy, College of Science and Mathematics
Department of Biomedical and Translational Sciences, School of Biomedical Science and Health Professions

B.S., Biochemistry and Molecular Biology, University of New Hampshire; M.S., Biochemistry and Molecular Biology, University of New Hampshire; Ph.D., Biochemistry and Molecular Biophysics, University of Pennsylvania

Dr. Nucci is a molecular biophysicist whose research interests focus on the dynamic aspects of biomolecular function. During his studies as an NIH National Research Service Award fellow at the University of Pennsylvania, he developed novel methods for studying the interactions of proteins and water and for investigating the effects of nanoscale confinement on the behavior of biological molecules. His work has been published in several journals including *JACS*, *Nature Structural and Molecular Biology* and *PNAS*. Dr. Nucci is dedicated to the involvement of undergraduates in research, and his teaching interests include electromagnetism, biophysics, structural biology and biomedical science.



Sun-Young Park

Assistant Professor
Department of Public Relations and Advertising
College of Communication and Creative Arts

B.S., French Culture, American Culture and Mass Communications, Sogang University, South Korea; M.A., Advertising, University of Texas at Austin; Ph.D., Mass Communication, University of Florida

Dr. Park teaches courses including Advertising Strategies, Public Relations and Advertising Research and Integrated Marketing Communication. She worked as an account executive at Innocean Worldwide, an in-house advertising agency for the Hyundai Kia Automotive Group. Before coming to Rowan, she was an assistant professor at Drury University, where she served as a faculty co-adviser for the AAF National Student Advertising Competition. Her scholarly interests involve issue advertising, corporate social marketing, and health communications and promotion. She won the 2012 American Academy of Advertising Doctoral Dissertation Award, presented 22 papers at national conferences and published articles in *Health Marketing Quarterly*, *Journal of Promotion Management*, and *Health Information and Libraries Journal*, among others.



Kelley Perkins

Assistant Professor
Department of Teacher Education
College of Education

B.A., Child Development, Lynchburg College; M.S., Human Development and Family Studies, University of Delaware; Ph.D. (ABD), Human Development and Family Studies, University of Delaware

Ms. Perkins is interested in the connection of policy, research and practice within the field of early childhood education. Her current research is with state Quality Improvement and Rating Systems (QRIS) and the support of coaching/technical assistance. Additional research interests include adult learning and the process of change within teacher preparation, ongoing professional development within a diverse workforce and the role of families in early childhood. Ms. Perkins teaches early childhood and teacher preparation courses. Outside of teaching and research, she enjoys practicing yoga, spending time outdoors and traveling.



Shivakumar I. Ranganathan

Assistant Professor
Department of Mechanical Engineering
Henry M. Rowan College of Engineering

B.S., Mechanical Engineering, Dr. Babasaheb Ambedkar Technological University (DBATU), India; M.S., Mechanical Engineering, Indian Institute of Technology Delhi, India; Ph.D., Mechanical Engineering, University of Illinois at Urbana-Champaign

Dr. Ranganathan's research interests span a variety of topics in multiscale solid mechanics, mesoscale heat conduction and biomedical engineering. He earned a Ph.D. from the University of Illinois and subsequently joined the Department of Nanomedicine and Biomedical Engineering at the University of Texas Medical School at Houston as a Postdoctoral Fellow. Prior to starting his Ph.D., he worked as a mechanical engineer at General Electric (GE) Global Research. He has won several awards including the University Gold Medal during his undergraduate studies, the Hats-Off Award and Management Award for outstanding research contributions at GE, and, more recently, the Certificate of Recognition awarded by Shell Oil Company. At Rowan, Dr. Ranganathan teaches courses, such as Strength of Materials and Machine Design, in the solid mechanics track.



Christopher Roche

Assistant Professor
Department of Theatre and Dance
College of Performing Arts

B.A., Musical Theatre, Catholic University of America; M.F.A., Acting/New Works, The Ohio State University; Ph.D., Theatre, The Ohio State University

Dr. Roche is a founding member and artistic associate of the for/word company, which creates new work based on writings from the historical record. With the for/word company, he has originated the roles of Antoine de Saint Exuperay in *North* and E.B. White in *The Little Book*. The company has performed in Chicago, Seattle, London and off-Broadway at the 59E59 Theatres in New York City. Dr. Roche also has performed at the Kennedy Center, Arena Stage, Woolly Mammoth, Studio, Source and Theatre J., all in Washington, D.C., and locally with the Freedom Theatre, Maukingbird, Bristol Riverside and Walnut Street Theatre in Philadelphia. He is a proud member of the Actors Equity Association, the professional union for stage actors.



Katharine Slater

Assistant Professor
Department of English
College of Humanities and Social Sciences

B.A., English, Sonoma State University; M.A., Literature, University of California, San Diego; Ph.D., Literature, University of California, San Diego

Dr. Slater is interested in the ways U.S. adults historically have participated in shaping perceptions of childhood through various forms of media, particularly fiction, photography and television. At Rowan, she teaches courses on children's and adolescent literature, introductory major courses and the late U.S. literature survey. Building on publications in *Genre*, *Children's Literature Association Quarterly* and other field-specific venues, her current book project examines formations of place and space in 20th-century U.S. writing for children. When not on campus, she enjoys baking, hiking with her dog and yelling at her favorite football team during the NFL season.



Trevor I. Smith

Assistant Professor
Department of Physics and Astronomy, College of Science and Mathematics
Department of Teacher Education, College of Education

B.S., Physics, University of Maine; M.S.T., Physics, University of Maine; Ph.D., Physics, University of Maine

Dr. Smith studies how people think about and learn physics. Cited by the National Research Council as one of the few examples of physics education research at the upper division, his major work has focused on developing instructional strategies for advanced undergraduate thermal physics courses. Dr. Smith's current research centers around students' use and understanding of mathematics in both introductory and advanced physics courses and the ways in which students combine and synthesize various pieces of information. Dr. Smith teaches courses across the undergraduate physics curriculum as well as courses on science education methods and discipline-based education research.



Joseph Stanzone

Assistant Professor
Department of Chemical Engineering
Henry M. Rowan College of Engineering

B.S., Chemical Engineering, Drexel University; M.S., Chemical Engineering, Drexel University; Ph.D., Chemical Engineering, University of Delaware

Dr. Stanzone's teaching interests include thermodynamics, separations, reaction engineering, polymer science and engineering, green/sustainable chemistry and engineering and bio-based materials. His research interests include the utilization of lignin as an alternative renewable chemicals feedstock, lignin-based plastics, green chemistry and engineering for the development of next-generation lignocellulosic biorefineries, and bio-based polymers and composites. His work has been published in *Green Chemistry*, *ChemSusChem* and *ACS Sustainable Chemistry & Engineering*, among other journals. While at the University of Delaware, Dr. Stanzone completed the Higher Education Teaching Certification program and also participated in the Chemical and Biomolecular Engineering's Teaching Fellowship.



Anna Q. Sun

Assistant Professor
Department of Educational Services and Leadership
College of Education

B.A., Teaching English as a Foreign Language, Tianjin Normal University, China; Ed.M., Education Studies – Concentration on Comparative and International Studies in Education, University at Buffalo, State University of New York; Ph.D., Educational Leadership and Administration, University at Buffalo, State University of New York

Dr. Sun is interested in exploring ways of improving public schools and enhancing social justice by analyzing the effectiveness of school leadership. Her research focuses on educational leadership and policies, school reforms, international development and studies in education and social justice. In addition to having teaching experience in both higher education and K-12 settings, Dr. Sun has a strong theoretical and practical background in adult and non-traditional student learning by means of face-to-face, hybrid and fully online formats. Dr. Sun is a lover of travel, fitness and making new friends.



Jennifer Tole

Instructor
Department of Writing Arts
College of Communication and Creative Arts

B.A., English, Temple University; Ph.D., English Literature, Temple University

Before coming to Rowan, Dr. Tole was a research fellow at the Center for the Humanities at Temple University. She has taught courses in English and Composition at Temple University and Rutgers University-New Brunswick, where she received a teaching award. Dr. Tole studied early modern British literature and Critical Theory. Her doctoral research focused on conceptions of temporality and seventeenth-century apocalyptic thought in the poetry of John Milton. At Rowan, Dr. Tole teaches Sophomore Engineering Clinic I, Writing for the Workplace, College Composition I (Honors), College Composition II and Foundations for College Writing.



Mehmet Uygur

Assistant Professor
Department of Health and Exercise Science
School of Biomedical Science and Health Professions

B.S., Physics, Middle East Technical University, Turkey; M.S., Exercise Physiology, Middle East Technical University; M.S., Biomechanics, University of Delaware; Ph.D., Motor Control, University of Delaware

Before joining Rowan, Dr. Uygur had worked as a post-doctoral researcher at the University of Delaware investigating the effects of exercise on the neuromuscular function of people with Parkinson's disease. He currently teaches Exercise Physiology, Kinesiology and Laboratory in Personal Training Techniques. His research interests include motor control of hand function in healthy and clinical populations and how exercise improves hand function in clinical populations. His work has been published in prestigious journals including *Journal of Biomechanics*, *Experimental Brain Research*, *Motor Control*, *Ergonomics* and *Neuroscience Letters*. Dr. Uygur played professional basketball in Turkey.

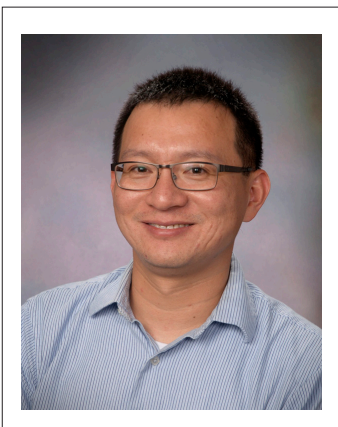


Svjetlana (Lana) Vojvodic

Assistant Professor
Department of Biological Sciences
College of Science and Mathematics

B.S., Biology, University of South Alabama; M.S., Biology, University of South Alabama; Ph.D., Biology, University of Copenhagen, Denmark; Postdoctoral fellow, University of Arizona

Dr. Vojvodic has had a range of teaching and research experience in the U.S. and Europe. At Rowan, she teaches a biology core-curriculum course in genetics. Dr. Vojvodic's postdoctoral training was funded from the NIH Postdoctoral Excellence in Research and Teaching program at the Center for Insect Sciences. In her research, she integrates cross-disciplinary approaches from microbiology, ecology, immunity, functional genomics and behavior at multiple levels of biological organization to answer fascinating questions about insects and their microbial symbionts.



Wei Xue

Assistant Professor
Department of Mechanical Engineering
Henry M. Rowan College of Engineering

B.S., Electrical Engineering, Shandong University, China; M.S., Electrical Engineering, Shandong University; Ph.D., Mechanical Engineering, University of Minnesota, Twin Cities

Dr. Xue's research interests are in the areas of nanotechnology, microelectronics, microfluidics and integrated sensing systems. His research has been published in *Applied Physics Letters*, *IEEE Transactions on Nanotechnology*, *Nanotechnology* and *Sensors and Actuators B: Chemical*. Before coming to Rowan, he worked as an assistant professor at Washington State University-Vancouver and, most recently, as a senior engineer at WaferTech LLC. He was the recipient of the 2012 Students' Award for Teaching Excellence by the Teacher of the Year Committee at Washington State University-Vancouver. At Rowan, he teaches courses related to machine design, nanotechnology and engineering materials. He enjoys hiking and playing soccer in his spare time.

Not pictured

Carolyn Supplee

Instructor
Department of Chemistry
College of Science and Mathematics

B.A., Chemistry, Goucher College; M.S., Inorganic Chemistry, The Ohio State University; Ph.D., Inorganic Chemistry, The Ohio State University

Dr. Supplee has been a research and design (R&D) chemist for Hoechst Celanese Chemical Group, a customer technical service scientist, a project team leader for new products/market development and staff R&D chemist at Celanese Corporation. She has taught a variety of chemistry courses ranging from introductory chemistry to inorganic chemistry. At Rowan, she is the coordinator for General Chemistry and Chemistry I/ II. Her teaching interests include active learning methodologies, process-oriented guided inquiry learning (POGIL) in teaching laboratories, think-pair-share with student response systems and inverted classrooms, adaptive learning technologies and strategies for subject matter retention, green chemistry and catalysis.



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