

Emerging Leaders Seminar Series

2020 Emerging Leaders



GAURI BHAT
Associate Professor of Accounting
Ernst & Young Faculty Fellow
Cox School of Business

Gauri Bhat is an associate professor of accounting. She brings a unique duality of skills having combined industry experience in audit with a big-four audit firm and risk management in the corporate banking division of a multinational bank with over a decade of experience in research and teaching in academia. She earned her Ph.D. from the University of Toronto. She is a CFA charter holder and holds professional designations as a chartered accountant and a cost accountant. Her research expertise lies in understanding and analyzing several attributes of the banking industry in the US. Her research has been published in leading academic journals and focuses on financial reporting by financial institutions. She has presented her research at several leading universities and conferences in the US and internationally. She has taught financial accounting, managerial accounting, and bank financial statement analysis courses. Currently, she teaches strategic cost analysis at the executive and graduate levels at Cox. Before entering academia, she worked as an auditor with KPMG and held a management position in the Corporate Banking Risk Management Group at Citibank.



JAMES COLEMAN
Associate Professor of Law
Dedman School of Law

James Coleman received two degrees from Harvard University — a J.D. (*cum laude*) and B.A. in biology (*magna cum laude* with highest honors in the field). Upon graduation from law school he served as clerk for Eighth Circuit Judge Steve Colloton, and then practiced energy, environmental, and appellate law as an associate in the Washington, D.C., firm of Sidley Austin LLP for three years. Prior to joining SMU, he was on the faculty at the University of Calgary, where he taught at both the law school and the business school. Before Calgary, he served on the faculty at Harvard Law School as a Climenko Fellow and Lecturer on Law. Coleman's scholarship addresses regulation of North American energy companies, focusing on how countries account for and influence regulation of fuel and electricity in their trading partners and how global energy companies respond to competing pressures from investors and regulators in multiple jurisdictions. He publishes the Energy Law Professor blog and you can follow him on Twitter at @energylawprof. This fall he will teach Oil & Gas Law.

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JILL DeTEMPLE
Professor and Chair of Religious Studies
Associate Professor of Anthropology
Dedman College

Her research focuses on religiously sponsored development in Latin America and on the uses of dialogue for teaching in higher education. She is currently working on two projects. The first is a book that examines the risks of social capital approaches to development, especially when they are based in religious and gendered identities, due to release with the University of Notre Dame Press in March, 2020. The second is an edited volume that introduces Reflective Structured Dialogue and attendant approaches to dialogic classrooms in postsecondary contexts. Dr. DeTemple received her Ph.D. from University of North Carolina, Chapel Hill, her M.T.S. from Harvard Divinity School and B.A. from Bowdoin College.



ED GLASSCOCK
Professor, Department of Biological Sciences
Prothro Distinguished Chair
Dedman College

Dr. Glasscock received his Ph.D. at the University of California at Berkeley and his Postdoc at Baylor College of Medicine. His lab, the Cardiorespiratory Neurogenetics Laboratory, is dedicated to understanding the genes and mechanisms underlying epilepsy and sudden unexpected death in epilepsy (SUDEP). Epilepsy is characterized by spontaneous recurring seizures and represents the fourth most common neurological disorder affecting about 1 in 26 Americans during their lifetime. People with epilepsy have an increased risk of dying suddenly for unknown reasons. These deaths are classified as sudden unexpected death in epilepsy (SUDEP) and represent the leading cause of epilepsy-related mortality. In our research, we utilize genetic mouse models of epilepsy, employing a wide array of in vivo, ex vivo, and in vitro electrophysiological techniques, pharmacology, histology, and molecular analyses.



JAMES LAKE
Professor, Department of Economics
Dedman College

James Lake has been an Associate Professor in the Department of Economics since fall 2018 after joining as an Assistant Professor in Fall 2012. Following his undergraduate and Master's degrees from Monash University in Australia, he received his PhD in economics from Johns Hopkins University in 2012. Dr. Lake's research focuses on international trade agreements. In particular, his research focuses on understanding why countries form international trade agreements and how the recent proliferation of such agreements interacts with multilateral negotiations via the WTO in affecting the possibility of global free trade. His research also investigates the distributional effects that trade agreements have among different segments of a country's population and how the ensuing political economy ramifications affect trade policy.

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BEATRICE MAGNANI

**Professor, Roy M. Huffington Department of Earth Sciences
Director of Graduate Students
Dedman College**

Dr. Magnani's interests include onshore and offshore controlled source-seismology, reflection and refraction seismology, continental crust and lithosphere formation and evolution, tectonics, earthquake and natural hazards, and induced seismicity. Her research focuses mainly on the study of continental lithosphere formation and evolution through active source seismic investigation, both on land and marine.

Investigating the continental lithosphere poses an exceptional challenge because unlike the oceanic lithosphere, the continental lithosphere does not have a common mode of origin, as it is an assemblage of diverse compositional elements with different thermal and tectonic histories. Dr. Magnani received her Ph.D. from the Università degli Studi di Perugia.



NICOS MAKRIS

**Addy Family Centennial Professor in Engineering
Department of Civil Engineering and Environmental Engineering
Lyle Engineering**

The research interests of Nicos Makris include the design and protection of structures against natural and man-made hazards, the analysis and design of seismic isolated and rocking structures—from tall valley bridges, rocking walls in buildings and historic structures in association with soil-structure interaction. Dr. Makris also has research

interests in rheology and fractional calculus; while from 2003 to 2009 he directed the reconstruction of the 4th century BC Temple of Zeus in Nemea, Greece. He received a diploma in Civil Engineering from National Technical University in Athens, Greece, a MS in Civil Engineering and his Ph.D. from the State University of New York at Buffalo.



STEPHANIE MARTIN

**Professor, Corporate Communication and Public Affairs
Meadows School of the Arts**

Sam (Stephanie A.) Martin is a scholar of public address and political communication, with a particular interest in the public discourses of conservative social movements, especially evangelical voters. Martin brings nearly 20 years of experience in corporate, media and political (campaign) work to bear in her research. She worked for her first political campaign in the summer between her senior year of high school and first year of college, when she volunteered at a phone bank for a candidate to the United States Senate from her

home state of Idaho. Since that time, she has remained an active participant in and observer of the United States political process and has worked on both national and statewide campaigns. As a media practitioner, Martin served as a project coordinator and staff writer for a PBS affiliate in Washington, D.C. and has written extensively for several business-to-business publications sponsored by General Motors. She began her career as a project manager and industrial engineer, first for the Boeing Company and then for Hewlett-Packard. Dr. Martin frequently appears as an expert commentator and as a consultant for news stories. Dr. Martin received her B.B.A. in Production and Operations Management from Boise State University, M.S. in Journalism from Syracuse University and her Ph.D. in Communication from the University of California, San Diego.

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ANTHONY PETROSINO

**Professor and Associate Dean for Research and Outreach
Department of Teaching and Learning
Simmons School of Education**

Dr. Petrosino has received more than 17 million dollars in grants from the National Science Foundation, the Department of Education and the McDonnell Foundation for Cognitive Studies. His research interests include students understanding of experimentation, engineering education and the development of expertise. He is Co-Founder of the nationally recognized UTeach Program. He is a Learning Scientist and an Associate Professor of Science and Mathematics Education and the Elizabeth G. Gibb Endowed Fellow at The University of Texas at Austin. He received his Ph.D. at Vanderbilt University where he was a member of the Cognition and Technology Group at Vanderbilt (CTGV) for five years. While doing his doctoral work, Petrosino was a NASA Space Grant Fellow funded through the Department of Mechanical Engineering. He was a seven year member of the NSF funded VaNTH ERC and a Principle Investigator of a Department of Education funded PT3 grant. Petrosino taught secondary science for seven years and is a certified K-12 teacher of science. In addition, he was an Assistant Superintendent of Schools for 2 years and was also a secondary school administrator for three years. Dr. Petrosino has published over 40 peer reviewed journal articles, made over 100 national and international conference presentations and has supervised a dozen doctoral dissertations. His articles have appeared in the Journal of Science Education and Technology, The Journal of the Learning Sciences, Mathematical Thinking and Learning, Educational Computing Research, The Journal of Engineering Education, and The American Educational Research Journal.



ELIZABETH RUSS

**Professor and Chair
Department of World Languages and Literature
Dedman College**

Dr. Russ has published scholarly articles on Dominican and Dominican American writers, transnationalism, and trans-American literary themes and tropes, among other topics. Her book, *The Plantation in the Postslavery Imagination* (Oxford University Press, 2009), examines the plantation, that physical place most vividly associated with slavery in the Americas, as a vexing rhetorical, ideological, and psychological trope through which intersecting histories of the New World have been told. Dr. Russ is currently working on a second book, which analyzes representations of gender, race, and national identity in 20th-century literature written by women from the Dominican Republic. Dr. Russ teaches classes in her areas of expertise, as well as on all aspects of Hispanic language and cultures. She also teaches two Ways of Knowing courses, one on the city of Dallas and one examining the long history between Mexico and the United States, with a focus on Texas and, especially, Dallas.

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MARY SPECTOR
Associate Dean for Clinics
Director of the Civil/Consumer Clinic and Professor of Law
Dedman Law

Professor Spector joined the faculty in 1995 as Co-Director of the SMU Civil Clinic where she continues to supervise students representing clients in state and federal courts. She also teaches Consumer Law and is a recipient of the University Golden Mustang Teaching Award, the Law School's Don Smart Directed Research Award and Women in Law's Faculty Appreciation Award. She writes and speaks in the areas of consumer credit, landlord-tenant law and clinical legal education. For her project on consumer debt collection litigation published in the *Virginia Law & Business Review* (2011), Professor Spector was honored with the Bellow Scholar Award from the AALS Clinical Section. For a project regarding to clinical legal education, Professor Spector was selected to serve as a Herbert Smith Freehills Visitor to the Faculty of Law in the University of Cambridge in Summer 2019. A graduate of the Cardozo School of Law with honors, Professor Spector served as a law clerk to the Honorable Jerry Buchmeyer, United States District Judge for the Northern District of Texas before joining the law firm of Akin, Gump, Strauss, Hauer & Feld as an associate. Prior to joining the law school faculty, she was an adjunct instructor of Legal Writing and Research, a visiting supervising attorney with the SMU Legal Clinic and a field instructor with the SMU/Legal Services of North Texas externship program. Outside of the Law School, Professor Spector received the Dallas Bar Association Pro Bono Award and has served on a number of university, professional and community committees and boards.



JIA ZHANG
Cruse C. and Marjorie F. Calahan Centennial Chair in Engineering, Professor
Department of Computer Science
Lyle School of Engineering

Dr. Jia Zhang's research interests emphasize the application of machine learning and information retrieval methods to tackle data science infrastructure problems, with a recent focus on scientific workflows, provenance mining, software discovery, knowledge graph, and interdisciplinary applications of all of these interests in the area of earth science. She has served as PI on grants worth over \$5 Million. Dr. Zhang has co-authored one textbook "Services Computing" and has published over 170 refereed journal papers, book chapters, and conference papers. Her research won two Best Paper awards at IEEE SCC (2011, 2017), and three Best Student Paper awards at IEEE ICWS (2014, 2018) and IEEE ICC (2018). She also holds three US patents. Dr. Zhang has served as an Associate Editor of the IEEE TSC, and served as Program Committee Chair for IEEE SCC (2020), ICWS (2019), CLOUD (2018), and BigData Congress (2017). Dr. Zhang holds a Ph.D. in Computer Science from the University of Illinois at Chicago. Prior to joining SMU, she was a faculty at Carnegie Mellon University - Silicon Valley, Northern Illinois University, and Nanjing University, and worked in industry as a software architect.