

## Northeastern Research Leadership Development Initiative (ReDI)

### 2017 – 2018 ReDI Participants

#### **Dan Adams**

*Director and Associate Professor of Architecture  
CAMD*



Professor Adams teaches design studios and seminars, in both the architecture and sustainable urban environments programs. These courses focus on negotiating architectural design with environmental context, with specific focus on integrating infrastructural systems in cities. He is also the co-founder of Landing Studio, a design and planning practice that develops tactics for positively integrating global and region scale infrastructure into local urban contexts. He holds an MArch from Harvard University where he received the AIA Medal, and Kelly Thesis Prize, as well as the Druker Research Fellowship.

#### **Debra Copeland**

*Director of the Office of Experiential Education and Associate Clinical  
Professor of Pharmacy  
Bouv *

Professor Copeland received her PharmD, BS from the University of Rhode Island. Her specialization is in Experiential Education and Infectious Disease Management. In her role with the Office of Experiential Education, she directs all experiential learning experiences for pharmacy students, including Co-ops for undergraduates that fulfill the required Introductory Pharmacy Practice Experience (IPPE) that is required in all pharmacy curriculum according to the Accreditation Council for Pharmacy Education (ACPE) and Advanced Pharmacy Practice Experiences (APPEs) for fourth year PharmD students.



#### **John Dencker**

*Associate Professor of Management and Organizational Development  
DMSB*



Professor Dencker received his B.A. in Economics and US History from Northwestern University and a Ph.D. in Sociology from Harvard University. His research examines the effects of corporate restructuring on (1) the employment relationship, (2) public policy programs designed to help the unemployed transition to self-employment (entrepreneurship), (3) generational dynamics in the workplace, and (4) causes and consequences of domestic and cross-border mergers and acquisitions. He has taught courses on Power and Influence and Organizations Fundamentals at the undergraduate, masters' and Ph.D. levels.

### **Kimberly Eddleston**

*Schulze Distinguished Professor of Entrepreneurship and Innovation  
DMSB*

Professor Eddleston earned her Ph.D. from the University of Connecticut in Management. She is widely published in the field of entrepreneurship. Professor Eddleston has won multiple awards for her research on family businesses as well as women entrepreneurs and managers. Professor Eddleston has taught multiple entrepreneurship courses including Family Business Management and Small Business Management. She has also developed a small business consulting project curriculum that has been featured at several entrepreneurship conferences and in Inc. Magazine.



### **Edgar Goluch**

*Associate Professor of Chemical Engineering  
COE*

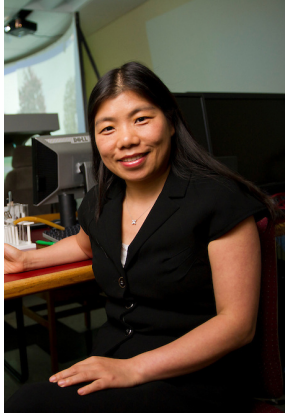
Professor Goluch earned his BS, MS, and Ph.D. in Chemical Engineering, Mechanical Engineering, and Bioengineering, respectively, at the University of Illinois at Urbana-Champaign. His primary research focus is in the development of detection strategies that are tailored for the micro and nanoscale, with emphasis on biological systems. Other research areas include detection of biomolecules at the nanoscale, specifically inside micro and nanofluidic channels. This is applied to a broad range of scientific fields including: biophysics, micro and systems biology, ecology, environmental sensing, and analytical instrumentation.

### **Kimberly Larson**

*Director of Doctor of Law and Policy Program and Associate Teaching Professor  
CPS*

Professor Larson is a member of the bar in Pennsylvania and New Jersey. She completed a postdoctoral fellowship in forensic psychology at the University of Massachusetts Medical School. Her policy interests focus on juveniles' psychological developmental capacities in legal contexts and the application of psychological literature to create informed policies. As part of her John D. and Catherine T. MacArthur Foundation funded research, she wrote a guide designed to assist those creating juvenile justice legislation, and provided technical assistance to 40 states in policymaking.





**Yingzi Lin**

*Associate Professor of Mechanical and Industrial  
COE*

Professor Lin earned her Ph.D. in Mechanical Engineering from the University of Saskatchewan. Her research interests include machine interactions, interface design and user experience integration and evaluation; smart systems and human friendly mechatronics, human state detection; human factors in transportation and health.

**Alan Mislove**

*Associate Dean & Director of Undergraduate Programs and  
Associate Professor of Computer and Information Science  
CCIS*

Professor Mislove is an Associate Professor in the College of Computer and Information Science at Northeastern University. He received a BA, MS, and PhD from Rice University in 2002, 2005, and 2009, respectively. Professor Mislove's research concerns distributed systems and networks, with a focus on using social networks to enhance the security, privacy, and efficiency of newly emerging systems. He was a recipient of the NSF CAREER Award in 2011, and his work has been covered by the Wall Street Journal, the New York Times, and the CBS Evening News.



**Costas Panagopoulos**

*Director of Big Data and Quantitative Methods Initiatives for CSSH and  
Professor of Political Science  
CSSH*

Professor Panagopoulos is a professor of political science and director of big data and quantitative initiatives within the College of Social Sciences and Humanities at Northeastern University. A leading expert on campaigns and elections, voting behavior, political psychology, campaign finance, and experimental research, Dr. Panagopoulos has been part of the Decision Desk team at NBC News since the 2006 election cycle. He is

also editor of *American Politics Research*, a peer-reviewed journal published by Sage.

### **Purnima Ratilal-Makris**

*Associate Professor of Electrical and Computer Engineering  
COE*

Professor Ratilal-Makris holds a PhD in acoustics from the Massachusetts Institute of Technology. She has extensive experimental and theoretical experience in remote sensing with acoustics and ultrasonics. The applications include long range acoustic detection, localization, and inference of underwater vehicles, geology, fish, and other objects in the ocean; linear and nonlinear ultrasound imaging for biomedical and military applications; and imaging in multipath environments.



### **Andrea Raynor**

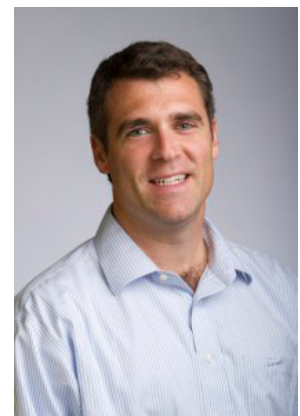
*Teaching Professor of Art and Design  
CAMD*

Professor Raynor holds a BFA from Maine College of Art and a MFA from School of Visual Arts in New York. She has developed and led Dialogue of Civilizations in Venice, Italy; Havana, Cuba; and Berlin, Germany. She has shown her work in solo and group shows in the New England area, The Institute of Contemporary Art in Maine, and The Visual Arts Gallery in New York. Her photo documentary of Fenway Park has been featured in the Library of Congress. Working as a professional photographer, she has been published in the Village Voice, American Photo, Time Out, New York, and Details Magazine.

### **Justin Ries**

*Associate Professor of Marine and Environmental Sciences  
COS*

Professor Ries is a marine biogeochemist in the Department of Marine and Environmental Sciences at Northeastern University. His research program investigates a wide range of subjects in the marine and geological sciences, including global climate change, paleoceanography, paleobiology, carbonate sedimentology, sulfur isotope geochemistry, biomineralization, and carbon sequestration. The common thread throughout his work is oceanic change, which he investigates over broad temporal scales.







**Abhi Shelat**

*Associate Professor of Computer & Information Science*  
*CCIS*

Professor Shelat earned his BA in Computer Science from Harvard University followed by a Ph.D. in Cryptography from the Massachusetts Institute of Technology. He has received numerous awards including the NSF CAREER award, Microsoft Faculty Fellowship Award, the FEST fellowship award, an Amazon Research award, an SAIC research award, a Jacobs Future of Money Workshop research prize, the Google Faculty Research Award, and an ACM UVA-chapter Professor of the Year award. He is also co-founder of the software company Arqspin. He works on secure computation protocols, which are methods for mutually distrusting parties, each with private inputs, to jointly compute a function while ensuring maximal privacy and correctness.

**Ming Su**

*Associate Chair of Graduate Studies and Associate Professor of*  
*Chemical Engineering*  
*COE*

Professor Su received his BS in Analytical Chemistry from Northwest University in China followed by a Ph.D. in Material Sciences and Engineering from Northwestern University in 2004. He has created a multi-disciplinary research program targeting nanoparticles, disease detection, radiation therapy, and covert thermal barcodes. Long term he hopes to use his expertise in advanced materials, biomedical engineering, nanotechnology, biosensing and X-ray microanalysis to develop next-generation platforms enabled by nanoparticles for early detections and treatments of diseases.



**Corliss Brown Thompson**

*Associate Teaching Professor of Graduate Education*  
*CPS*

Professor Thompson received her Masters and Ph.D. from the University of North Carolina at Chapel Hill in Education. Her research interests include teacher education, culture, diversity, multicultural educations, social foundations of education, and program evaluation. Dr. Thompson is a member of the American Educational Research Association and the American Education Studies Association.

**Ke Zhang**

*Associate Professor of Chemistry and Chemical Biology  
COS*

Professor Zhang earned his Ph.D. in Chemistry from Washington University in St. Louis. His research lab is highly interdisciplinary. His research interests are focused in polymer chemistry and nanoscopic drug carriers. Dr. Zhang was recently awarded that *Nano Research Young Investigator Award*.

