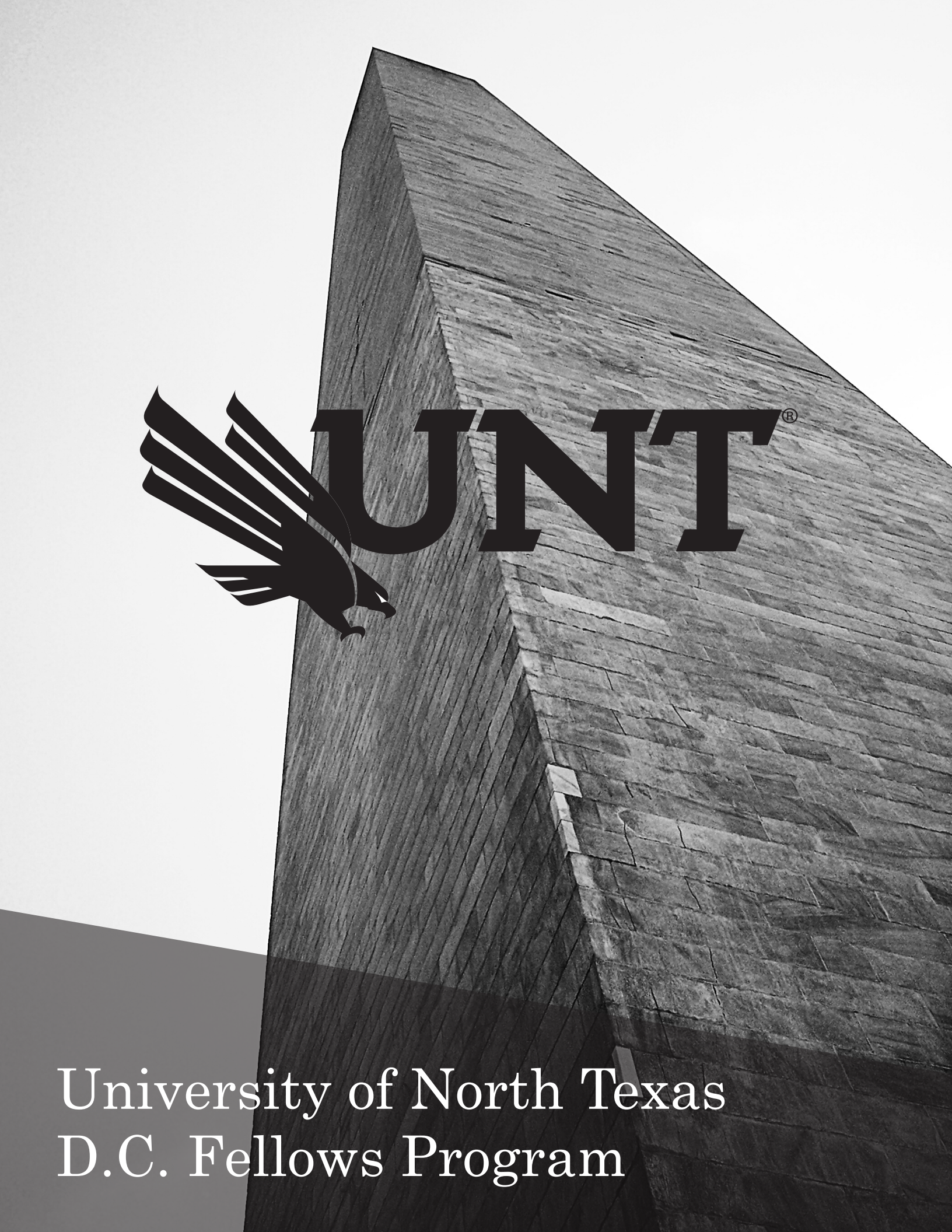


University of North Texas D.C. Fellows Program

Business

James Parrish

Assistant Professor
Department of I.T. & Decision Sciences

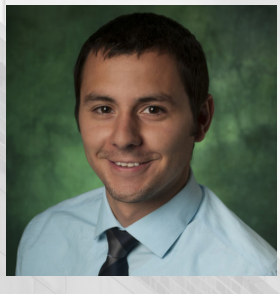
Dr. Parrish's primary research areas focus on disclosure of sensitive information via social networking sites (SNS) and what causes the spread of disinformation over SNS. He also studies the factors that contribute to the effectiveness of cybersecurity personnel in offensive roles.

Suman Niranjan

Assistant Professor
Department of Marketing, Logistics & Operations Mgmt.

Dr. Niranjan researches multi-echelon inventory & supply chain optimization, empirical research pertaining to supply chain and logistics, multi-method simulation optimization with application to logistics and supply chain, distracted driving, applied multi-variate statistical analysis, and predictive analytics applied to healthcare and supply chain problems.

Education



Ryan Olson

Assistant Professor
Department of Kinesiology, Health Promotion & Recreation

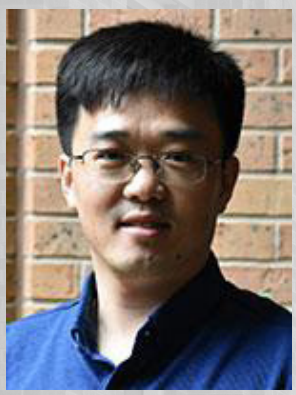
Dr. Olson's research centers on Behavioral Neuroscience and Exercise Psychology, with an emphasis on implementing behavioral interventions to improve cognitive, cardiovascular, and mental health outcomes.

Colleen Eddy

Associate Professor
Department of Teacher Education and Administration

Dr. Eddy's research seeks to provide pathways to STEM Education for both teachers and students. Her research is focused on mathematics instruction and curriculum development, and teacher effectiveness and engagement in middle and secondary schools.

Engineering



Qing Yang

Assistant Professor
Department of Computer Science & Engineering

Qing's research interests include the Internet of Things, autonomous vehicular system, network security and privacy.

Merch., Hospitality & Tourism

Han Wen

Assistant Professor
Department of Hopitality & Tourism Mgmt.

Dr. Wen's research includes foodservice management, food safety and food allergies in restaurants, food safety risk communication, and hospitality education.

Information

Aleshia Hayes

Assistant Professor
Department of Learning Technology

Dr. Hayes' research revolves around developing, evaluating, and iterating on technology used for learning in formal and informal environments. Her research focus extends to STEM education in K-12 classrooms and the STEM workforce.

Alexis Palmer

Assistant Professor
Department of Linguistics

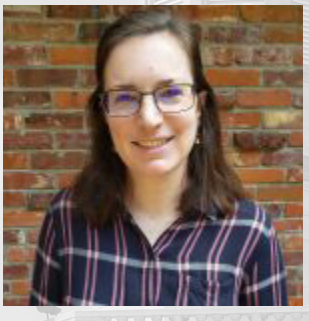
Dr. Palmer is a computational linguist whose research uses linguistic knowledge to guide the development of natural language processing methodologies. Her research is focused on computational methods for low-resource and endangered languages, computational approaches to the analysis of meaning, and automatic detection of abusive language online.

Health and Public Service

April Becker

Assistant Professor
Department of Behavior Analysis

Dr. Becker's research centers on the role of brain systems in the support of lawful behavioral principles and the potential of manipulating these systems to improve learning and recovery from brain injury. She uses rodent models for basic and translational investigations and applies these principles to rehabilitation research in humans with brain injuries.



Elyse Zavar

Assistant Professor
Department of Emergency Mgmt. & Disaster Science

Dr. Zavar's research examines long-term community recovery from disasters. She focuses on the ways communities reconstruct the built and natural environment to reduce risks to future hazards, including how communities design and use post-buyout open space. Additionally, she explores how communities commemorate such tragedies as part of the long-term recovery process.

Visual Arts and Design

Barbara Trippeer

Assistant Professor
Department of Fashion Design

Trippeer's design specializations focus on exploring the limits of traditional sportswear design development and production, via emerging technologies and alternative materials. She explores how the balance between sustainable manufacturing and emerging technologies impacts the apparel industry.

Christopher Meerdo

Assistant Professor
Department of Studio Art

Meerdo is an artist, educator, and activist whose interests lie in photography, emerging technologies, and social equity. His work has been exhibited internationally in cities such as: Berlin, Chicago, Reyjkavik, and Maastricht.

Journalism

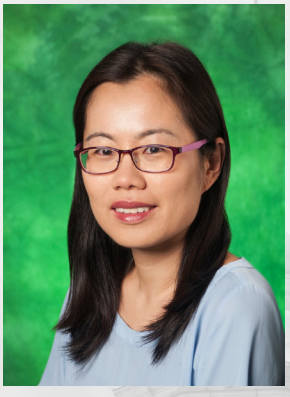
Sara Champlin

Assistant Professor

Department of Advertising

Dr. Champlin's research focuses on the use of strategic communication principles to improve public wellbeing. She is especially interested in health literacy and the ways communication practitioners facilitate the public's seeking and understanding of health information.

Liberal Arts & Social Sciences



Lu Liang

Assistant Professor

Department of Geography & Environment

Dr. Liang's research is focused on developing novel geospatial monitoring, mapping and modeling approaches to study how the human-environment interactions are manifested in land surface changes.

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College of Music

Quincy Davis

Assistant Professor

Department of Jazz Studies

Dr. Davis is a world-renowned jazz drummer with a keen interest in teaching (esp. high school students) about the important contributions that jazz and its innovators have made to our great American heritage. Band performance, aural presentations, listening and audience participation are methods he employs for understanding this art form and its relevance to society today.

Rebecca Geoffrey-Schwinden

Assistant Professor

Department of Music History, Theory & Ethnomusicology

Dr. Geoffroy-Schwinden's research studies how music is valuated at the margins of the Western political economy, particularly women. To pursue poorly documented musical experiences, she applies sonically based, digital approaches to historical inquiry.

Science

Han Hao

Assistant Professor
Department of Mathematics

Dr. Hao's research focuses on genetic association tests and disease risk prediction models. Her recent work studies how genetic variants and environmental factors lead to disease subgroups through a hierarchical causal inference model.

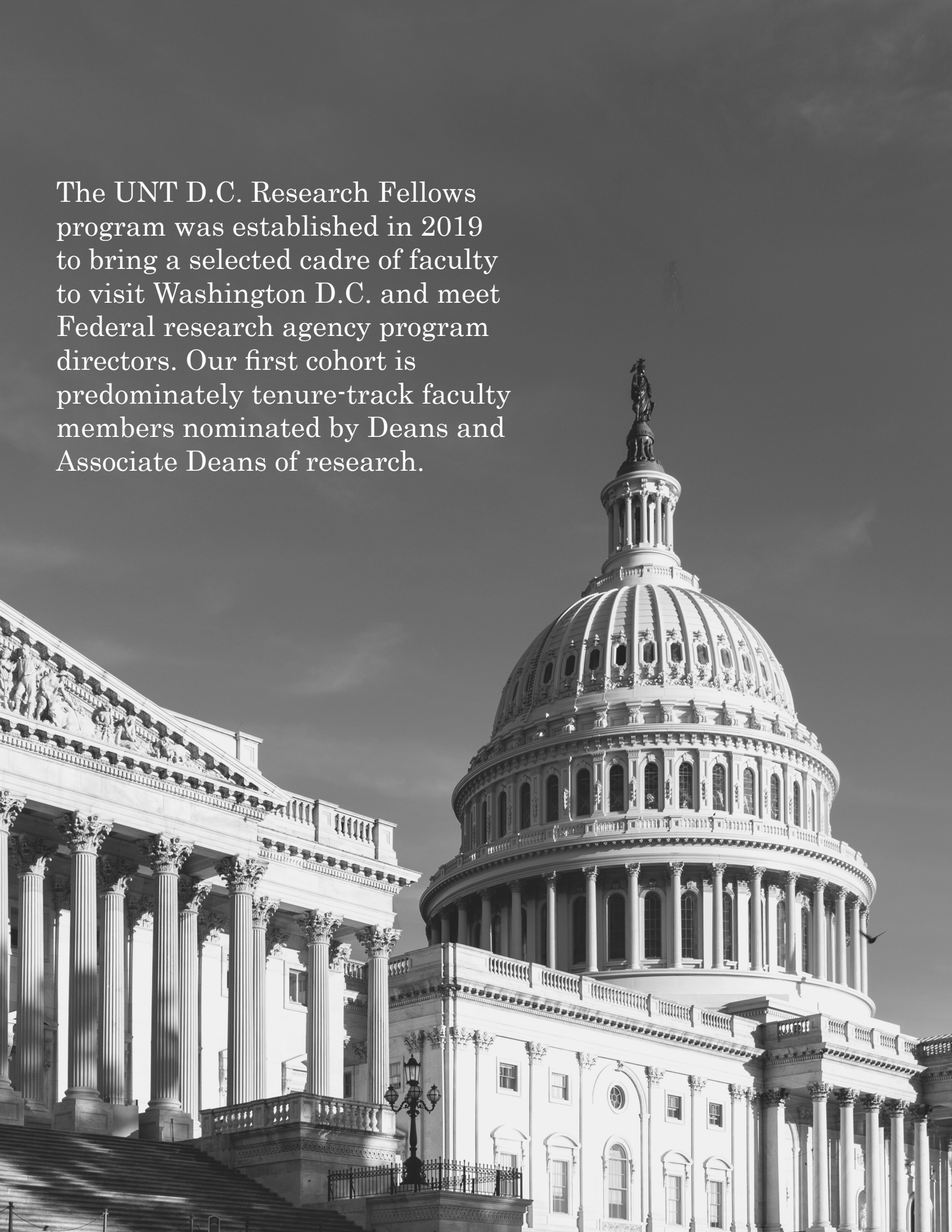
Hao Yan

Assistant Professor
Department of Chemistry

Dr. Yan's research focuses on non-ambient, non-equilibrium and extreme environments. He studies molecules and solids under high mechanical pressure, determining structure-function relationships in conventionally inaccessible regimes. He studies efficient catalysts, energy-converting devices and functional materials enduring harsh conditions, and the search of exoplanetary life forms.

Yanyan He

Assistant Professor
Department of Mathematics

Dr. He is interested in uncertainty quantification (UQ), including model correction based on physical constraints, parametric uncertainty analysis, non-probabilistic uncertainty modeling, and the application of UQ techniques to various disciplines, such as biology, engineering, and oncology.

The UNT D.C. Research Fellows program was established in 2019 to bring a selected cadre of faculty to visit Washington D.C. and meet Federal research agency program directors. Our first cohort is predominately tenure-track faculty members nominated by Deans and Associate Deans of research.