

2021 TAMIDS Student Data Science Competition

Biographies for Judges, Organizers and Sponsor Representatives

James Caverlee (organizer and judge) is Professor and Lynn '84 and Bill Crane '83 Faculty Fellow, Department of Computer Science & Engineering. His research targets topics from recommender systems, social media, information retrieval, data mining & emerging networked information systems.

Nick Duffield (organizer and judge) is Royce E. Wisenbaker Professor I in the Department of Electrical and Computer Engineering at Texas A&M University, and Director of the Texas A&M Institute of Data Science. From 1995 until 2013, Dr. Duffield worked at AT&T Labs-Research, Florham Park, NJ where he was a Distinguished Member of Technical Staff and an AT&T Fellow. He is an ACM, IEEE and IET Fellow and received the ACM SIGMETRICS Test-of-Time award in 2012 and 2013. His research focuses on foundations and applications of Data Science and Computer Networking.

Daren Homrighausen (organizer and judge) is Instructional Associate Professor in the Department of Statistics. In his research, he has done work in several applied and theoretical areas. He has worked extensively on developing both methods and theory for solving various problems in astronomy and cosmology. This research introduced him to the field known as inverse problems, where the observed data are actually noisy versions of smooth functionals of the object of interest. Additionally, he has spent a fair amount of time investigating the prediction risk implications of empirical tuning parameter selection for lasso-type methods. More recently, he has become interested in addressing some of the philosophies that currently dominate the field of macroeconomic forecasting.

Jeff Jones (judge and sponsor representative) is Digital Manager, Gulf of Mexico, at Chevron. He graduated with an MBA from the Mays Business School at Texas A&M in 2017. Jeff has been with Chevron for 15 years working across all aspects of the company. He has built and managed multiple data science teams for business units in Chevron. Prior to moving to the Gulf of Mexico, Jeff led Chevron's digital research and developed the organization with a strategic focus on developing artificial intelligence, Machine Learning and computational knowledge graphs.

Marina Romanyuk (sponsor representative) graduated from Texas A&M in 2019 with a statistics degree. While at Texas A&M, Marina engaged in research with both the statistics and psychology departments. She joined Chevron in early 2020 as a Data Scientist within the Data Science Engineering Center of Excellence. Throughout the past year at Chevron, Marina's project work included generating automated machine learning workflows to gain insights on unconventional reservoir production.

Venkatesh (Venky) Shankar (judge) is Coleman Chair Professor of Marketing and Director of Research at the Center for Retailing Studies, Mays Business School, Texas A&M University. His areas of specialization include digital business, marketing strategy, innovation, retailing, international marketing, and pricing.

Guy Whitten (organizer and judge) is Cullen-McFadden Professor of Political Science and Cornerstone Fellow in the College of Liberal Arts. Dr. Whitten's primary research and teaching interests are mass political economy, comparative politics, and political methodology. Much of his research has involved cross-national comparative studies of industrial democratic nations. He has published a variety of manuscripts in peer-reviewed journals, including the *American Journal of Political Science*, *Armed Forces and Society*, the *British Journal of Political Science*, *Electoral Studies*, the *Journal of Politics*, and *Political Behavior*. He is an active reviewer of manuscripts, and currently serves on the editorial boards of the *American Journal of Political Science*, *Electoral Studies*, and *Political Science Research and Methods*.