



Nick Duffield is a Professor in the Department of Electrical and Computer Engineering at Texas A&M University and Director of the Texas A&M Engineering Big Data Initiative. He holds a courtesy appointment in the Department of Computer Science and Engineering and is a Faculty Affiliate of the Texas A&M Center for Geospatial Sciences, Applications and Technology (GEOSAT).

From 1995 until 2013, he worked at AT&T Labs-Research where he was a Distinguished Member of Technical Staff and an AT&T Fellow. He previously held postdoctoral and junior faculty positions in Europe. He received a BA in Natural Sciences and an MMath from the University of Cambridge, UK, and a PhD in Mathematical Physics from the University of London, UK.

Duffield's research focuses on the foundations and applications of data science and computer networking, including graph streaming algorithms, network measurement and resilience, and applying data science methods to transportation systems and hydrology. His research is currently supported by the NSF and DARPA, and by gifts from Intel and Google. In the coming year, he will teach courses on Data Mining and Data Streaming Algorithms. He has served as primary advisor or committee member for graduate students in ECEN, CSCE, MATH, ISEN, PETE and BAEN.

Duffield is an IEEE Fellow and an IET Fellow, and he received the ACM Sigmetrics Test-of-Time award in both 2012 and 2013. He is an elected member of the Board of Directors of ACM Sigmetrics and will serve as Technical Program Co-chair for ACM Sigmetrics 2019. He is Chief Editor for Big Data at Frontiers in ICT and an Editor-at-Large for the IEEE/ACM Transactions on Networking. His H-Index is 60 with more than 14,000 citations, according to Google Scholar.