

Data Science Faculty member or affiliated	Research Interests	Website	Teaching/Admin	Joint Affiliation	Vertical Market Focus	Industry Collaboration
Phil Bourne	Multiscale Modeling Using Data Science Techniques Early Stage Drug Discovery and	https://engineering.virginia.edu/faculty/philip-e-bourne	Dean of SDS, former chief Data Scientist at NIH	Biomedical Engineering	Healthcare/Biotech	Microsoft Research, NIH
Don Brown	Data Fusion, Knowledge Discovery, and Simulation Optimization	https://engineering.virginia.edu/faculty/donald-e-brown-phd	Founder DSI, now Senior Associate Dean for Research	Systems Engineering	DOD/Defense, Cybersecurity, Healthcare	CCRI, Vector Research, Vibrent Health
Bill Basener	algorithms and software for processing remote sensing data, focusing on improving	https://www.linkedin.com/in/william-basener-552a254b/	Datamining and Practice & Applications	Founder, President and Scientist at	DOD/Defense, Cybersecurity	Geospatial Technology Associates
Sallie Keller	social and decision informatics, statistical underpinnings of data science, and data access and	https://biocomplexity.virginia.edu/sallie-keller		Biocomplexity Institute, Health	Healthcare/biotech	
Rafael Avarado	Cultural Analytics and Machine Learning, Digital Humanities, Text Analysis	http://transducer.ontoligent.com/	Program Director, Capstone Advisor		Digital Humanities	Microsoft
Nada Basit	Machine Learning, Bioinformatics, Data Mining, Pattern Recognition	https://engineering.virginia.edu/faculty/nada-basit	CS4750 "Database Systems" CS2110 "Software	EE, CS	Technology, Healthcare/Life Sciences	
Heman Shakeri	structure and function of interconnected networks, often expressed via graphs that	https://www.hemanshakeri.com/	Programming and Systems for Data Science;			
Jonathan Kropko	methods to examine historical data, to test theories of voting in U.S. presidential elections,	https://facultydirectory.virginia.edu/faculty/jk8sd	Practice & Applications, Bayesian Machine		Nonprofit	
Brian Wright	Precision Education	https://www.linkedin.com/in/brian-wright-ph-d-90063027/	Undergrad programs	Curry School of Education	EdTech	
Michael Porter	event prediction, pattern and anomaly detection, and data linkage - applications for	https://engineering.virginia.edu/faculty/michael-d-porter	data science, statistics, and analytics	Systems Engineering, Darden	Finance/Fintech, Cybersecurity	
Jack Van Horn	Psychology and Data Science, Cognitive Neuroscience	https://scholar.google.com/citations?user=i9bGqbgAAAAJ&hl=en		Psychology	Healthcare/Brain Science	

Tim Clark	next generation approaches for biomedical communications and data integration, including	https://scholar.google.com/citations?user=kiwICUAAAAJ&hl=en		Public Health Sciences	Healthcare/Brain Science	Millennium Pharmaceutica ls (now Takeda)
Daniel Mietchen	Computational Biology, Biodiversity integrating research workflows with the	https://tools.wmflabs.org/scholia/author/Q20895785			Technology, Healthcare/Life Sciences	
Gerard Learmonth	Generation and testing of pseudorandom number generators; Abstract database	https://www.researchgate.net/profile/Gerard_Learmonth		engineering	Finance/Fintech, Cybersecurity	
Stephen Adams	activity recognition, prognostics and health management for manufacturing systems, and	http://www.nsfcvdi.org/wordpress/cvdi_personnel/steven-		Engineering	IoT, Cybersecurity, Fintech, manufacturing	
Aidong Zhang	Machine Learning, Data mining, bioinformatics	https://engineering.virginia.edu/faculty/aidong-zhang		Engineering	Healthcare/ bioinformatics	
Jundong Li	Data Mining, Machine Learning, Social Computing, and Deep Learning	http://people.virginia.edu/~jl6qk/	Convex Optimization for Engineering & Data	CS, EE	Technology	
Sana Syed	Medicine and data science, bacteria and gut/data studies	https://research.med.virginia.edu/chrc/key-investigators/sana-		School of Medicine	Healthcare/ gut medicine	
Judy Fox	Scaling Challenges of Big Data Analytics and Real-Time Machine Learning for	https://www.judyfox.online/		Was Associate Professor of Intelligent	Technology, transportation, sports analytics	Google, Intel
Scott Schwartz	Bayesian Statistics, NLP, Bioinformatics, Cancer genomics	https://sites.cns.utexas.edu/juenger_lab/people/scott-schwartz	https://datascience.virginia.edu/people/scott-		Healthcare/ Pharma, Fintech	open banking in Sweden
Caitlin Wylie	Data Science applications to Environmental impact , how science and society interact ;	https://engineering.virginia.edu/faculty/caitlin-donahue-wylie		Engineering Technology & Society	Energy/ Environment	
Teague Henry	graph theoretic methods for neuroimaging data and is also receiving training in cognitive	https://www.teaguehenry.com/profile		Psychology	Healthcare/ Neuroimaging	was Head Statistician at Reazon
Lane Rasberry	Wikimedian in residence - open data, health information translation	https://datascience.virginia.edu/people/laneraspberry/profile			Technology, Healthcare	Gates Foundation

Felipe Rosado Murillo	Open Source Data, Environment and climate change, social impact of IoT	https://datascience.virginia.edu/people/luis-felipe-rosado-				Energy/ Environment
Pete Alonzi	technology solutions for data scientists	https://github.com/alonzi	Boot Camp for MSDS	particle physicist		Technology
Cathy Adams	Autism, neurodiversity and applications of data science; Database Mgmt		Practice & Applications			Healthcare/ Neurodiversity
Mohammad Fallahi-Sichani	designing and building new experimental and computational tools to enable	new hire		Biomedical Engineering (School of		Biomedicine
Sreekanth Mallikarjun	Data Science Modeling and Statistical Analysis, Machine Learning	https://www.linkedin.com/in/smallikarjun/	Ajunct for online program			Business Analytics
Behnaz Moradijamei		https://datascience.virginia.edu/people/behnaz-moradijamei/	Research associate			Biotech
						Reorg