

DEPARTMENT OF MATHEMATICS		
NAME	CONTACT INFORMATION	RESEARCH INTERESTS AND EXPERTISE
Allen, Michael Professor, Interim Chair	mallen@tntech.edu (931)372-3569	Time series • Spatial Statistics • Bootstrapping • Machine Learning • Additive Manufacturing
Chambers, Amy Associate Professor	achambers@tntech.edu (931)372-3690	C*- algebras and Wavelets
Davis, Chris Associate Professor	cbdavis@tntech.edu (931) 372-3445 http://math.tntech.edu/cbdavis/	Numerical analysis of partial differential equations • Developing and analyzing partition of unity methods for fourth (and higher) order problems
Hetzel, Andrew J. Associate Professor	ahetzel@tntech.edu (931) 372-3581 http://math.tntech.edu/ajhetzel/	Multiplicative Ideal Theory • Commutative Ring Theory
Kubiak, Damian Associate Professor	dkubiak@tntech.edu (931) 372-3529	Functional analysis • Banach spaces • Function spaces • Operator Theory
Le Borne, Richard Professor	rleborne@tntech.edu (931) 372-3582	Numerical analysis of algorithms in adaptive signal processing • STEM education • Learning mathematics for long-term retention
Liu, Yung-way Professor	ywliu@tntech.edu (931) 372-3564	Differential equations • Integral equations and their applications
Machida, Motoya Associate Professor	mmachida@tntech.edu (931) 372-3583	Probability theory • Stochastic process • Mathematical statistics
Norden, Jeffrey Professor	jnorden@tntech.edu (931) 372-3592 http://math.tntech.edu/jeff/	Topology and Set Theory
O'Connor, Brian Associate Professor	bmoc@tntech.edu (931) 372-3570	Numerical analysis and partial differential equations
Poudyal, Chudamani Assistant Professor	cpoudyal@tntech.edu (931) 372-3011	Actuarial and data sciences • Computational statistics • Quantitative risk management • Robust statistics • Stochastic optimization in finance, insurance and related areas
Shibakov, Alexander Professor	ashibakov@tntech.edu (931) 372-3438	Topology and Set Theory • Probability and Measure Theory • Theory of Computation and Computer Arithmetic
Smith, David Professor	ddsmith@tntech.edu (931) 372-3568	Statistical consulting • Climate modeling • Extreme value models • Small area estimation • Bayesian methods for data analysis
Veerapen, Padmini Associate Professor	pveerapen@tntech.edu (931) 372-3526	Noncommutative algebra • Noncommutative algebraic geometry