

## Graduate Faculty and Research

The department has research groups in complex dynamical systems, discrete mathematics, difference equations, numerical PDEs and linear algebra, probability, mathematical biology, data science, and machine learning.

**James Baglama** numerical linear algebra, data science

**Michael Barrus** graph theory

**Tom Bella** numerical linear algebra, structured matrices

**Jonathan Chávez-Casillas** stochastic modeling, mathematical finance, applied probability

**Mark Comerford** non-autonomous iteration, complex dynamics, complex analysis

**Nancy Eaton** graph theory

**Kelum Gajamannage** machine learning, numerical linear algebra, graph theory, network science

**Barbara Kaskosz** technology in mathematics education, nonsmooth control, combinatorics

**William Kinnersley** graph theory, games on graphs

**Mustafa Kulenovic** discrete dynamical systems, difference equations

**Peter Liu** applied mathematics, phylogenetics

**Araceli Medina-Bonifant** holomorphic dynamical systems, complex analysis

**Nhu Nguyen** stochastic processes and optimization, applied probability, statistics, mathematical biology

**Vasilije Perović** numerical linear algebra

**Irma Stevens** mathematics education

**Lubos Thoma** graph and hypergraph theory, probability, network and data science

**Li Wu** numerical analysis of PDEs

*For additional information, please visit*  
<https://www.math.uri.edu/people/>