



Department Research Interests

Applied Analysis

Harumi Hattori	Partial Differential Equations, Mathematical Finance
Harry Gingold	Asymptotic methods, differential equations
Dening Li	Partial Differential Equations, Shock theory
Sherm Riemenschneider	Approximation Theory, Wavelets, Signal Processing

Applied Mathematics

Ian Christie	Numerical methods
Krzysztof Ciesielski	Image processing
Mary Ann Clarke	Computational fluid dynamics
Harvey Diamond	Approximation, spline functions, applied probability
Eddie Fuller	Neural networks, data mining
Gary Ganser	Modeling, data analysis
Adam Halasz	Mathematical biology, theoretical physics, swarm robotics
James Moseley	Modeling, agglomeration in particle systems

Discrete mathematics

John Goldwasser	Combinatorics, graph theory
Henry Gould (emeritus)	Number theory, combinatorics, special functions
Hong-Jian Lai	Graph theory, matroid theory
Michael Mays	Number Theory
Pawel Pralat	Graph theory, self-organizing networks, random graphs
Jerzy Wojciechowski	Graph theory, combinatorics
Cun-Quan Zhang	Graph theory, algorithms, bioinformatics, data mining

Mathematics Education

Marjorie Darrah	Educational technology, algorithm development, K-12 outreach
Jessica Deshler	Undergraduate mathematics education
Laura Pyzdrowski	Instructional technology
Vicki Sealey	Undergraduate math. education, calculus student learning
David Miller	Undergraduate math. ed., cognitive science, STEM education
Matt Pascal	Undergraduate math. ed., teaching proof techniques, technology

Foundations

Krzysztof Ciesielski	Set theoretic analysis, topology
Eddie Fuller	Topology
Jerzy Wojciechowski	Algebra, model theory