

MATHEMATICAL SCIENCES

Professor, John Harding, Department Head

Professors Barany, Bezhanishvili, DeBlassie, Fouli, Harding, Lakey, Olberding, Smits, Wang; **Associate Professors** Ballyk, Contreras, Tian; **Assistant Professors** Bhattacharya, De Chenne, DiPasquale, Li, Oprisan, Shapirovskiy; **College Associate Professors** Villaverde; **College Assistant Professors** Archuleta, Cruz Quinones, Meek, O'Rourke; **College Instructors** Reece.

J. Harding, Department Head, Ph.D. Ph.D. (McMaster)– applications of topological methods to ordered structures; M. Ballyk, Ph.D. (McMaster)– mathematical biology and ecology; E. Barany, Ph.D. (Ohio State)– mathematical physics; G. Bezhanishvili, Ph.D. (Tokyo Institute of Technology)– topology, algebra, and categories in logic; P. Bhattacharya, Ph.D. (Indiana)– algebraic topology; A. Contreras, Ph.D. (Indiana)– analysis and applied mathematics; D. DeBlassie, Ph.D. (MIT)– probability; A. De Chenne, Ph.D. (Oregon State)– mathematics education, combinatorial reasoning, computation education in mathematics; M. DiPasquale, Ph.D. (Illinois)– computational commutative algebra and algebraic geometry; L. Fouli, Ph.D. (Purdue)– commutative algebra; J. Lakey, Ph.D. (Maryland)– applied harmonic analysis; B. Li, Ph.D. (Waterloo)– functional analysis, operator theory and operator algebras; B. Olberding, Ph.D. (Wesleyan)– commutative algebra, valuation theory and module theory; A. Oprisan, Ph.D. (Texas–Arlington)– statistics, probability, and data science; I. Shapirovskiy, Ph.D. (IITP, Moscow, Russia) – foundations; R. Smits, Ph.D. (Purdue)– probability, harmonic analysis; J. Tian, Ph.D. (California–Riverside)– applied mathematics, mathematical biology, and biostatistics; T. Wang, Ph.D. (Windsor)– mathematical statistics.