Mathematics, Statistics, and Computer Science

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The Department of Mathematics, Statistics, and Computer Science offers programs in all three disciplines, including majors in mathematics and computer science and a concentration in statistics. For more information on each program, see the separate listings under Computer Science (http://catalog.stolaf.edu/archive/2015-2016/academic-programs/computer-science) , Mathematics (http://catalog.stolaf.edu/archive/2015-2016/academic-programs/mathematics) , and Statistics (http://catalog.stolaf.edu/archive/2015-2016/academic-programs/statistics) .

Faculty

Chair, 2015-2016
Paul Zorn
Professor of Mathematics, Statistics, and Computer Science
complex analysis; mathematical exposition

Richard J. Allen
Professor of Mathematics, Statistics, and Computer Science
logic programming; intelligent tutoring systems; computer science; Islamic geometric patterns; bioinformatics

Joseph J. Benson
Visiting Assistant Professor of Mathematics, Statistics, and Computer Science
differential geometry; differential equations; lie groups; symmetries; moving frames

Adam H. Berliner (on leave)
Associate Professor of Mathematics, Statistics, and Computer Science
combinatorial matrix theory; linear algebra; graph theory

Jessica R.B. Bestrashniy
Visiting Assistant Professor of Mathematics, Statistics, and Computer Science
statistics; epidemiology; statistical genetics

Richard A. Brown
Professor of Mathematics, Statistics, and Computer Science
computer science; parallel/distributed systems

Jill Dietz (on leave)
Professor of Mathematics, Statistics, and Computer Science
algebraic topology; group theory

Kosmas J. Diveris
Assistant Professor of Mathematics, Statistics, and Computer Science
commutative algebra; homological algebra

Kristina C. Garrett
Associate Professor of Mathematics, Statistics and Computer Science
enumerative and algebraic combinatorics; partition theory; q-series

Kathryn Ziegler Graham
Associate Professor of Mathematics, Statistics, and Computer Science
biostatistics

Olaf A. Hall-Holt
Associate Professor of Mathematics, Statistics, and Computer Science
computational geometry; computer vision/graphics

Bruce Hanson
Professor of Mathematics, Statistics, and Computer Science
real analysis; complex analysis

Paul Humke
Professor of Mathematics, Statistics, and Computer Science
real analysis; dynamical systems

Sharon J. Lane-Getaz
Associate Professor of Mathematics, Statistics, and Computer Science
statistics

Julie M. Legler
Professor of Mathematics, Statistics, and Computer Science
biostatistics

Ryota Matsuura
Assistant Professor of Mathematics, Statistics, and Computer Science
mathematics education; algebraic number theory

Steven McKelvey
Professor of Mathematics, Statistics, and Computer Science, Registrar and Assistant Vice President for Academic Affairs
operations research; wildlife modeling

Marju Purin
Assistant Professor of Mathematics
homological algebra; representation theory

Matthew P. Richey
Professor of Mathematics, Statistics, and Computer Science
applied and computational mathematics

Paul J. Roback
Professor of Mathematics, Statistics, and Computer Science
statistics

Thomas E. Rogers
Instructor in Mathematics, Statistics, and Computer Science

Hwayeon Ryu
Visiting Assistant Professor of Mathematics, Statistics, and Computer Science
mathematical biology; applied mathematics

Kay E. Smith
Associate Professor of Mathematics, Statistics, and Computer Science
logic; discrete mathematics