

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/academic-programs/computer-science>), Mathematics (<http://catalog.stolaf.edu/academic-programs/mathematics>), and Statistics (<http://catalog.stolaf.edu/academic-programs/statistics>).

Faculty

Chair, 2016-2017

Kristina C. Garrett

Professor of Mathematics, Statistics, and Computer Science
enumerative and algebraic combinatorics; partition theory; q-series

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

Associate Professor of Mathematics, Statistics, and Computer Science
combinatorial matrix theory; linear algebra; graph theory

Richard A. Brown (on leave spring)

Professor of Mathematics, Statistics, and Computer Science
computer science; parallel/distributed systems

Debra L. Czarneski

Jill Dietz

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

Robert Eisinger

Instructor in Mathematics, Statistics, and Computer Science

Vinayak Elangovan

Visiting Assistant Professor of Mathematics, Statistics, and Computer Science

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 (on leave)

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

Sharon J. Lane-Getaz

Associate Professor of Mathematics, Statistics, and Computer Science and Education
statistics; statistics education

Julie M. Legler

Professor of Mathematics, Statistics, and Computer Science
biostatistics

Ryota Matsuura (on leave Interim and spring)

Associate 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

Janice Pearce

Visiting Professor of Computer Science
swarm robotics; environmental modeling; computer science education

Bruce E. Pell

Instructor in Mathematics, Statistics, and Computer Science

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 (on leave)

Professor of Mathematics, Statistics, and Computer Science
statistics

Kay E. Smith

Associate Professor of Mathematics, Statistics, and Computer Science
logic; discrete mathematics

Paul Zorn

Professor of Mathematics, Statistics, and Computer Science
complex analysis; mathematical exposition