

CURRICULUM VITAE

Jennifer R. Galovich

EDUCATION

1985-86; 1989-93

University of Minnesota, Minneapolis, MN
Ph. D., Department of Mathematics
Major area: Combinatorics.
Supporting program: History and Philosophy of Science.

Dissertation: "Generalizations of Denert's Statistic."
Advisor: Dennis E. White.
Completed: October, 1993.

1969-1972

Brown University, Providence, RI
M.A., Department of Mathematics
Major area: Commutative Algebra
Thesis: "Seshadri's Theorem."
Advisor: Jonathan Lubin
Completed: May, 1972

1965-69

Reed College, Portland, OR
B.A., Department of Mathematics

Thesis: "Applications of Model Theory to Topology."
Advisor: A. E. Leisenring
Completed: May, 1969

PROFESSIONAL EXPERIENCE

1986-89; 1991-93
1993-1998
1998-2019

Instructor in Mathematics
Assistant Professor of Mathematics
Associate Professor of Mathematics
St. John's University

1985-86

Graduate Assistant
University of Minnesota

1975-78; 1980-85

Instructor and Tutor in the Paracollege
St. Olaf College

1978-79

Visiting Lecturer
University of California at Davis

1973, 1974

Adjunct Instructor

1978, 1984-85	Carleton College
1969-71	Graduate Assistant Brown University
1969	Summer School Instructor Francis Parker School (Chicago)

PUBLICATIONS

“Mahonian Z -statistics” *Discrete Mathematics* **307** (2007) 2341-2350 (with Dennis E. White).

“How to make the most of your sabbatical” (with Charles Hadlock, Tom Sibley and William Marion) *MAA Focus* **26**, August-September 2006.

Review of *Mathematics in a Postmodern Age: A Christian Perspective*, by Russell W. Howell and W. James Bradley, eds., *Christian Century* April, 2003.

Review of *Strength in Numbers* by Sherman K. Stein, *American Mathematical Monthly* **104** (1997) 683-685.

"Recursive Statistics on Words", *Discrete Mathematics* **157** (1996) 169-191 (with Dennis E. White).

“Generalizations of Denert’s Statistic”, Conference Proceedings of the 6th Conference on Formal Power Series and Algebraic Combinatorics, FPSAC 1994

“Jucys-Murphy Elements and a Combinatorial Proof of an Identity of S. Kerov”, [arXiv:1004.4571](https://arxiv.org/abs/1004.4571) (not refereed). Submitted to *ISRN Discrete Mathematics*.

PRESENTATIONS (LAST FIVE YEARS)

Member of panel on Program Review, Mathfest 2017

“Di-eigenals”, NCS/MAA section meeting, April 2017

“Catching some Zzzs” NCS/MAA Section Meeting in honor of David Bressoud, April 2016

“Agent Based Modelling Across the Curriculum”, Joint Mathematics Meeting, January 2016

“The Secret Lives of Bacteria” CSB/SJU Math Society, March 2014

“Agent Based Modelling” Thursday Forum, SJU, December 2013

“Modeling the trp operon in *E. coli*”, CSB/SJU Biology Seminar October 2013; NCS/MAA section meeting, October 2013. MD/DC/VA section meeting, April 2013.

“An (Ill-Advised) 51st Way to Leave Your Lover: A Phylogenetics Detective Story”; Mathematics Department Colloquium, Randolph Macon College, November 2012

“The Thesis That Wasn’t”, MD/DC/VA section meeting of the MAA, October, 2012.

“Jucys-Murphy Elements, Raising-Lowering Operators, and a Symmetric Function Identity”, Graduate Mathematics Seminar, Virginia Tech, October 2012.

In addition I have given many presentations to the CSB/SJU Math Society and in the weekly Combinatorics Seminar at the University of Minnesota.

CONFERENCES AND MEETINGS (LAST FIVE YEARS)

The list that follows is in addition to regular attendance at the Joint Meetings, Mathfest, and MAA regional section meetings:

Permutation Patterns Conference, Reykjavik University, June 2017

American Mathematical Society, Minneapolis MN, October 2016.

Unknot Conference, Denison University, July 2016

Algebraic and Combinatorial Approaches in Systems Biology Conference, Univ. of Connecticut Health Sciences June 2015

Midwest Combinatorics Conference, UMN May 2015

Mathematical Biosciences Institute, “Teaching Discrete and Algebraic Mathematical Biology to Undergraduates: August 2013

NIMBioS, “Mathematical Modeling for the Cell Biology Researcher and Educator” April 2013.

NIMBioS, “Systems and Synthetic Microbiology: An Investigative Workshop” March 2013

HONORS, AWARDS AND GRANTS

Award for Distinguished Service given by the North Central Section of the MAA, Spring 2010.

Graduate Fellowship, University of Minnesota, Spring 1991.

1993-94 Student Advising Award for the Division of Mathematics and Natural Sciences, St. John's University.

Kellogg Leadership Grant, 1995-96

CSB/SJU Curriculum and Professional Development Grant (Gender and Science), 2000-2001.

CSB/SJU Curriculum Development grant to develop a course in Biostatistics, Summer 2010

CSB/SJU Curriculum and Professional Development Grant (Integrative Science), Summer 2011

Member of team accepted for participation in the Undergraduate Research in Microbial Genome Annotation project sponsored by the Joint Genomics Institute of the Department of Energy.

**MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS
AND
PROFESSIONAL SERVICE**

Mathematical Association of America (President of the North Central Section 2004-05; Board of Governors 2007-2010; member of the Committee on the Undergraduate Program in Mathematics (CUPM) 2007-2010); member of the committee on Mathematics Across the Disciplines (2014 – 2017; chair of the Council on Members and Communities (2017 - 2021); member of the Committee on Councils and Committees (2017 - 2021); member of the Dolciani Editorial Board (2021- 2024)

American Mathematical Society

Association for Women in Mathematics (member of the Membership Committee 2008 – 2012)

Association of American University Professors

Member, National Council, Pi Mu Epsilon (1999- 2005)

Society for Mathematical Biology

Biology and Mathematics Special Interest Group of the MAA (BioSIGMAA)
(Treasurer 06-2015)

In May 2005 I was an external reviewer for the program review of the Department of Mathematics at St. Cloud State University.

In June 2007 I organized a conference at the Mathematical Biosciences Institute entitled “Over the Fence: Mathematicians and biologists talk about bridging the curricular divide”.

In December 2011, I was an external reviewer for the HHMI grant at the University of Richmond.

Tutor, Blacksburg United Methodist Church program for assisting elementary school children (2012-13) Blacksburg, VA

Tutor, Western Virginia Regional Jail GED program for inmates

In July 2017 I co-organized (with Tim Chartier) an Invited Paper Session on Big Data for Mathfest 2017

I regularly attend the annual Joint Mathematics Meetings (AMS,MAA,AWM, BioSIGMAA, Pi Mu Epsilon), the annual meeting of the SMB, the annual Mathfest (MAA, AWM, BioSIGMAA, Pi Mu Epsilon) and the Fall and Spring meetings of the North Central Section of the MAA.

From October 2019 to March 2020 I volunteered as a teacher and tutor of mathematics. at the Minnesota Correctional Facility in St. Cloud MN. I resumed this work in September of 2023.

DEPARTMENTAL SERVICE

In addition to various odd jobs, I have served as advisor to the student club (Math Society) organizer of the annual Pi Mu Epsilon undergraduate research conference and student hiring coordinator. I served for several years as departmental assessment coordinator and chaired the department (2009 – 2012).

UNIVERSITY SERVICE

In addition to numerous ad hoc committees of the University, I have served on the following standing committees:

Educational Standards Committee (1987 – 89; chair 1988 – 89)
Faculty Committee on Academic Affairs (1993 – 96)
Assessment Committee (1993 – 96)
Academic Budget and Planning (1996 – 98)
Handbook Committee (1999-01; 2013-19; chair 2015-2017)
Faculty Governance Coordinating Committee (2001-02; Chair 2002-03)
Committee on Academic Policies and Standards (Chair, 2004-05)
Curriculum Committee – (2006 -2009; Chair, 2007-08)
Faculty Senate (2008-2009)

I have also held the following offices:

Vice Chair of the Joint Faculty Assembly (2001-2002)
Chair of the Joint Faculty Assembly (2002 – 2003)
Faculty Regent (2001-2003)

Finally, I served on the SJU Presidential Search Committee, Spring 2009.