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Employment:

1992–	Professor of Mathematics and Computer Science Hobart and William Smith Colleges, Geneva, NY
1988–1991, 2003–2006	Chair of Mathematics and Computer Science Hobart and William Smith Colleges, Geneva, NY
7–11, 1998; 7–12, 1996; 1–6, 1994	Visiting Lecturer University of Queensland, Brisbane, Australia
1986–1992	Associate Professor of Mathematics and Computer Science Hobart and William Smith Colleges, Geneva, NY
1980–1986	Assistant Professor of Mathematics and Computer Science Hobart and William Smith Colleges, Geneva, NY
1975–1980	Graduate student and teaching assistant in Mathematics Brown University, Providence, RI

Education:

Ph.D. Mathematics	1980	Brown University, Providence, RI
B.A. Mathematics (Highest Honors) and Philosophy (<i>summa cum laude</i>)	1975	Bowdoin College, Brunswick, ME

Thesis:

Foldings and Crimpings of Algebraic Varieties. Advisor: Alan Landman.

Publications:

- An Introduction to Biostatistics, Second Edition*, with Thomas Glover. 2008. Waveland Press. (First edition: 2001. McGraw-Hill. Reissued by Waveland Press, 2006.)
- Foundations of Analysis, Second Edition* with David Belding. 2008. Dover. (First edition: 1991. Prentice-Hall.)
- “Game Theory Models of Animal Behavior,” with James Ryan. *UMAP ILAP Modules 2002–03: Tools for Teaching*. 1–48.
- “The Species-Area Relation,” with James Ryan. *UMAP Journal*, Vol. 19, No. 2, 1998, 139–170. Also published as UMAP Module 768 and *UMAP Modules: Tools for Teaching 1998*. 23–54.
- “Optimal Foraging,” with Steven Kolmes and James Ryan. *UMAP Journal*, Vol. 18, No. 1, 1997, 43–86. Also published as UMAP Module 762 and *UMAP Modules: Tools for Teaching 1997*. 97–140.
- “Modeling Stream Discharge: A Precalculus Field Exercise,” with Steven Kolmes and D. Brooks McKinney. *UMAP Journal*, Vol. 15, No. 2, 1994, 137–160. Also published as UMAP Module 739 and *UMAP Modules: Tools for Teaching 1995*. 21–44.
- Review of *Mathematical Modeling in the Life Sciences* by Paul Doucet and Peter B. Sloep. *UMAP Journal*, Vol. 15, No. 2, 1994, 175–176.
- “The Hardy-Weinberg Equilibrium,” with Steven Kolmes. *UMAP Modules: Tools for Teaching 1993*. 171–208. Also published as UMAP Module 738.
- “Computers in Introductory Math Classes: Teaching Concepts, Not Computer Use,” with David Eck. *Fourth Annual Problem Solving Across the Curriculum Conference Proceedings*, 1993, 17–26.

- “Calculus in a Movie Theatre.” *UMAP Journal*, Vol. 14, No. 2, 1993, 113–135. Also published as: *UMAP Modules: Tools for Teaching 1993*. 69–92, and as UMAP Module 729.
- “Information Theory and Biological Systems.” with Steven Kolmes. *UMAP Journal*, Vol. 11, No. 1, 1990, 25–62. Also published as: *UMAP Modules: Tools for Teaching 1990*. 43–78. UMAP Module 705.
- “Time Resources in Animals,” with Steven Kolmes. *UMAP Modules: Tools for Teaching 1988*, 81–143. Also published as UMAP Module 688.
- “Symmetries for Sums of the Legendre Symbol,” with Wells Johnson. *Pacific Journal of Mathematics*. Vol. 69, No. 2, 1977. 117–124.

Unpublished Manuscripts:

- “Quantitative Analysis by the Point-Centered Quarter Method.” people.hws.edu/mitchell/PCQM.pdf. 2007 (Version 2.15). 34 pages.
- Field Data Analysis*, with Thomas Glover. 1998. 217 pages.
- Mathematical Models of Biological Systems*, with James Ryan. 1998. 177 pages.
- “Island Biogeography,” with James Ryan. 1997. 15 pages.
- “Markov Chains and Time Resources.” 1997. 25 pages.
- “Second-Order Information Theory and Biological Diversity,” with James Ryan and Steven Kolmes. 1997. 26 pages.
- “Low Valency Tilings of the Hyperbolic Plane,” with Elaine Bruno. 1991. 10 pages.
- “Determinants and Geometry.” 1985. 32 pages
- “Foldings of Algebraic Varieties.” 1985. 25 pages.