

## Andrius Tamulis

Mathematics Department, Science Division  
Governors State University  
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### Education:

Ph.D., Mathematics, Indiana University, Bloomington, IN, August 1999.  
Thesis: *Concordance of Classical Knots*  
Adviser: Charles Livingston

M.S., Mathematics, Northwestern University, Evanston, IL, June 1991.

B.S., Computer Engineering, University of Illinois at Urbana–Champaign, 1989.

### Teaching:

**Assistant Professor**                      **Governors State University**                      Fall 2008-present  
Euclidean and Non-Euclidean Geometry (MATH 337), Calculus III (MATH 392), Mathematics Laboratory (MATH 393), Linear Algebra (MATH 440), Differential Equations (MATH 455), Modern Algebra (MATH 460), Number Theory (MATH 465), History of Mathematics (MATH 505)

**Assistant Professor**                      **Cardinal Stritch University**                      Fall 2000-Spring 2008  
Applied Statistics (MT120), College Algebra and Trig (MT209), Calculus I, II, and III (MT210, MT211, and MT212), Discrete Structures (MT/CS315), Geometry (MT320), Linear Algebra (MT325), Data Analysis (MT365/CS365/MT565), Mathematical Modeling (MT410), Abstract Algebra (MT425), Theory of Probability and Statistics (MT470), Introduction to Computer Science (CS107), Structured Programming with Visual Basic (CS201)  
Developed and taught Visual Mathematics, (MT140), a math course for art students

**Visiting Assistant Professor**                      **Monmouth College**                      Fall 1998 - Spring 2000  
Calculus II (MATH152), Linear Algebra (MATH241), Differential Equations (MATH254), Discrete Structures (MATH260), Introduction to Modern Algebra (MATH311), Introduction to Computer Science (COMP125), Structured Programming in Pascal (COMP161), Programming in C (COMP200)

**Assistant Instructor**                      **Indiana University**                      Fall 1992 - Spring 1998  
Teaching: College Algebra (M125 and M025), Calculus for Business and Social Sciences (M119), Mathematics for Elementary Education Majors (T104)  
Assisting: Calculus for Business and Social Sciences (M119), Calculus 1 (M215 and M211)

**Teaching Assistant**                      **Northwestern University**                      Fall 1989-Spring 1991  
Assisting: Calculus sequence

### Awards

*Who's Who Among America's Teachers*, 2004  
Project NeXT – Wisconsin Fellow

### Professional Memberships

Mathematics Association of America  
Clavius Group

### Publications:

*Euclid compiles a treatise on geometry, Elements, in Alexandria*, Great Events from History: The Ancient World (Rowena Wildin, ed.), Salem Press, 2004.

*A Survey of Knot Concordance*, Low-Dimensional Topology of Tomorrow, (Hitoshi Murakami, ed.), RIMS Kokyuroku, no. 1272, 2002.

*Knots of Ten or Fewer Crossings of Algebraic Order 2*, Journal of Knot Theory and Its Ramifications, vol. 11 (2002), no. 2, 211-222.

*Eudoxus*, Encyclopedia of the Ancient World (Thomas J. Sienkewicz, ed.), Salem Press, 2001

*Heron*, Encyclopedia of the Ancient World (Thomas J. Sienkewicz, ed.), Salem Press, 2001

### **Professional Presentations:**

“Perspective, Mathematics, and the Renaissance”, 2008 Joint Mathematics Meetings, San Diego, California, Jan. 6-9, 2008

“The mathematics of Fra Luca Pacioli”, 74th Annual Meeting of the Wisconsin Section of the MAA, UW Whitewater, April 21-22, 2006

“Harry Potter’s Potions Puzzle”, special session on *Nifty Examples in Discrete Mathematics*, MathFest 2005, Albuquerque, New Mexico, August 4-6, 2005.

“Twisted Alexander polynomials and representation varieties”, Topology Seminar, University of Buffalo, Feb. 22, 2002, and Université du Québec à Montréal, Mar. 8, 2002

“A Survey of Knot Concordance”, *Low-dimensional Topology of Tomorrow*, Kyoto, Japan, January 7-10, 2002

“A-polynomials and twisted Alexander polynomials”, 965th AMS Meeting, University of Nevada - Las Vegas, Las Vegas, NV, April 21-22, 2001

“Knot Concordance”, Topology seminars, University of Wisconsin – Milwaukee, Sept, 2000, and Marquette University, April, 2001

“Concordance of Classical Knots”, 942nd AMS Meeting, University of Nevada - Las Vegas, Las Vegas, NV, April 10-11, 1999

“Knots of Concordance Order Two,” 936th AMS Meeting, Wake Forest University, Winston-Salem, North Carolina, October 10, 1998

“Knot Theory”, St. Ignatius College Prep., Chicago, IL; April 24, 1998.

“Mazgų Teorija”, X-axis Mokslo ir Kurybos Simpoziumas [“Knot Theory”, 10th Symposium of Arts and Sciences], Chicago, IL, November 28, 1997.

### **Professional Activities**

Member, Research Advisory Board, Urban Ecology Center, Milwaukee, WI, August 2005 - present.

Member, editorial board, MAA Notes Series, January 2006 -present.

Member, Grants committee/Scholarship subcommittee, Lithuanian Foundation, February 2002 - present.

Textbook field testing:

- Crannell, Frantz. *Viewpoints: Mathematical Perspective and Fractal Geometry in Art*. for Princeton University Press. 2007.

- Calter. *Squaring the Circle: Geometry in Art and Architecture*. for Key College Publishing. 2004.
- Fenton, Reynolds. *College Geometry with The Geometer's Sketchpad*. for Key College Publishing. 2004.

Reviewer:

- *Linear Algebra: A geometric approach*, Thomas Shifrin and Malcolm R. Adams, W.H. Freeman.
- *Functions and Change: A Modeling Alternative to College Algebra*, Houghton Mifflin.
- *Using Recent History of Mathematics in Teaching Mathematics*, MAA Notes.
- *Historical Models, Their Development and Use: A Collection of Classroom Applications*, MAA Notes.