

Austin Mohr

University of South Carolina at Columbia
Department of Mathematics
LeConte College
1523 Greene Street
Columbia, SC 29208

Office: (803) 576-5946
Cell: (618) 922-9408
Email: mohrat@mailbox.sc.edu
Homepage: <http://www.austinmohr.com/>

Education

B.S. Mathematics, Southern Illinois University at Carbondale, 2007.

Honors: Summa Cum Laude, Outstanding Senior.

B.S. Computer Science, Southern Illinois University at Carbondale, 2007.

Honors: Summa Cum Laude, Outstanding Senior.

M.S. Mathematics, Southern Illinois University at Carbondale, 2008.

Thesis: Partitioning the Labeled Spanning Trees of a Graph into Isomorphism Classes

Committee: Thomas Porter (advisor), Lane Clark, and Norman Carver.

Ph.D. Mathematics, University of South Carolina at Columbia, *expected* 2012.

Publications

1. Some Applications of Spanning Trees in $K_{s,t}$ (with T. Porter and L. Clark), *Journal of Combinatorial Mathematics and Combinatorial Computing* **62** (2007), 139-146.
2. Applications of Chromatic Polynomials Involving Stirling Numbers (with T. Porter), *Journal of Combinatorial Mathematics and Combinatorial Computing* **70** (2009), 57-64.

Teaching

Southern Illinois University at Carbondale (Instructor of Record)

Intermediate Algebra, Fall 2007.

College Algebra, Spring 2008.

University of South Carolina at Columbia (Instructor of Record)

College Mathematics, Fall 2008.

Intensive College Mathematics, Spring 2009.

College Mathematics, Summer 2009.

Precalculus, Fall 2009.

Mathematics for Elementary Educators, Spring 2010.

Honors & Awards

Fellowships

SIUC Chancellor's Scholarship, Southern Illinois University at Carbondale, 2003–2007.

SIUC Master's Fellowship, Southern Illinois University at Carbondale, 2007–2008.

USC Doctoral Fellowship, University of South Carolina at Columbia, 2008–present.

Awards

Barry M. Goldwater Scholarship, Southern Illinois University at Carbondale, 2006.

Carl G. Townsend Memorial Scholarship in Mathematics, Southern Illinois University at Carbondale, 2005, 2006, 2007.

Outstanding Senior in Computer Science, Southern Illinois University at Carbondale, 2007.

NSF Graduate Research Fellowship Honorable Mention, Southern Illinois University at Carbondale, 2007.

Dean's List, Southern Illinois University at Carbondale, 2003–2008.

Honorary and Professional Societies

Pi Mu Epsilon, National Mathematics Honor Society, 2005.

Phi Kappa Phi, 2005.

American Mathematical Society, 2008 - Present.

Miscellaneous

Computer Skills

C, C++, HTML, Java, L^AT_EX, Lisp, Maple, Matlab, PHP, SQL.

References

Academics

Thomas D. Porter
Professor of Mathematics
University of Southern Illinois at Carbondale
(618) 453-6507
tporter@math.siu.edu

Norman F. Carver
Associate Professor of Computer Science
University of Southern Illinois at Carbondale
(618) 453-6048
carver@cs.siu.edu

Kenny Fong
Senior Lecturer in Computer Science
University of Southern Illinois at Carbondale
(618) 453-6032
kfong@cs.siu.edu

Matthew Miller
Professor of Mathematics
University of South Carolina at Columbia
(803) 777-3690
miller@math.sc.edu

Matthew Miller
Professor of Mathematics
University of South Carolina at Columbia
(803) 777-3690
miller@math.sc.edu

Teaching

Dr. George Parker
Associate Professor of Mathematics
Southern Illinois University at Carbondale
(618) 453-6569
gparker@math.siu.edu

Daniel Mussa
Lecturer in Mathematics
Southern Illinois University at Carbondale
(618) 453-6511
dmussa@math.siu.edu

Matthew Miller
Professor of Mathematics
University of South Carolina at Columbia
(803) 777-3690
miller@math.sc.edu

Mary Ellen O'Leary
Senior Instructor of Mathematics
University of South Carolina at Columbia
(803) 777-4303
oleary@math.sc.edu