

# Stephen Winburn

## CURRICULUM VITAE

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### EDUCATION:

University of Georgia: Ph.D. in Mathematics, Candidate,  
Advisor: Robert Rumely.  
University of Georgia: M.A. in Mathematics, 2006.  
Advisor: Robert Rumely.  
Augusta State University: B.S. in Mathematics, 2004.  
Augusta State University: B.B.A in Finance, 2000.

### TEACHING EXPERIENCE:

University of Georgia:  
Mathematics for Decision Making–Spring 2008, Fall 2008, Fall 2009,  
Spring 2011  
Calculus–Spring 2007, Fall 2007, Spring 2009, Spring 2010, Fall 2010.  
Differential Calculus Lab–Fall 2005, Fall 2006, Spring 2007.  
Integral Calculus Lab–Spring 2006.  
Pre-calculus–Fall 2006.

### TEACHING AWARDS AND CERTIFICATES:

University Outstanding Teaching Assistant, 2008.

### RESEARCH INTERESTS:

Rational dynamics and potential theory over nonarchimedean fields.

### MATHEMATICAL PRESENTATIONS:

*Lipschitz Bounds for Rational Functions defined over the Berkovich  
Projective Line over an Algebraically Closed and Complete Non-Archimedean Field.*  
AMS Contributed Paper session: Number Theory II, AMS/MAA Joint National  
Meeting, New Orleans, Louisiana, 2011.

*Oral Comprehensive examination: Equidistribution quantitative des points de petite hauteur sur la droite projective,*

Favre, Charles; Rivera-Letelier, Juan, *Math. Ann.* 335 (2006), no. 2, 311361.  
MR MR2221116 (2007g:11074). University of Georgia Arithmetic Geometry and Number theory seminar, Spring 2009.

*An Introduction to Dynamical Systems.*

University of Georgia Graduate Student Seminar, Summer 2007.

*Newman's Short Proof of the Prime Number Theorem.*

University of Georgia Arithmetic Geometry and Number theory seminar, Spring 2006.

#### PROFESSIONAL MEETINGS AND CONFERENCES ATTENDED:

Mathematics related:

AMS/MAA Joint National Meeting, New Orleans, Louisiana, January 6-9, 2011.

Arizona Winter School on quadratic forms,

University of Arizona, Tucson, Arizona, March 14-18, 2009.

Canadian Number Theory Association X Meeting,

University of Waterloo, Waterloo, Ontario, Canada, July 13-18, 2008.

Arizona Winter School on p-adic geometry,

University of Arizona, Tucson, Arizona, March 15-19, 2007.

AMS/MAA Joint National Meeting, New Orleans, Louisiana, January 5-8, 2007.

AMS/MAA Joint National Meeting, Atlanta, Georgia, January 5-8, 2005.

Professional Development:

Documenting the Graduate Teaching Experience: Developing a Teaching Portfolio, presented in three workshops, University of Georgia, January 31, February 14, February 28, 2011