

CONTACT INFORMATION	Department of Mathematics University of Wisconsin–La Crosse xxxx Cowley Hall La Crosse, WI 54601	(608) 785-xxxx (<i>voice</i>) (608) 785-6602 (<i>fax</i>) allen.rob3@uwlax.edu math.gmu.edu/~rallen2
RESEARCH INTERESTS	Operators Theory, Bloch Functions, Complex Function Theory, Potential Theory on Discrete Structures, Pattern Formation in Reaction-Diffusion Equations, Software Engineering of Mathematical Software.	
EDUCATION	<p>George Mason University, Fairfax, Virginia USA Ph.D. Mathematics, advisor: Flavia Colonna, May 2009. B.S. Mathematics with honors, magna cum laude, August 2003.</p> <p>University of Virginia, Charlottesville, Virginia USA M.S. Mathematics, January 2006. B.S. Computer Science, May 1994.</p>	
ACADEMIC EXPERIENCE	<p>University of Wisconsin–La Crosse, La Crosse, Wisconsin <i>Assistant Professor of Mathematics</i>, 2009 - present.</p> <p>George Mason University, Fairfax, Virginia <i>Graduate Instructor</i>, 2006-2009.</p> <p>University of Virginia, Charlottesville, Virginia <i>Graduate Instructor</i>, 2003-2006.</p>	
GRANTS, FELLOWSHIPS & AWARDS	<p>George Mason University</p> <ul style="list-style-type: none"> • Graduate Student Travel Fund award to attend the International Workshop of Operator Theory and its Application, Williamsburg, VA, 2008. • Research Fellowship supported by National Science Foundation Grant (DMS-0406231), <i>Complex Transient Patterns in Phase-Field Models</i>, 2007-2008. • Graduate Student Travel Fund award to attend the AMS Special Session on Banach Spaces of Analytic Functions, Durham, NH, 2006 • Mary K. Cabell Outstanding Mathematics Student Award, 2003. <p>University of Virginia</p> <ul style="list-style-type: none"> • Seven Society Outstanding Graduate Teaching Assistant Award semi-finalist, 2004. • GAANN Summer Research Grant, 2004 and 2005. • Edwin E. Floyd Graduate Fellowship, 2003. • Computer Science Undergraduate Education Award, 1994. 	
PUBLICATIONS	<p>Journal Articles</p> <ol style="list-style-type: none"> 1. Isometries and spectra of multiplication operators on the Bloch space (with Flavia Colonna), <i>Bulletin of the Australian Mathematical Society</i>, 79 (2009), 147–160. 2. On the isometric composition operators on the Bloch space in \mathbb{C}^n (with Flavia Colonna), <i>Journal of Mathematical Analysis and Applications</i>, 355(2) (2009), 675–688. 3. Multiplication operators on the Bloch space of a bounded homogeneous domain (with Flavia Colonna), <i>Computational Methods and Function Theory</i>, to appear. 4. Weighted composition operators on the Bloch space of a bounded homogeneous domain (with Flavia Colonna), <i>Operator Theory: Advances and Applications</i>, to appear. <p>Submitted Manuscripts</p> <ol style="list-style-type: none"> 5. Weighted composition operators between H^∞ and the Bloch space of a bounded homogeneous domain (with Flavia Colonna). 	

Theses & Dissertations

6. A class of operators acting on the Bloch space of a bounded homogeneous domain, *Ph.D. Dissertation*, George Mason University, May 2009.
7. Turing instabilities and spatial pattern formation in one dimension, *Undergraduate Honors Thesis*, George Mason University, August 2003.
8. The design and implementation of the C-- programming language, *Undergraduate Thesis*, University of Virginia, May 1994.

INVITED TALKS

National & International Conferences

1. "Multiplication Operators on the Bloch Space of a Bounded Homogeneous Domain", Joint AMS/MAA Mathematics Meeting, Special Session on Function Theoretic Operator Theory, Washington, DC, January 2009.
2. "Weighted Composition Operators on the Bloch Space on a Bounded Homogeneous Domain", International Workshop on Operator Theory and its Applications XIX, Special Session on Composition Operators, College of William & Mary, July 2008.
3. "On the Spectrum of an Isometric Composition Operator on the Bloch Space of the Polydisk", South Eastern Analysis Meeting XXIII, University of Richmond, March 2007.

Colloquia & Seminars

4. "Why I Should Have Paid More Attention in Linear Algebra", Math Department Colloquium, University of Wisconsin-La Crosse, February 2009.
5. "An Introduction to Lie Algebras and their Cohomology", Combinatorics, Algebra and Geometry Seminar, George Mason University, November 2008.
6. "Turing Instabilities in Reaction-Diffusion Equations: A Model for the Formation of Mammalian Coat Patterns", Applied & Computational Math Seminar, George Mason University, September 2008.
7. "Isometries on the Bloch Space", Graduate Student Seminar, George Washington University, April 2008.
8. "Isometric Composition Operators on the Bloch Space of the Unit Disk", Complex Analysis & Potential Theory Seminar, George Mason University, November 2007.
9. "Embeddings of Trees in the Hyperbolic Disk", Graduate Seminar, University of Virginia, November 2004.

OTHER TALKS

George Mason Graduate Seminar

1. "Multiplication Operators on the Bloch Space of the Unit Disk", September 2008.
2. "Interpolation of Bounded Analytic Function on the Unit Disk", February 2008.
3. "Weighted Composition Operators on the Bloch Space", September 2007.
4. "On the Spectrum of an Isometric Composition Operator on the Bloch Space of the Poly-disk", March 2007.
5. "The Bloch Space: Function- & Operator-Theoretic Perspectives", September 2006.
6. "A Glimpse Into Operator Theory" (2 talks), February 2006.

Clubs & Organizations

7. "A Hitchhikers Guide to Graduate School", Math Club, George Mason University, March 2007.

SERVICE

Department Service

- Organized the Fall Research Symposium, aimed to introduce graduate students to faculty research and help graduate students move towards getting an advisor.
- Lead the effort to expand the office space for graduate students in the department.

University Service

- Completed the Safe-Zone training.
- Tutor in the Mathematics Learning & Tutoring Center.

REFERENCES

Dr. Flavia Colonna
Department of Mathematical Sciences
George Mason University
Fairfax, VA 22030

Dr. Rebecca Goldin (teaching)
Department of Mathematical Sciences
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Dr. William Ross
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