

Curriculum Vita

Jason Boynton

CONTACT INFORMATION:

- Mailing Address: Department of Mathematics, 300 Minard Hall, North Dakota State University, Fargo, ND 58108-6050
- E-mail Address: jason.boynton@ndsu.edu
- Office Phone: 701-231-8728
- Home Phone: 701-293-6099
- Citizenship: USA

RESEARCH AREAS:

- Commutative Algebra, Factorization
- Dissertation Title--*Integer-valued Polynomials and Pullbacks of Arithmetical Rings*

EDUCATION:

- 2006 --- Ph.D. in Mathematics, Florida Atlantic University--(FAU)
- 1999 --- B.S. in Mathematics, Florida Atlantic University

PROFESSIONAL APPOINTMENTS:

- 2006-Present: Post-Doctoral Fellow, North Dakota State University--(NDSU)
- 1999-2006: Teaching Assistant, Florida Atlantic University
- 2000-2004: Yeshiva High School: College Preparatory Mathematics Instructor

RESEARCH PUBLICATIONS:

- *The n -generator property in rings of integer-valued polynomials determined by finite sets*, (with L. Klingler), *Archiv der Mathematik*, **86** (2006), 36-42

- *Pullbacks of arithmetical rings*, Communications in Algebra, **35** (2007), 2671-2684
- *Pullbacks of Prüfer rings*, Journal of Algebra, **320** (2008), 2559-2566
- *Local Prüfer properties of the total quotient ring*, submitted, 2008
- *Atomicity of certain pullback constructions*, preprint (with J. Coykendall)

TALKS PRESENTED AT MATHEMATICS MEETINGS:

- Invited to Special Session on Commutative Rings and Monoids, 1048th meeting of the American Mathematical Society, Raleigh, NC April 4-5, 2009
- Special Session on Commutative Rings, Joint Mathematics Meetings, Washington D.C. January 5-8, 2009 (presented by J. Coykendall)
- Special Session on Commutative Rings and Monoids, 1024th meeting of the American Mathematical Society, Davidson, NC, March 3-4, 2007
- Special Session on Commutative Algebra and Algebraic Geometry, 1015th meeting of the American Mathematical Society, Miami, FL, April 1-2, 2006
- Session on Algebra, Joint Mathematics Meetings, San Antonio, TX, January 12-15, 2009 (presented by L. Klingler)
- Weekend Algebra Conference, Hammond, LA, November 5-7, 2004

SEMINAR AND COLLOQUIUM TALKS:

- NDSU Algebra and Number Theory Seminar, October, 2008
- NDSU Departmental Colloquium, April, 2008
- University of Connecticut Algebra Seminar, hosted by Sarah Glaz, October, 2007
- NDSU Algebra and Discrete Mathematics Seminar, October, 2007
- NDSU Algebra and Discrete Mathematics Seminar, October, 2006
- FAU Algebra-Cryptography Seminar, April, 2006
- FAU Algebra-Cryptography Seminar, March, 2006

TEACHING EXPERIENCE:

- Instructor for Graduate Abstract Algebra--NDSU
- Instructor for Undergraduate Abstract Algebra--NDSU

- Introduction to Mathematical Reasoning--NDSU
- Instructor for Calculus 1 (Large Lecture)--NDSU
- Instructor for Calculus 2 (Large Lecture)--NDSU
- Instructor for Calculus 3--NDSU
- Instructor for Methods of Calculus--FAU
- Lecturer for Seminar in Algebraic Topology --FAU
- Instructor for College Algebra (Large Lecture)--FAU
- Instructor for Trigonometry--FAU
- Instructor for Pre-Calculus--FAU
- Instructor for Discrete Mathematics--FAU

UNDERGRADUATE RESEARCH DIRECTED:

- Jessica Cox, *Unitary ideals in rings of integer-valued polynomials determined by finite subsets*, NDSU, 2008
- Victoria Loe, *Multiplicative structure of rings of integer-valued polynomials determined by finite subsets*, NDSU, 2008

SERVICE:

- Referee for the Rocky Mountain Journal of Mathematics

REFERENCES:

- Jim Coykendall, Mathematics Department Chair, James A. Meier Professor, North Dakota State University, 701-231-8195, jim.coykendall@ndsu.edu
- Angela Hodge, Assistant Professor of Mathematics Education, North Dakota State University, 701-231-8480, angela.hodge@ndsu.edu
- Lee Klingler, Professor of Mathematics, Florida Atlantic University, 561-297-3257, klingler@fau.edu
- Fred Richman, Professor of Mathematics, Florida Atlantic University, 561-297-3340, richman@fau.edu
- Fred Hoffman, Professor of Mathematics, Florida Atlantic University, 561-297-

3340, hoffman@fau.edu