

BOJANA PEJIĆ JONES

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EDUCATION

- 2002–2007 University of Pittsburgh, Pittsburgh, PA
- Ph.D. in Mathematics (expected 2007)
Thesis title: *Uniqueness of Polish group topologies*
Thesis advisor: Dr. Paul Gartside
 - MA in Mathematics
 - GPA 4.0
- 1998–2002 University of Oxford, Oxford, UK
- MMath (Master of Mathematics)
 - BA in Mathematics

HONORS AND SELECTED AWARDS

- 2005–2006 University of Pittsburgh
- Andrew Mellon Fellowship, awarded by the Dean of the Faculty of Arts and Sciences for achievements in research.
- 2002–2003 University of Pittsburgh
- FAS-PBC Fellowship, awarded by the Faculty of Arts and Sciences to first year graduate students of exceptional promise.
- 2000 University of Oxford
- St. Hilda's College Prize in Mathematics, for outstanding work in class and tutorials.
- 1999-2001 University of Oxford
- Nuffield Scholarship, for achieving a First Class in Honour Moderations in Mathematics.
- 2001, 2000, 1998 University College London
- Third Prize (each time) in the International Mathematics Competition for University Students in Czech Republic, United Kingdom and Bulgaria, resp.
- 1996 Physical Society of Yugoslavia
- Second Prize in a nationwide Physics Olympiad for high school students
- 1995 Mathematical Society of Yugoslavia
- First Prize in a nationwide Mathematics Olympiad for high school students

PROFESSIONAL EXPERIENCE

Teaching Instructor University of Pittsburgh

- Math 0400 Discrete Mathematical Structures (Spring 2007)
- Math 0031 Algebra (Summer 2005)

Teaching Assistant University of Pittsburgh

- Math 2370 Matrices and Linear Operators (graduate level) (Fall 2006)
- Math 1230 The Big Ideas in Mathematics (Fall 2004)
- Math 1231 Internship in Math Education. Supervised undergraduate students through a mentoring project in Pittsburgh public schools (Fall 2004)
- Math 0220 Calculus and Analytic Geometry I (Fall 2006, Fall, Summer 2003)
- Math 0120 Business Calculus (Summer 2004)

Graduate Student Researcher University of Pittsburgh

- Assisted in developing 'The Big Ideas in Mathematics', a new undergraduate course. This was a part of an NSF funded project addressing the challenges currently faced in mathematics teacher education in Pennsylvania. (Spring & Summer 2004)
- Assisted in developing 'Mathematics for High School Teachers', a new graduate course for Ph.D. program in Mathematics Education. Also a part of the NSF funded project. (Spring & Summer 2005)

Grader University of Pittsburgh

- Math 1290 Topics in Geometry (Spring 2007)
- Math 2370 Matrices and Linear Operators (graduate level) (Fall 2006)
- Math 1230 The Big Ideas in Mathematics (Fall 2004)
- Math 1550 Vector Analysis and Applications (Fall 2003)

PAPERS

- *The complexity of the set of squares in the homeomorphism group of the unit circle*, submitted for publication (www.math.pitt.edu/~boka/research.html)
- *Uniqueness of Polish group topologies*, in preparation.

CONFERENCE AND SEMINAR PRESENTATIONS

- Invited talk at the New York Seminar on General Topology and Topological Algebra, March 2007
- Invited talk at the Carnegie Mellon University Logic Seminar, February 2007
- Invited talk at Baylor University, February 2007
- AMS Session on Geometry and Topology, II, Joint Mathematics Meetings, New Orleans, January 2007
- University of Pittsburgh Topology Seminar, October 2006
- Invited talk at the University of Louisville, March 2006
- Slippery Rock University Topology Meeting, February 2006
- University of Pittsburgh Topology Seminar, October 2005
- Summer Topology Conference in Granville, OH, July 2005

COMMUNITY SERVICE

- Graduate student representative in the Planning and Budget Committee, Department of Mathematics, University of Pittsburgh, 2006/07
- Judge for the Pittsburgh Public Schools Science Exposition, March 2006
- Assisted the Department of Mathematics, University of Pittsburgh, in creating the AMS advertisement for its Graduate Program
- St. Hilda's College representative in the Mathematics Undergraduate Representative Committee, University of Oxford, 1999/2000

COMPUTER SKILLS

- Maple, provided instruction for students in Calculus lab recitations
- C++, Java, HTML
- $\text{T}_{\text{E}}\text{X}$, $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$

LANGUAGES

- English, Serbian, elementary French

PROFESSIONAL MEMBERSHIPS

- Association for Women in Mathematics (AWM)
- American Mathematics Society (AMS)

REFERENCES

- Dr. Paul Gartside, Department of Mathematics, University of Pittsburgh, E-mail: gartside@math.pitt.edu
- Dr. Vladimir Uspenskiy, Department of Mathematics, Ohio University, E-mail: uspensk@math.ohiou.edu
- Dr. Robert Heath, Department of Mathematics, University of Pittsburgh, E-mail: rwheath@pitt.edu
- Dr. Frank Beatrous, Department of Mathematics, University of Pittsburgh, E-mail: beatrous@pitt.edu