

# William L Adamczak

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## EDUCATION

2008 (Expected) - Ph.D. Mathematics, University at Albany,  
SUNY, Albany, NY, *Advisor*: Cristian Lenart  
2005 - M.A. Mathematics, University at Albany, SUNY, Albany, NY  
2003 - B.S. Mathematics, University at Albany, SUNY, Albany, NY

## RESEARCH INTERESTS

Representation Theory, Algebraic Combinatorics

## PUBLICATIONS AND PREPRINTS

*The Alcove Path Model and Young Tableaux*  
joint with C. Lenart, in preparation.

*A note on graphs resistant to quantum uniform mixing*  
joint with K. Andrew, P. Hernberg, C. Tamon, preprint.  
[arxiv.org/PS\\_cache/quant-ph/pdf/0308/0308073.pdf](http://arxiv.org/PS_cache/quant-ph/pdf/0308/0308073.pdf)

## CONFERENCES AND WORKSHOPS ATTENDED

*Discrete Math Day*  
University at Albany, Albany, NY, March 2006.

*1009th AMS meeting*  
Bard College, Annandale-on-Hudson, NY, October 2005.

*Albany Group Theory Conference*  
Rensselaerville Institute, Rensselaerville, NY, October 2004.

## RESEARCH EXPERIENCE

REU Clarkson/SUNY Potsdam  
Advisor: C. Tamon, Summer 2003

Research Assistant, University at Albany  
Advisor: C. Lenart, Summer 2006

## TEACHING EXPERIENCE

Teaching Assistant, University at Albany  
Fall 2003 - Spring 2007

**University at Albany, Albany, NY**  
*Mathematics Department*  
Math 101  $\diamond$  Algebra and Calculus I  $\diamond$  Spring 2005

Math 111  $\diamond$  Algebra and Calculus II  $\diamond$  Spring 2007

Math 112  $\diamond$  Calculus I  $\diamond$  Fall 2004

Math 113  $\diamond$  Calculus II  $\diamond$  Fall 2005, Fall 2006

Math 214  $\diamond$  Calculus of Several Variables  $\diamond$  Spring 2006

In each of these courses I was responsible for writing the syllabus that outlined the course, creating a lesson plan for each class, choosing exercises for assignments and writing exams, including the final exam.

#### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Mathematical Society