

Giovanna Llosent

Department of Mathematics
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Education

Ph.D., Mathematics, The University of Iowa, July 2007

- Advisor: Dr. Frauke Bleher
- Thesis title: Stable endomorphisms and Ext groups for the symmetric group S_4

M.S., Mathematics, The University of Iowa, September 2006

Licenciatura (equivalent to Master's), Mathematics Education, The University of Costa Rica, September 2002

B.A., Mathematics Education, University of Costa Rica, September 1999

Research

Interests

Local Representation Theory, Representations of Finite Symmetric Groups, Universal Deformation Rings, Special Biserial Algebras, String Algebras, Mathematics Education, Cognitive Science.

Presentations

Stable Endomorphisms in characteristic two for the symmetric group S_4 , Joint Mathematics Meetings, January 2007

The Stable Endomorphism Group of Non-simple String Modules over a very particular Finite Dimensional Algebra, James F. Jakobsen Conference, May 2006.

Endomorphism Rings of String Modules over Fields of Characteristic Two, MAA Sectional Meetings at Iowa State University, April 2006.

An Introduction to Special Biserial Algebras. Graduate Student Seminar, University of Pennsylvania, March 2005

Teaching Experience

- 2007 (September) - Present California State University
San Bernardino, CA
 - Tenure-track Faculty*
 - Instructor
 - Calculus I, Mathematics for Educators
 - Responsibilities: planning and delivering lectures, writing and grading exams and quizzes, choosing homework, assigning course grades
- 2002 – 2004 (Aug - July) and 2005 – 2007 (June - May) University of Iowa
Iowa City, IA
 - Graduate Teaching Assistant and Research Assistant*
 - Discussion Leader
 - Introduction to Abstract Algebra (undergraduate course for mathematics majors)
 - Calculus for Business, Calculus for Biological Science, Multivariable Calculus for Engineering, Calculus I.
 - Responsibilities: holding one or two weekly discussion sections, writing and grading quizzes, grading homework, giving individual assistance in departmental math lab
 - Instructor
 - Basic Algebra II
 - Responsibilities: planning and delivering lectures, writing and grading exams and quizzes, choosing homework, assigning course grades
 - Leader
 - Comprehensive Exam Preparation Seminar in Algebra
 - Workshop on Using Mathematica in the Teaching of Multivariable Calculus for Engineering
- 2006 (Fall) -2007 (Spring) Kirkwood Community College
Iowa City, IA
 - Adjunct Faculty*
 - Instructor
 - Pre-Calculus II, Calculus I, Pre-Calculus for Business
 - Responsibilities: planning and delivering lectures, writing and grading exams and quizzes, choosing homework, assigning course grades

- 2004 (Fall) – 2005 (Spring) University of Pennsylvania
Graduate Teaching Assistant and Research Assistant Philadelphia, PA
 - Discussion Leader
 Calculus I
 Responsibilities: holding one weekly discussion section, writing and grading quizzes, grading homework
- 1995 – 2002 University of Costa Rica
Teaching Assistant and Research Assistant in the Mathematics And Education Departments San Jose, Costa Rica
 - Leader
 Professional Practice in Mathematics Teaching
 Responsibilities: supervising class preparation and lectures, meeting to discuss teaching observations 3 times a week, evaluating teaching performance.
 - Research Assistant in the Mathematical and Meta-mathematical Research Center
 Edition of Secondary School Text Books, organization of the National Symposium in Mathematics, Science and Society
- 1995 – 2002 Maria Auxiliadora Secondary School, San Vicente Educational Complex, High School of Heredia, Technical and Professional High School of Pacayas Costa Rica
Mathematics and Physics Teacher
 - Classroom teacher: Mathematics for 4th, 5th and 6th grades (Primary school), and 7th through 11th grade (Junior high and High school) .
 Physics for 10th grade.

Additional Educational Experiences

Awards

University of Iowa Outstanding Teaching Award: 2006

Catharine Wegner Outstanding Mathematics Teaching Assistant Award: 2005

Nomination, University of Iowa Outstanding Teaching Award: 2005

Honors Student at the University of Costa Rica during Graduates Studies in Mathematics Education 2000 and 2001.

Conferences Attended

XI Applied Mathematics International Symposium, University of Costa Rica, February 1998

First Mathematics Festival, University of Costa Rica, September 1998

IX and X Mathematics, Science and Society Symposium, University of Costa Rica, Dec 1998, Dec 1999

National Mathematics Education Meetings, Ministry of Education, November 1999

Workshops Attended

Workshop on Using Mathematica in the Teaching of Calculus, University of Iowa, July 2003

Professional Memberships

American Mathematical Society

Mathematical Association of America

References

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Bor-Luh Lin

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Fred Goodman

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Jonathan Simon, (teaching reference)

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