

RICHARD WICKLEIN

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EDUCATION Ph.D. in Mathematics (expected)
North Dakota State University, May 2013
Advisor: Sean Sather-Wagstaff
Codualizing Modules And Complexes

B.S. in Mathematics Education
Mount Mercy College, Cedar Rapids, IA, May 2006

EMPLOYMENT Graduate Teaching Fellow, North Dakota State University,
Fall 2010 to Present
Graduate Teaching Assistant, North Dakota State University,
Fall 2007 to Fall 2010

RESEARCH INTERESTS Commutative algebra, homological algebra, DG-algebras

PAPERS *Codualizing Modules And Complexes* with S. Sather-Wagstaff. In preparation.

CONFERENCE TALKS AND PRESENTATIONS

- *Codualizing Complexes.*
Twenty minute talk at the American Mathematical Society (AMS) sectional meeting in Ames, IA April 2013
- *Codualizing Modules and Complexes.*
Forty minute talk at the KUMUNU, Jr. in Lincoln, NE April 2013
- *Codualizing Modules and Complexes.*
Poster presentation at Further Connections Between Algebra and Geometry in Fargo, ND February, 2013
- *Codualizing Modules.*
Ten minute talk at the American Mathematical Society (AMS) Joint Meetings in San Diego, CA January 2013
- *Codualizing Modules.*
Twenty minute talk at the American Mathematical Society (AMS) sectional meeting in Akron, OH October 2012

SEMINAR TALKS

- *Three Talks on David Eisenbud's Paper "Homological Algebra On A Complete Intersection, With An Application To Group Representations"*
Eisenbud Seminar at NDSU, Fall 2011
- *A connection between the Koszul complex and Tor*
Algebra and Discrete Math Seminar at NDSU, April 2011

- CONFERENCES ATTENDED
- AMS Joint Meetings in San Diego, CA. January 2013.
 - AMS Sectional Meeting in Akron, OH. October 2012.
 - KUMUNU, Columbia, MO. September 2012.
 - Workshop on connections between algebra and geometry. University of Regina, SK. May 2012.
 - AMS Central Sectional Meeting, Lawrence, KS. March 2012.
 - AMS Central Sectional Meeting, Lincoln, NE. October 2011.
 - AMS Central Sectional Meeting, Iowa City, Iowa. April 2011.
 - KUMUNU, Lincoln, NE. March 2011.

TEACHING EXPERIENCE

North Dakota State University, Fargo, North Dakota

Courses Taught As Primary Instructor

- College Algebra- Fall 2011 (2 sections)
- Introduction to Linear Algebra- Fall 2009, Spring 2010, Fall 2010 (2 sections), Fall 2012 (2 sections), Spring 2013 (2 sections)
- Basic Linear Algebra- Summer 2008, Fall 2009 (2 sections), Spring 2010 (2 sections), Fall 2010, Spring 2011 (2 sections), Spring 2012, Fall 2012, Spring 2013
- Calculus I- Summer 2010
- Calculus II- Summer 2009
- Differential Equations- Summer 2011

Courses Taught As Recitation Instructor

- Calculus I- Fall 2007 (3 sections), Spring 2009, Spring 2012
- Calculus II- Spring 2008 (2 sections), Fall 2008 (2 sections)
- Calculus III- Spring 2009

Upper Level Courses Served As Grader

- Abstract Algebra I- Fall 2012
- Linear Algebra- Fall 2010

AWARDS

Graduate teaching award for the Department of Mathematics, Spring 2011

UNIVERSITY SERVICES

- Committee member for textbook review of Math 128/129: Introduction to Linear Algebra/ Basic Linear Algebra
- Committee member for hiring open lecturer position in mathematics at North Dakota State University

PROFESSIONAL MEMBERSHIPS

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