

Deborah L. Ives, Ed.D.

Visiting Assistant Professor, Coordinator: Student Teachers
Department of Mathematical Sciences
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EDUCATION

Kean College of New Jersey, B. A., February 1975, Accelerated Program (2.5 years)
Montclair State University, M.A.T. in Mathematics, May 1991, summa cum laude
Montclair State University, Ed.D. in Pedagogy in Mathematics, 2003:
Dissertation Committee Members: Evan Maletsky, Max Sobel, James Fey, Tamara Lucas

AWARDS

Max Sobel Award: New Jersey Outstanding Mathematics Educator 2013:
Association of Mathematics Teachers of New Jersey
National Academy of Television Arts & Science Daytime Emmy Awards Nominee 2013
Alpha Pi Chapter/Alpha Epsilon Lambda of Kean University:
Honorary Membership Award and Keynote Speaker, May 2009
Solomon Smith Barney Young Investor's National Competition 2002, Advisor, 1st Place
New Jersey Governor's Teacher Recognition Award 1992

CERTIFICATION

State of New Jersey Certificate: Teacher of Mathematics 1987
State of New Jersey Certificate: Teacher of Elementary Education 1991
State of New Jersey Certificate: Supervisor 1993

PROFESSIONAL MEMBERSHIPS

National Council of Teachers of Mathematics, National Council of Supervisors of Mathematics
Association of Mathematics Teachers of New Jersey, Association of Math Teacher Educators
Association for Supervision and Curriculum Development, North Jersey Supervisors Roundtable
New Jersey Principals and Supervisors Association, New Jersey Education Association

EDUCATIONAL EXPERIENCE: POST-SECONDARY

9/4/12 – present	Visiting Assistant Professor, Montclair State University, Montclair, NJ <ul style="list-style-type: none">• MTHM 505: Number and Operations• MTHM 506: Algebra and Algebraic Thinking• MTHM 509: Measurement• MATH 470: Teaching of Mathematics• MATH 513: Technology in the Mathematics Classroom• MATH 519: Teaching of Mathematics• MATH 570: Administration and Supervision of Mathematics• MATH 571: Curriculum Construction in Math• MATH 572: Contemporary Trends in Math• MTHM 201: Mathematics in Elementary Schools I• MTHM 302: Mathematics in Elementary Schools II
1/17/12 – 5/9/12	Adjunct Professor: Montclair State University, Montclair, NJ <ul style="list-style-type: none">• MATH 575: Selected Topics in Math Education• MTHM 302: Mathematics in Elementary Schools II
9/08/11 – 12/22/11	Adjunct Professor, MTHM 201: Mathematics in Elementary Schools I Montclair State University, Montclair, NJ

- 2/01/11 – 5/01/11 **Adjunct Professor, EE-212-JS: Teaching Mathematics in the Elementary School**
St. Peters College, Jersey City, NJ
- 1/24/09 – 3/12/09 **Mathematics Praxis Prep Instructor: Grades 5-8 Specialization**
Livingston Professional Development Academy, Livingston, NJ
- 5/22/07 – 6/28/07 **Adjunct Professor, Pre-Session Course: ED 651 Math, Science: Curriculum and Instruction for Elementary Education**
College of Saint Elizabeth, Morristown, NJ
- 6/2/86 – 6/13/86 **Adjunct Professor, PreSession: Statistics 109**
Montclair State University, Montclair, NJ
- 1/9/86 – 5/12/86 **Teaching Assistant: Math for Business II**
MSC Grad Assistant: Supervisor for Math Tutor Center
Montclair State University, Montclair, NJ

EDUCATIONAL EXPERIENCE: PRE-SERVICE/NEW TEACHERS

- 9/1/12 - present **Coordinator Mathematics Education Student Teachers**
Montclair State University, Montclair, NJ

Cooperating teacher/Supervisor of cooperating and pre-service teachers:

Traditional and Alternate Route: Kinnelon, West Milford, Pemberton, Morristown, NJ;
Middle School and High School Mathematics

Mentor Teacher:

Kinnelon, Morristown; Middle School and High School Mathematics

GRANTS AND FUNDED RESEARCH

- 2009 – 2013** Next Generation Learning Challenge/Bill and Melinda Gates Foundation Grant
(2011 - 2012), Moody Foundation (2009 – 2011)

WNET/Thirteen PBS New York, www.getthemath.org

Co-Principal, Grant Writer, Lead Content Advisor, Curriculum and Lesson Design for Educational Multimedia Project, *Get the Math!* The project is designed to help middle and high school students develop algebraic reasoning and sense making.

Research Design and Implementation (see partner schools) through Educause, Inc, and MediaKidz, Teaneck, NJ.

- 2005 - 2006** New Jersey State Systemic Initiative (NJ SSI) Professional Development Grant for Standards-based Mathematics for West Milford Public Schools

Co-Principal, Grant Writer, Lead Content Advisor, Curriculum and Lesson Design

TEACHING/SUPERVISORY EXPERIENCE: K-12

- 9/01/10 – 05/01/11 **Instructional Leader/Coach in Mathematics**
Morristown High School, Morristown, NJ (*Retired*)
- 9/01/09 – 6/30/10 **STEM (Science, Technology, Engineering, and Math) Academy Facilitator; NJ DOE High Schools That Work (Abbott District) Leadership Team, Teacher of Mathematics**
Pemberton Township High School, Pemberton, NJ
(*Reappointed; family relocation north*)

- 11/12/07 – 6/30/09 **K-8 Supervisor of Mathematics**
Livingston Public Schools, Livingston, NJ
(*Position eliminated; family relocation south*)
- 9/01/06 – 11/07/07 **Grades 6-12 Supervisor/Teacher of Mathematics/Computer Science**
Ridgewood Public Schools, Ridgewood, NJ (*Reappointed*)
- 7/27/03 – 6/30/06 **K-12 Supervisor of Mathematics/Computer Science**
West Milford Twp. Public Schools, West Milford, NJ
(*Approved for Tenure 4/06*)
- 9/1/87 – 6/1/03 **Teacher of Mathematics, Team Leader, Mentor Teacher**
KHS: Algebra I, Finite Math, Senior Math Survey;
Pearl R. Miller Middle School: Grades 6-8, Algebra I
Kinnelon Public Schools, Kinnelon, NJ

EDUCATIONAL CONSULTING ACTIVITIES

2014 – 2015 Sustained Professional Development

Grades 2-5, Elementary and Special Education Teachers Clifton Public Schools, Clifton, NJ
Grades 3-8, Alg I HS, General Ed and Special Education Bayonne Public Schools, Bayonne, NJ

2012 – 2014 Sustained Professional Development

Grades 2-5, Elementary and Special Education Teachers Garfield Public Schools, Garfield, NJ

2011 – 2012 Sustained Professional Development

Grades K-2, 3-5, & Special Education Teachers Bergenfield Public Schools, Bergenfield, NJ
Grades 3-5, 6-8, & Special Education Teachers Elizabeth Public Schools, Elizabeth, NJ
Grades 6 – 8, & Special Education Teachers Monroe Twp. Public Schools, Monroe Twp., NJ
Grades 8 – 12, & Special Education Teachers Newton Public Schools, Newton, NJ

WNET/Thirteen *Get The Math* Partner Schools

Grades 7-12, Special Education/ELL Teachers Berlin Public Schools, Berlin, NJ
Bergenfield Public Schools, Bergenfield, NJ
Bloomfield Public Schools, Bloomfield, NJ
Gibbsboro Public Schools, Gibbsboro, NJ
Morristown Public Schools, Morristown, NJ
North Arlington Public Schools,
North Arlington, NJ
Pemberton Public Schools, Pemberton, NJ
Pennsauken Public Schools, Pennsauken, NJ
The Pingry School, NJ
Westwood Public Schools, Westwood, NJ
Verona Public Schools, Verona, NJ

2011 – 2014 Full-Day Professional Development Workshops

- Bayonne Public Schools, Common Core Professional Development (6 days), June 2014
- 2013 Kansas City Regional Mathematics Technology EXPO, Invited Keynote Speaker
University of Missouri, Kansas City, MO, October 4 - 5, 2013
- Rutgers Center for Discrete Mathematics and Theoretical Computer Science (DIMACS)
Professional Development Consultant/Presenter Grades K-12, 2011 - 2015
- Montclair State University PRISM
Professional Development Consultant/Presenter Grades 3-8, 2014-2015
- North Arlington Public Schools, Common Core Professional Development Day October 2013

- North Bergen Public Schools, Common Core Professional Development Day, Winter/Fall 2014
- Association of Math Teachers of New Jersey *PD on Demand* 2011 – 2013
- WNET/Thirteen *Get The Math* PBS Local Station State-wide (Televised) Teacher Trainings
Louisiana Public Broadcasting (LPB), Baton Rouge, Louisiana
PBS SoCal (KOCE), Orange County, California
University of North Carolina PBS (UNC-TV), Research Triangle Park, North Carolina
WNET/Thirteen, Sony Wonder Lab, New York City, NY

PROFESSIONAL ACTIVITIES

Association of Math Teachers of New Jersey

- 2011- present: Board of Trustees: Past President, Historian, Co-Chair Centennial 2014 Anniversary Committee
- 2008-2015: Co-Chair, Speaker for *Special Education/Mathematics: Preparing for State Standards and Assessment K-12*
- Winter 2013: Co-Presenter, NBC Learn/AMTNJ Joint Webinar, *Math and the Olympics*
- 2011 – 2013: Professional Development Consultant: AMTNJ PD on Demand
- 2007-2008: Past President, Speaker, Communication Liaison
- 2006-2007: Past President, Conference Co-Chair 2007 Annual Conference
- 2005-2006: *President of AMTNJ*
- 2004-2005: President-Elect. Program Chair Annual Two-Day Conference.
- 2003-2004: First Vice President. Speaker at NJ ASK Conference.
- 2002-2003: AMTNJ Second Vice President. Conference and Program Chair for Spring Regional Conferences held at Montclair State University, Rowan University, TCNJ
- 2001-2002: AMTNJ Third Vice President. Duties included Affiliate Liaison and Math Program Chair for NJEA Convention.
- 1998-2001: Member-At-Large, North

National Council of Teachers of Mathematics/National Council of Supervisors of Mathematics

- 2014: Conference Speaker: NCSM Annual, New Orleans, LA
- 2013: Conference Speaker: NCTM Regional, Baltimore, MD
- 2012: Webinar Presentation: Reasoning and Sense Making in MS & HS Math
- 2011: Publicity Chair/Speaker: NCTM Regional, Atlantic City, NJ
- 2010: Conference Speaker: NCTM Regional, Baltimore, MD
- 2007: Conference Speaker: NCTM Annual, Atlanta, GA
- 2006: Co-Chair, NCTM Eastern Regional Conference, Atlantic City, NJ
- 2005: New Jersey State Delegate: NCTM Annual, Anaheim, CA
- 2004: Conference Speaker: NCTM Annual, Philadelphia, PA
- 2001: Workshop Support Chair, Speaker: NCTM Regional, Somerset, NJ
- 2000: Conference Speaker: NCTM Regional, Philadelphia, PA
- 1998: Conference Presider: NCTM Regional, Washington, DC

State of New Jersey, Department of Education

- 2012-13: *Scaffolding for Learning*, Department of Special Education Advisor
- 2009: K-12 Math Task Force Member
- 2008 – 2009: SRA (Special Review Assessment) Advisory Council Member
- 2008: K-12 Standards Clarification Project Phase II: NJ Steps Algebra I, Geometry, and Algebra II Mathematics Panel Member
- 2007-2008: K-12 Standards Clarification Project Phase I: Understanding by Design Mathematics Panel Member
- 2006: ADP/Achieve Math Standards Alignment Team Member
- 2004-2006: NJ ASK Proficiency-Setting Panelist, Grades 5-7; Grade 3

Additional Projects

- Texas Instruments T³ International Technology Conference *Get the Math! Exhibit* 03/12
- Webinar Presentation: Next Generation Learning Challenge *Get the Math!* 03/12
- Webinar Presentation: Education Week: *The STEM Teacher as Project Manager* 07/11
- Evaluation of Mathematics Remediation Program, Morristown High School, Morristown, NJ (prior to full-time position, Spring/Summer 2010)
- New Jersey Performance Assessment Alliance (NJPAA) – Regional Scorer and teacher-administrator for Algebra I and Grade 6 Performance Tasks
- Curriculum Development and Writing In-District K-12 (list of districts upon request)
- Morris County Mathematics Alliance, County College of Morris - Workshop Presenter
- Morris Union Jointure Commission, New Providence, NJ - Workshop Presenter
- FANS Workshop Leader: New Jersey Mathematics Coalition, Rutgers, NJ
- Standards Dissemination Project: New Jersey Mathematics Coalition, Rutgers, NJ
 - 1997 – 2000 Selected as staff member for a project to develop and present New Jersey Core Curriculum Content Standards workshops for teachers throughout the state.
- Stevens Institute of Technology CIESE Project
 - 1993-1996: Participated in three-year “mentor” project to develop and share technology-based mathematics lesson plans with teachers in NJ.

REFERENCES

Furnished upon request.