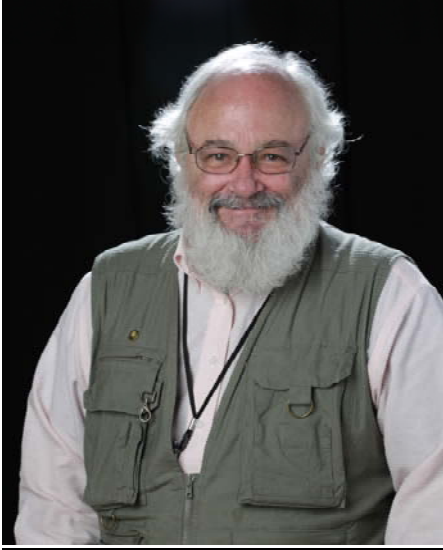


Steve Watson, Ph.D.

stevewatson@jmap.org



EDUCATION

Ph.D. Urban Education (STEM) (2010)

- Graduate Center of the City University of New York, Manhattan, NY
 - Dissertation: Stability and Change in New York State Regents Mathematics Examinations, 1866-2009: a Socio-Historical Analysis
 - Chancellor's Fellow

MS Ed. Mathematics Education (2005)

- Brooklyn College, Brooklyn, NY
 - Graduate Honors

MS Ed. Counseling (1973)

- Purdue University, West Lafayette, IN
 - Faculty Advisor – Owen Residence Hall

BA Speech Communications (1972)

- Purdue University, West Lafayette, IN

Certificates in: 1) Instructional Systems Design; and 2) Behavioral Sciences (1977)

- Baylor University, San Antonio, TX campus

WORK EXPERIENCE

New York City Department of Education (2003-Present)

- Permanent New York State certification in mathematics for grades 7-12
 - Accredited as a Master Teacher in Mathematics by:
 - New York State Master Teacher Program (2014 Cohort)
 - Math for America (MfA) (2013 Cohort)

International High School at Prospect Heights (IHSPH) (2006-Present)

A Progressive Redesign Opportunity School for Excellence (PROSE) School

- Teach New York State high school mathematics curricula to recent immigrants to America who are English Language Learners.
 - School Leadership Team & Team Leaders Committee (2009-2015)
- Chair of School Leadership Team (2010-2013)

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FDR High School (2004-2006)

- Taught New York State high school mathematics curricula

Thomas Jefferson High School (2003-2004)

- Taught New York State high school mathematics curricula

The City University of New York (CUNY) (2006-2015)

- Graduate Teaching Assistant, Adjunct Lecturer, and Adjunct Assistant Professor of Mathematics Education.
- Academic sponsor for over 150 capstone research projects in mathematics education.

City College of New York

Graduate courses taught include:

- EDSE 6103E: *Teaching and Learning High School Mathematics*
- EDSE 6102E: *Teaching and Learning Middle School Mathematics*
- EDSE 0201I: *Action Research in Mathematics Education*
- EDSE 7201I: *Action Research in Mathematics Education (Hybrid)*

Brooklyn College

Graduate courses taught include:

- ED 701.23T: *Seminar: Applied Theory in Mathematics Education (Parts 1 & 2)*
- ED 725.03T: *Teaching Mathematics in Middle School*
- ED 763.03T: *Seminar: Pedagogy: Middle Childhood & Adolescent Mathematics (Parts 1 & 2)*
- ED 765.2: *Methods for Teaching Number and Algebra in Grades 5-9*
- SEED 7464T: *Advanced Seminar in Pedagogy and Curriculum: Middle Childhood & Adolescent Mathematics*

Financial Services Industry (highest positions shown) (1978-2002)

- Senior Vice President, Gov. & Industry Relations (*AIG/American General*)
- Senior Vice President, Chief Administrative Officer, and Board Member
 - *United States Life Insurance Company (An American General Company)*
 - *American General Life Insurance Company of New York*

United States Army (1975-1978)

- Meritorious Service Medal (1978): Presented to members of the United States Armed Forces who distinguish themselves by outstanding meritorious achievement or service to the United States.
 - Advanced Individual Training (AIT) Instructor: United States Academy of Health Sciences, Behavioral Sciences (Social Work/Psychology) Department
 - Medic (MOS 91G20), Delta Company, 48th Medical Battalion, 2nd Armored Division, 3rd U.S. Army

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PUBLICATIONS & PRESENTATIONS

- Sibol, S., & Watson, R.S., (2004) The Jefferson Math Project [Online] www.jmap.org
- Sibol, S., Watson, R.S., & Pereira, M. (2005, March) JMAP 611. Presentation to the “Fellows at Five” conference of the New York City Teaching Fellows, New York City.
- Watson, R.S., (2007, September). Acres of Diamonds in New York’s High Stakes Testing Environment; Empowering Educators via the Internet. Mathematics Teaching-Research Journal [Online] Volume 2, Issue 1.
- Watson, R.S. (2010). Stability and Change in New York State Regents Mathematics Examinations, 1866-2009: a Socio-Historical Analysis. UMI Dissertation Publishing, UMI number 3433796.
- Watson, R.S., Semel, S. & Sadovnik, A. (2010, July). Changes in mathematics curricula: a socio-historical analysis of mathematics education in the public schools of New York (1866-2010). Paper presented at the Sixth International Basil Bernstein Research Symposium in Brisbane, Australia.
- Watson, R.S., Semel, S. & Sadovnik, A. (2011, April). A Bernsteinian Analysis of Mathematics Education in the New York State Public Schools. Paper presented at the American Educational Research Association (AERA) National Convention, New Orleans, LA.
- Watson, R.S., (2011, November) International High Schools Mathematics. Presentation at the Internationals High School Network for Public Schools Annual Professional Development Symposium, Manhattan, NY.
- Watson, R.S., (2012, October) A Socio-Historical Analysis of NY Regents Examinations in Mathematics. Presentation at the Association of Mathematics Teachers of New York State annual convention, Rye, NY
- Watson, R.S. & Uy, A., (2012, November) Action Research with English Language Learners. Presentation at the Internationals Network of Public Schools Annual Professional Development Symposium, Manhattan, NY
- Watson, R.S., (2013, November) Regents Level Mathematics in the 1860s: the Mathematics Taught in New York’s Elementary Schools. Presentation at the Association of Mathematics Teachers of New York State annual convention, Buffalo, NY
- Watson, R.S., (2015, March) The Regents Advanced Arithmetic Curriculum; New York’s Early Emphasis on Problem Solving. Presentation at the Long Island Mathematics Conference (LIMACON), Old Westbury, NY
- Watson, R.S., Councilman, T., and Shube, J. (2015, August), Action Research. Presentation and Workshop at the 2nd Annual Ashokan Summer Retreat for the New York State Master Teacher Program/Math for America, The Ashokan Center, NY.
- Watson, R.S. & Hsu, B., (2015, October & November), A History of the NY Math Regents Examinations Through Problem Solving. Mini-Course for Math for America (MfA), New York City.
- Watson, R.S. (2015, November) The Challenges of New York’s Common Core Algebra I Regents Examination for English Language Learners: Developing Effective Pedagogies and Resources for Addressing. Presentation at the Internationals Network of Public Schools Annual Professional Development Symposium, New York

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GRANTS

- *Stepping Up the International High School Approach to Mathematics Instruction for English Language Learners*. Michael Jordan Fundamentals Grant (2010-2011)
- *New York Commencement Level Mathematics for English Language Learners*. Michael Jordan Fundamentals Grant (2007-2008)
- *Mathematics in the Park*, Michael Jordan Fundamentals Grant (2006-2007)

MEMBERSHIPS

- American Educational Research Association (AERA)
- Association of Mathematics Teachers of New York State (AMTNYS)
- Delta Sigma Rho – Tau Kappa Alpha (intercollegiate debating and forensic honorary)
- Disabled American Veterans (DAV)
- Honorable Order of Kentucky Colonels
- Master Teacher: Math for America (MfA): (2013 Cohort)
- National Council of Teachers of Mathematics (NCTM)
- New York City Department of Education High School Mathematics Curriculum and Textbook Selection Committees (2006-2010)
- New York City Teaching Fellows: (2003 Cohort 6)
- New York State Master Teacher Program (NYC 2014 Cohort)
- Omicron Delta Kappa (collegiate leadership honorary)