

Mark Roddy, Ph.D. - Teacher Education
Master in Teaching Program

College of Education – Seattle University
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Associate Professor of Education
Seattle University - Appointed Fall, 1992
Tenured Fall, 1998

EDUCATION

Ph.D. Mathematics Education University of Washington 1992
Dissertation: "Secondary Mathematics Teachers' Conceptions of Connections"

M.S. Atmospheric Sciences University of Washington 1987

B.S. Mathematics University of California, Riverside 1981

EXPERIENCE

1998 – present Seattle University, associate professor of education

2014, Fall Semester University of Western Sydney, Australia, Casual Academic Tutoring and Lectures

2005, Fall Semester University of Western Sydney, Australia, Visiting associate professor

2000, Fall Semester

1982 - [REDACTED] High School, mathematics teacher

SELEC [REDACTED] S (last 10 years only)

Roddy, M. (2015). Who needs to learn Maths? Thoughts about who we do in the *Australian Mathematics Teacher*. 73 (3) 4-20

Roddy, M. and Behrend, K. (2015). *Grow Beasts: Growing mathematical understanding*. 1982

Active Practices: Making some of the CCSSm practices a little more engaging
<http://mathematizing.wikispaces.com/>

WSTA State Conference
October, 2015

Shoreline, WA

Fitbits, Light Probes and Zillow: Quantification and the NGSS & CCSSM

National Science Teachers Association (NSTA) Annual Conference
March, 2015

Chicago, IL

*Middle School Motivation and Meaning
at the Active Intersection of the NGSS and CCSS Mathematics*
<http://mathematizing.wikispaces.com/>

NCTM Annual Conference New Orleans, LA
April, 2014

Middle School Math Sightings
<http://mathematizing.wikispaces.com/>

NSTA Area Conference
October, 2013

Portland, WA

Seeing Math

Grow Beasts: Growing Students' Understanding of Ratio, Proportion and Slope
<http://growbeast.wikispaces.com>

School Science and Mathematics Association Annual Convention Reno, NV
October, 2009

Grow Beasts: Growing Students' Understanding of Ratio, Proportion and Slope
<http://growbeast.wikispaces.com>

TOTOS – ASTE Regional Conference - Environmental & Sustainability Education Spokane, WA
May, 2009

Environmental Education Day: An organic context for growing best practices

NCTM National Conference Salt Lake City, UT
April, 2008

Fiveton: The Wise Kingdom of Renaming and Place Value
<http://fac-staff.seattleu.edu/mroddy/web/fiveton/>

46th Northwest Mathematics Conference Bellevue, WA
October, 2007

Fiveton: The Wise Kingdom of Renaming and Place Value

SELECTED INVITED PRESENTATIONS (last ten years only)

Distinguished Guest Lectures University of Western Sydney, Sydney, Australia
August 2014: “Constructing Engagement”
September 2104: “Number Sense and a Sense of Number”

Teen Take Heart Summer Workshop Seattle, WA
August, 2012

Active Learning – Kit-based teaching
<http://tth-kitbasedteaching.wikispaces.com/>

InCITE 2010 Annual Faculty Development Workshop Spokane, WA
June, 2010

An introduction to assessment used to promote learning

Puget Sound Council of Teachers of Mathematics Dinner Meeting Shoreline, WA
October, 2006

Dollar Store Math! (<http://fac-staff.seattleu.edu/mroddy/web/DollarStoreMath>)

Workshop on Next Generation Nucleon Decay & Neutrino Detectors - NNN06. Seattle, WA
September, 2006

Getting Schools and Authentic Science Together
<http://fac-staff.seattleu.edu/mroddy/web/RoddyNNN06Links.html>

SEATTLE UNIVERSITY COMMITTEE MEMBERSHIPS (last10 years only)

- Consortium of Interdisciplinary Scholars, member of the steering committee (2017 -)
- Angel LMS Transition Committee (2010-2012)
- Technology Planning Committee, member and member of the Faculty Development subcommittee (2009 – 2012)
- Faculty Technology Committee, member and subcommittee chair (2006 - 2012)
- University Rank and Tenure Committee, member (2003 – 2007)
- 2006 Conference Committee - Western Conversations on Jesuit Higher Education
- Advisory board – Center for Excellence in Teaching & Learning (2003 – 2006)
- Design Task Force – Center for Excellence in Teaching & Learning (2002 – 2003)
- Teaching and Learning with Technology Roundtable, member (2002 – 2006)

COLLEGE OF EDUCATION COMMITTEE MEMBERSHIPS (last10 years only)

- College of Education Personnel Committee (Dean’s Appointment) (2016 - present)
- Search Committee – Master in Teaching 1-year faculty position – (Winter, 2017)
- By-Laws Committee (2104-16)
- Middle College Advisory Board (2013 – 2015)
- Search Committee for 3-year faculty position: TESOL Program (2012-13)
- College of Education Personnel Committee (Dean’s Appointment) (2012 - 2013)
- Search Committee – Master in Teaching 1-year faculty position – Committee Chair (Spring, 2012)
- Student Scholarship Award Committee (2011 – 2012)
- Search Committee for 3-year faculty position: Master in Teaching Program (2010-11)
- College of Education Personnel Committee (Dean’s Appointment) (2007 - 2010)
- Search Committee for two positions: Master in Teaching / Special Education, member (2006 - 2007)
- Student Scholarship Award Committee (2003 – 2004)

SELECTED PROFESSIONAL AND ACADEMIC ASSOCIATION MEMBERSHIPS & ACTIVITIES

- National Council of Teachers of Mathematics (NCTM), member, conference speaker, journal referee (Mathematics Teaching in the Middle School) (1989-

- 34th NW Mathematics Conference Committee, co-chair of the NCTM Sales Committee, conference speaker (1993-1995)
- Association of Mathematics Teacher Educators (AMTE), member
- Washington Science Teachers Association (WSTA), member, keynote conference speaker
- Puget Sound Science Supervisors, member, invited conference attendee
- Society for Information Technology and Teacher Education (SITE), member, conference speaker

COMMUNITY INVOLVEMENT (last 10 years only)

I am in charge of the Team Project portion of the State High School Mathematics Contest administered by the Washington State Mathematic Council. (See, for example, <http://wsmcteamproject2013.wikispaces.com>)

I am a regular project presenter at Echo Lake Elementary School's annual Science Night.

I was a member and co-chair for the Science Parents group, which I helped to found in 1999, at Assumption St. Bridget School.

I was a member of the Board of Trustees for Forest Ridge Elementary School