

Michele Haberlach (née Mahady; formerly Barlean)

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### PROFESSIONAL PREPARATION

Ph.D Student. Washington State University, Mathematics and Science Education.

M.Ed. 2015. Concordia University. Educational Leadership.

Thesis- The Role of Rigor: Improving College Readiness in High School

Teaching Certification. 1996. University of Washington

B.S. 1986. United States Military Academy

### PROFESSIONAL INTERESTS

My research interests include effective instructional practices for underrepresented students in STEM education and emergent multilingual students in secondary mathematics.

### EDUCATIONAL WORK EXPERIENCE

2018-Present. Research Intern. Washington State University. College of Education.

2018 Teaching Assistant, Washington State University.

Assisted with planning, teaching, and assessing undergraduate mathematics education courses.

2016-2017. Instructor. Central Washington University. , Washington.

Developed and taught MA 152 and MA 153 College Algebra course to high school students.

2017-Present Teacher, High School Math. Vancouver, Washington.

2014-2018 Washington State Mathematics Fellow.

Developed and Conducted Professional Development for K-12 Mathematics Teachers. Assisted school leaders in developing action plans for mathematics education in their schools/districts.

2013-2017 Teacher High Math & Science, Math Department Chair. Wahkaikum High School; Cathlamet, Washington.

2002-2005 President. Our Lady of Sorrows School Advisory Council. Our Lady of Sorrows K-8 School. Portland, OR.

2001-2013 Teacher, High School Mathematics and French. Columbia River High School; International Baccalaureate Program; Vancouver, Washington

1997-2001 Teacher, High School English. Maple Lane High School, Maximum Security Juvenile Detention Facility Rochester, Washington.

1996-1997. Intermediate Elementary & Middle School Teacher. Islamic School of Seattle, Washington.

1995-1997 Director, South Whidbey School Board, South Whidbey School District, Langley, WA.

#### OTHER WORK EXPERIENCE

Commissioned as a Regular Army 2LT branched Aviation on 28 May 1986 at the United States Military Academy. Served for over 30 consecutive years including three combat tours. Retired as senior officer with the rank of Colonel.

Completed Rotary Wing Flight School in August 1987 with initial certification in TH-55, and UH-1H/UH1V aircraft with additional certification in CH-47D obtained in 1989. FAA Commercial Multiengine and Instrument Rated. Accumulated over 2,000 flight hours including combat hours and aerial forest fire fighting.

Served on Active Duty as Regular Army Officer from May 1986- November 1995 in various positions of increasing responsibility including: Platoon Leader, Executive Officer, Aviation Operations Officer, Pilot-in-Command and Company Commander including combat service in 101st ABN during Operations Desert Shield and Desert Storm.

Continued service in US Army Reserve from December 1995- June 2016 in various positions of increasing responsibility including: Civil Affairs Company Commander, Liaison Officer to Allied Forces (Combat), Senior Observer/Controller Trainer, Battalion Operations Officer (Combat); Deputy G5 1st Armored Division (Combat), Battalion Commander (Combat), Strategic Plans Officer, Deputy J91 US Pacific Command and DoD Senior Military Advisor on Women, Peace and Security. Duties included service to stabilization operations in Bosnia-Herzegovina, interagency support to Operation Enduring Freedom-Afghanistan and humanitarian relief efforts in Nepal and throughout the Pacific Rim, with additional combat service in Operation Iraqi Freedom. As the first woman who successfully served in various military positions, broke gender barriers.

Decorations and Awards: Legion of Merit; Bronze Star; Meritorious Service Medal (5 awards); Air Medal; Meritorious Unit Citation. Humanitarian Service Medal and Army Commendation Medal (5 awards). Senior Army Aviator Badge. Combat Action Badge. Air Assault Badge.

### PRESENTATIONS AT PROFESSIONAL MEETINGS

Haberlach, M., & Leitz, S. (2014). Building Effective Community College Partnerships that Promote College Access for All Students. Gear Up West 2014 Conference, Seattle, Washington.

Carney, R., Haberlach, M., & Leitz, S. (2015). Practitioner Perspective: Leadership for College and Career Readiness. Gear Up Professional Development Workshop, Seattle, Washington.

Haberlach, M., Petterson, A. (2015). Making College the Expectation, Not the Exception. University of Washington Gear Up Educator Development Initiative Summer Institute, Seattle, Washington.

Haberlach, M., Matouk, S., & Morrison, S. (2019, March). Mathematics and Language Learning: A Situated, Sociocultural Review of CLIL Applications to the Mathematics Classroom. Poster paper presentation at the TESOL Annual International Conference. Atlanta, GA.

Holmlund, T., Huggins, K, Haberlach, M. & Matouk, S. (2019, April). STEM education as systemic change: A rural district case study. Poster paper presentation at the NARST Annual International Conference. Baltimore, MD.

Haberlach, M., Matouk, S., & Morrison, S. (2019, October). Teaching Mathematics to Second Language Learners: CLIL and NCTM Instructional Practices in Secondary Mathematics Classrooms. Poster paper presentation at the NW Mathematics Conference. Tacoma, WA.

### PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)

National Association for Research in Science Teaching (NARST)

National Council of Teachers of Mathematics (NCTM)