

Background



Dr. Valerie Maxwell is a mathematics education specialist with the [Delaware Mathematics Coalition](#), a statewide consortium of Delaware school districts' curriculum directors and mathematics supervisors. She received her doctorate in School Leadership, Curriculum & Instruction at the University of Delaware. Since retiring in 2011, she has worked with several statewide mathematics leadership projects funded by the Delaware Mathematics Science Partnership, serving as the project leader for the Elementary Math Teacher Leadership (EMTL)

Project grant and as part of the planning team for the New Normal, TRU-Math, and Leadership Coaching Lab projects. Within these projects, her efforts have been concentrated on developing teachers' mathematics content knowledge using representations-based argumentation and classroom video analysis. Val was a recipient of the University of Delaware [G. Cuthbert Webber Award](#). The award is given to a distinguished member of the mathematics education community for distinguished service in advancing mathematics education. She was also a recipient of the Presidential Lifetime Achievement Award presented by the Delaware Department of Education. Prior to retirement, Valerie worked as a statewide professional development specialist for the University of Delaware's Math & Science Education Resource Center (MSERC) and as a mathematics supervisor for the Appoquinimink School District. She began her career as a middle school mathematics and technology teacher.



CURRICULUM VITAE

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Educational Background

- Ed.D. School Leadership, Curriculum, & Instruction, with a concentration in mathematics education, University of Delaware, January, 2011
- M.Ed. School Leadership, Wilmington University, January, 2000
- B.S.Ed. Elementary Education, University of Delaware, June, 1975

Professional Experience

- Project Lead, Delaware K-12 Mathematics Partnership & TRU-Math Project, Elementary Math Teacher Leadership (EMTL), and Leadership Coaching Lab, Delaware Math Coalition, 2014-present
- Mathematics Specialist, Mathematics & Science Education Resource Center, University of Delaware, 2003-2014.
- Mathematics Supervisor, Appoquinimink School District, Middletown, De. 1995-2003 • Middle School Mathematics Teacher, Appoquinimink School District 1993-1995
- Middle School & High School Mathematics Teacher, Monmouth County, NJ 1984-1993
- Middle School Mathematics Teacher, Christina School District, Newark, De. 1975-1984

Grants & Other Synergistic Experience

- Co-Principal Investigator/ Project Manager/Grant Writer Delaware Mathematics Coalition, University of Delaware, & Delaware Foundation for Science and Mathematics Education Projects including:
 - Leadership Coaching Lab Project, Delaware Mathematics Coalition/Delaware Foundation for Science and Mathematics Education, Longwood Grant (2018-2019)



- TRU-Math Project, Delaware Mathematics Coalition/Delaware Foundation for Science and Mathematics Education, US DOE/ NSF Math Science Partnership subgrants (2015-2017)
- Delaware K-12 Mathematics Partnership Project, University of DE/Delaware Mathematics Coalition, US DOE Math Science Partnership Sub-Grant (2013-2015)
- Elementary Mathematics Teacher Leadership, US DOE/NSF NCLB Mathematics & Science Partnership (2008-2012)
- Converging Curriculum Project, US DOE/NSF NCLB Mathematics & Science Partnership (2006-2012)
- Responsive Interventions Project, Professional Development Grant, Delaware DOE (2007-2012)
- Delaware Secondary Mathematics Partnership, Powerful Pedagogical Practices Project, US DOE/NSF NCLB Mathematics & Science Partnership (2007-2010).
- Leadership Team Member/ Professional Development Staff, for US DOE/NSF Mathematics & Science Partnership grants awarded to the Delaware Mathematics Coalition/ University of Delaware including:
- Delaware Secondary Mathematics Partnership, School Based Teacher Leadership Project 12-district action research project featuring video data on at-risk students funded by successive state sub-grants from the US DOE/NSF NCLB Mathematics & Science Partnership.
- Delaware Exemplary Mathematics (6-12) Curriculum Implementation, NSF-funded Local Systemic Change project. Introduced exemplary mathematics curricula into middle and high school classrooms statewide (1999-2002).

Presentations at National Mathematics Education Conferences

- Maxwell, Valerie, Parsons, Jan, Riser, Jamila, “Leadership Coaching Lab: Developing A Keen Eye for the Essence of a Math Lesson”, National Council of Supervisors of Mathematics, San Antonio, Texas, April, 2017.
- Maxwell, Valerie, Becker, Thomas. “Designing Effective Collaborations Around Learning, (DECAL): How one small change improved student learning”, National Council of Supervisors of Mathematics, Oakland, California, April, 2016.
- Maxwell, Valerie, Parsons, Jan. “Cameras in the Classroom: Designing Effective Collaboration around Learning”, National Council of Supervisors of Mathematics, Boston, Massachusetts, April, 2015.
- Maxwell, Valerie, Parsons, Jan. “Developing Usable Knowledge for Teaching Elementary Mathematics”, National Council of Supervisors of Mathematics, New Orleans, Louisiana, April, 2014.



- Riser, Jamila, McCarthy, Janice, Maxwell, Valerie, "Towards a New Normal in Mathematics Instruction", National Council of Supervisors of Mathematics, Denver, April, 2013.
- Maxwell, Valerie, Pendleton, V. Providing Responsive Intervention for Struggling Students: Converging Curriculum, Association of Mathematics Teacher Educators, Fort Worth, Texas, February, 2012.
- Riser, Jamila, Manon, J., McCarthy, J., Maxwell, V., & Pendleton, V. Toward a "New Normal" in High School Mathematics Instruction. 2012 Association for Mathematics Teacher Educators, Fort Worth, Texas, February 10, 2012.
- Maxwell, Valerie, Poetzl, C., Providing Responsive Intervention for Struggling Students: Converging Curriculum; 2009 National Council of Supervisors of Mathematics Annual Conference. Washington, DC, April 20, 2009.
- Maxwell, Valerie, Teacher Content Knowledge & Student Achievement Results, Poster session at the Mathematics and Science Partnership regional meeting, New Orleans, Louisiana, January, 2009.