

CURRICULUM VITAE
Service Emphasis

Virginia Rice Watson
Co-Director Gateway Community Math Center
Retired Associate Professor of Mathematics at Kennesaw State University
November 23, 2022

GENERAL INFORMATION

Gateway Community Math Center, 4651 Woodstock Rd, Ste 208-157, Roswell, GA 30075
678-383-9533
vwatson@gatewaycmc.org

EDUCATION

May 1986 – Dec. 1988 PhD, Clemson University, Clemson SC, Mathematical Sciences.
Aug. 1984 – May 1986 M.S., Clemson University, Clemson SC, Mathematical Sciences.
Jan. 1981 – May 1984 B.S., Mars Hill College, Mars Hill NC, Mathematics and Chemistry.

PROFESSIONAL EXPERIENCE

Dec. 2017 - present Co-Director Gateway Community Math Center.
Sept. 1995 – Aug. 2022 Associate Professor of Mathematics, Kennesaw State University.
Nov. 1997 – May 1999 Assistant Dean, College of Science and Mathematics at KSU.
Sept. 1989 – Sept. 1995 Assistant Professor of Mathematics, Kennesaw State College.
Jan. 1989 - June 1989 Visiting Assistant Professor, Furman University.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Mathematical Association of America (MAA).
Special Interest Groups of the MAA on Math Circles for Students and Teachers (SIGMAA MCST).

AWARDS

2017 Distinguished Service Award from the Mathematical Association of America Southeastern Section.

2017 Distinguished Service Award from the College of Science and Mathematics of Kennesaw State University.

COMMUNITY SERVICE

Organizer The Math Book Club, May 2020 to present, with M. Garner.

Coordinator Elementary Math Bowl, August 2015 to 2022, with B. Rogers and S. Chandler.

Intown Atlanta Math Teachers' Circle, member of leadership team, February 2017 to present.

Metro Atlanta Math Teachers' Circle Co-Director, summer 2009 to present.

Presenter at KITES Science & Engineering Festival, Scott Elementary School, April 2016.

Member of Teacher Quality (TQP) Math Teachers' Circle Service Leadership Team, A collaborative effort with Birney Elementary, Labelle Elementary, Milford Elementary, Hollydale Elementary, Fair Oaks Elementary, Smith Middle School and Osborne High School, 2011.

TEACHER WORKSHOPS ORGANIZED

Mathematics Games for the Classroom, V. Watson and M. Garner, supported by Gateway Community Math Center and the Metro Atlanta Math Teachers' Circle, June 29, July 1, July 6, July 8, 2021.

Trapping Zombies with Geometry, Probability, Algebra and Mathematical Modeling, V. Watson and M. Garner, supported by Lockheed Martin and College of Science and Mathematics, June 27-28, 2019.

The Math You Know Like You've Never Seen it Before!, V. Watson and M. Garner, supported by Lockheed Martin, June 12- 15, 2018.

Geometry of the Universe, V. Watson and M. Garner, supported by V. Watson and M. Garner, June 8 – 9, 2017.

Logistics is Math, V. Watson, M. Garner and B. Rogers, supported by Lockheed Martin, June 20-21, 2016.

Flying with Mathematics, V. Watson, M. Garner and B. Rogers, supported by Lockheed Martin, June 1-2, 2015.

Statistics and Probability Math Teachers' Circle, V. Watson, M. Garner and B. Rogers, Improving Teacher Quality Grants Program supported February 2013 – May 2014.

Math Teachers' Geometry Circle, V. Watson, M. Garner and B. Rogers, Improving Teacher Quality Grants Program supported February 2012 – March 2013.

Teacher Quality Partnership (TQP) Mathematics Teachers' Circles, V. Watson, M. Garner and B. Rogers, Teacher Quality Partnership of KSU grant supported September 2010 – September 2011.

STUDENT CAMPS ORGANIZED

Oglethorpe University Summer Day Camp, Dimensions and Manifolds, June 20 – 23, 2022.

Oglethorpe University Summer Online Camp in Mathematics, Games, Wednesdays June 9 – July 28, 2021.

Summer Day Camp in Mathematics at Oglethorpe University, June 10 -14, 2019.

2015 KSU Math Circle Summer Camp, June 8 – 19, 2015.

2014 KSU Math Circle Summer Camp, June 16 – 27, 2014.

2013 KSU Math Circle Summer Camp, Mathematics of Planet Earth, June 10 – 21, 2013.

2012 KSU Math Circle Summer Camp, July 16 – 27, 2012.

GRANTS AND CONTRACTS ASSOCIATED WITH SERVICE ACTIVITIES

Corporate Donations to Support Activities

Metro Atlanta Math Teachers' Circle, Project Director V. Watson, Co-Project Directors M. Garner and B. Rogers, Lockheed Martin, \$5000, May 2016.

KSU Math Circle Summer Camp, Project Director V. Watson, Co-Project Directors T. Rudchenko and J. Derado Lockheed Martin, \$5000, May 2016.

KSU Math Circle Summer Camp 2014, Project Director V. Watson, Co-Project Directors T. Rudchenko and J. Derado, Lockheed Martin, \$5000, May 2014.

Metro Atlanta Math Teachers' Circle, Project Director V. Watson, Co-Project Directors M. Garner and B. Rogers, Lockheed Martin, \$5000, May 2014.

Funded Projects as PI:

KSU Math Circle Summer Camp 2015, PI V. Watson, Co-PIs T. Rudchenko and J. Derado, MAA Dolciani Mathematics Enrichment Grant, \$4000, May 2015 – September 2015.

KSU Math Circle Summer Camp 2015, PI V. Watson, Co-PIs T. Rudchenko and J. Derado, AMS Epsilon Grant, \$5000, June 2015.

KSU Math Circle Summer Camp 2014, PI V. Watson, Co-PIs T. Rudchenko and J. Derado, AMS Epsilon Grant, \$7500, June 2014.

Metro Atlanta Math Teachers' Circle, PI V. Watson, Co-PIs M. Garner and B. Rogers, American Institute of Mathematics, \$1900, August 2013 – May 2014.

KSU Math Circle Summer Camp 2013, PI V. Watson, Co-PIs M. Garner and T. Rudchenko, Dolciani Mathematics Enrichment Grants, \$6000, April 2013 – September 2013.

Statistics and Probability Math Teachers' Circle, PI V. Watson, Co-PIs M. Garner and B. Rogers, Improving Teacher Quality Grants Program, \$51,881.04, February 2013 – May 2014.

KSU Math Circle, PI V. Watson, Co-PIs M. Garner and T. Rudchenko, National Association of Math Circles, \$1500, September 2012 – May 2013.

Kennesaw State University Math Circle, PI V. Watson, Co-PIs M. Garner and T. Rudchenko, Dolciani Mathematics Enrichment Grants, \$5656, May 2012 – September 2012.

Math Teachers' Geometry Circle, PI V. Watson, Co-PIs M. Garner and B. Rogers, Improving Teacher Quality Grants Program, \$43,546, February 2012 – March 2013.

Establishing the Metro Atlanta Math Teachers' Circle, M. Garner and B. Rogers, National Association of Math Circles, \$2,000, September 2011 – May 2012.

Teacher Quality Partnership (TQP) Mathematics Teachers' Circles, PI V. Watson, Co-PIs M. Garner and B. Rogers, Teacher Quality Partnership of KSU, \$135,213, September 2010 – September 2011.

PUBLICATIONS SERVICE EMPHASIS

Garner, M. L., Rudchenko, T., Watson, V. and Chashechnikova, O. (2018), Mathematics after School in Ukraine, *American Journal of Educational Research*, 6(8), 1117-1126.

Garner, M. L., Watson, V., Rogers, B. and Head, C. (2017), Influence of a Mathematics Teachers' Circle on Elementary Teachers' Use of Problem Solving. *School Science and Mathematics*, 117: 317–328.