

William B. Gillam, Jr  
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Major Accomplishments:

- Member of State Mathematics Writing Panel for the South Carolina Mathematics Academic Standards and support documents, 2007
- Program Chair South Carolina Council of Teachers of Mathematics Conference, Fall 2007
- President South Carolina Council of Teachers of Mathematics, 2006-2007
- National Board Certified Teacher, AYA Mathematics, 2005
- Presidential Award for Excellence in Math and Science Teaching, 2001
- Educational consulting work includes projects for SC Department of Education, SC Education Oversight Committee and a Major Textbook Publisher, 1996- present
- Math Specialist for the Bamberg/Calhoun/Orangeburg Math/Science Hub, 1997-2000
- SC SDE Curriculum Specialist on Site Eau Claire High School, 2002-2004

Courses Taught:

- High school: Calculus, AP Statistics, Probability and Statistics, Pre-Calculus, Algebra III, Geometry, Algebra II, Algebra, and multiple courses in the Tech Prep sequence
- College: Mathematics Manipulatives and Standards in the K-8 Classroom, Using Calculator Technology to Enhance Algebra Instruction, Calculus, Statistics, Finite Math, College Algebra and Contemporary Math for Nurses, NASSP Leader 1-2-3 coach

Work History:

- 2004 – Blythewood High School  
Mathematics Teacher  
Algebra Part II, Algebra One, Probability and Statistics, AP Statistics, AP Computer Science, Principles of Engineering
- 2002-2004 Eau Claire High School  
Curriculum Specialist on Site  
Working through the SC Department of Education to provide curriculum knowledge support to a school identified as needing assistance.
- 2001– 2002 Richland Northeast High School  
Mathematics Teacher  
Algebra III Honors and Math Tech One
- 2000 - 2001 Richland School Districts Two  
Distance Learning Instructor for Algebra One

- 1997 – 2000 Bamberg/Calhoun/Orangeburg Math/Science Hub  
Math Specialist  
Duties include developing, coordinating and presenting teacher in-services and courses addressing the SC Math Standards and Frameworks for K-12 educators.
- 1995 – 1997 Laurens District 55 High School  
Mathematics Teacher  
My focus was Contextual Algebra/Calculus activities for Tech/Prep students. I presented at state, regional and national conferences on this subject.
- 1994 – 1995 Technical College of the Low Country  
Adjunct Instructor  
College Algebra, Math for Nurses and Calculus
- 1991 - 1994 Limestone College  
Adjunct Instructor  
College Algebra and Statistics  
Sites included the Federal Prison at Estill, SC and the Marine Military Base at Parris Island.
- 1991 – 1995 Jasper County High School  
Mathematics Teacher  
Coached the math team and assisted in writing the district math curriculum based on the SC Frameworks.
- Jan – May 1991 Irmo High School  
Practice Teacher
- 1987 – 1989 Ness, Motley, Loadholt, Richardson and Poole, PA  
Programmer  
My main responsibility was programming a central database used for overseeing payouts of class action lawsuits.

#### Publications and Presentations:

- “Professional Development for Standards Implementation”, primary presenter, sessions for SC State Department of Education. Florence, SC. Oct 18 2007 and April 15, 2008. Clemson, SC Nov 13, 2007. Rock Hill, SC Feb 5, 12 and April 3, 2008.
- “The South Carolina Mathematics Academic Standards”, South Carolina State Department of Education, Member of State Mathematics Writing Panel for the South Carolina Mathematics Academic Standards and Support Documents. 2007.

#### Publications and Presentations: (continued)

- "First Timers Session" co-presenter, South Carolina Council of Teachers of Mathematics Conference. Greenville, SC. October 27, 2005 and Myrtle Beach, SC. October 12, 2006.
- "President's Address" The Mathmate. December 2005, March 2006, June 2006, September 2006.
- "Meeting of the SCCTM Advisory Assembly", primary presenter, SCCTM Fall Conference, October 28, 2006.
- "Web Bytes" The Mathmate. Dec 2003, March 2004, June 2004, Dec 2004, March 2005, June 2005, Sept 2005
- "Using Calculator Technology to Enhance Algebra One Instruction", primary presenter, SCCTM/NCCTM Carolina's Conference, Charlotte, NC. October 17, 2002.
- "Using Distance Learning Technology to Enhance Instruction in the Algebra Classroom" primary presenter, Poster Session for Awardees of Presidential Award for Excellence in Math and Science Teaching, Washington, DC. 2002.
- "Selecting Instructional Materials", acknowledgement, "Bill Gillam ... pored over the costs calculation worksheet, constructed a spreadsheet, and ran real costs through it until the paper and electronic methods agreed. This is a feat many attempted, and no one else accomplished." National Academy Press, 1999.
- "Is the TI-73 for Me?", co-presenter, Regional Math and Science Instructional Fair, Aiken, SC. 1999.
- "Contextual Calculus", primary presenter, National Council of Teachers of Mathematics Regional Conference, Charlotte, NC. March 6, 1999.
- "What Only a 92 Can Do", primary presenter, Regional Math and Science Instructional Fair, Aiken, SC. 1998.
- "Contextual Calculus", primary presenter, National Tech-Prep Convention, Nashville, TN. October 1997.
- "Contextual Calculus", primary presenter, North and South Carolina Teachers of Mathematics Conference (Carolina's Conference), Charlotte, NC. September 1997.
- Cover Art, The Mathmate. Summer 1999 and Winter 1999.
- "Patterns, Relationships and Functions: It's the Relationship, Silly!", The Mathmate. Winter, 1999.

#### Other Experiences:

- Equipment Manager, South Carolina Council of Teachers of Mathematics Fall Conference 2008-2010.
- Reviewed chapters in two Statistics books for Pearson Publishing. 2008, 2010.
- Program Chair, South Carolina Council of Teachers of Mathematics Fall Conference. 2007.
- Past-President, South Carolina Council of Teachers of Mathematics. 2006 - 2007.
- President, South Carolina Council of Teachers of Mathematics. 2005 – 2006.
- National Council of Teachers of Mathematics Affiliate Leadership Institute. 2006.
- President-Elect, South Carolina Council of Teachers of Mathematics. 2004 – 2005.

Other Experiences: (continued)

- Computer Support Co-Chair, National Council of Teachers of Mathematics Regional Conference, Charleston, SC. November, 2003.
- NCTM representative, South Carolina Council of Teachers of Mathematics. 2003-2004.
- Alignment of Algebra EOC with the SC Math Standards, Education Oversight Committee. 2002.
- Algebra One EOC benchmark setting, SC State Department of Education. 2002.
- Error-Analysis project, SC State Department of Education. 2002.
- Presidential Award for Excellence in Math and Science Teaching, Washington, DC. 2001.
- SC Content Briefs, State Department of Education. 2001.
- Terra Nova Alignment to Algebra I, Education Oversight Committee. 2000.
- Data Analysis Toolkit, EXCEL templates, State Systemic Initiative. 2000.
- National Association for Secondary School Principals Leader 1 2 3 Coach for Curriculum Leadership Institutes. Orangeburg, SC. 1999, 2000.
- State Geometry textbook adoption committee. 1996.
- Authored Grafprog, a function and statistical graphing program 1993 - 1997
- Member South Carolina Council of Teachers of Mathematics, The National Council of Teachers of Mathematics.

Education:

MAT in Mathematics, 1991, University of South Carolina, Columbia, SC  
B.S. Math and Computer Science, 1986, University of South Carolina, Aiken, SC

- Project Lead the Way Summer Training Institute: Principles of Engineering, 2011, University of South Carolina
- Project Lead the Way Summer Training Institute: Civil Engineering and Architecture, 2010, Duke University
- AP Computer Science Institute, 2009, University of South Carolina
- AP Statistics Institute, 2007, Clemson
- Calculus Refresher Course, 2002, South Carolina State University
- Curriculum Leadership Institute, 1998, South Carolina State University
- Ford Academy of Manufacturing Sciences, 1997, University of South Carolina
- Bell-South Integrating Technology in the Classroom, 1997, Furman University
- Statistics Leaders in the Palmetto State, 1995 and 1996, Clemson University
- Tech Prep Mathematics Training, 1994, The Citadel
- Calculus with Calculator and Computer Enhancement Institute, 1993, The College of Charleston
- AP Calculus Institute, 1992, The Citadel