

Sarah Bush  
Curriculum Vitae

Name: Sarah Bush

Work Address: Panola College, 1109 W Panola St., Carthage, TX 75633

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#### Education

- M.A. Mathematics, Prairie View A&M University, Prairie View, TX 1989
- B.A. Mathematics, Prairie View A&M University, Prairie View, TX, 1974

#### Teaching Experience

- Panola College, Carthage, TX, August 2013 – Present  
Courses Taught: Developmental Mathematics (with MyMathLab component), College Algebra (with WebAssign component), and Elementary Statistical Methods (with MyStatLab component),
- Wiley College, Marshall, TX, 1989 – 2013  
Courses Taught: Basic Mathematics, Survey of Mathematics, College Algebra (with WebAssign component), Plane Trigonometry, Precalculus I & II, Discrete Mathematics, and Calculus I & II
- Wiley College, Marshall, TX, 1980 – 1989  
Math Lab Coordinator

#### Professional, Technical, and Work-related Experience and Skills

- Attended NTCCC Developmental Ed conference, Fort Worth, TX, March 2015
- Instructor, Science Camp, Panola College Marshall Center, Summer 2014
- Instructor, Science Activities for Galilee Baptist Church youth group, Marshall, TX, May 2014
- Participant/Instructor, Science Night at Jack Elementary, Tyler, TX, 2013, 2012, 2011, 2010, 2008
- Instructor, "Science Night" Workshop for Teachers – Conducted training session for Jack Elementary School Teachers – January 24, 2012

- Participant, AVID (Advancement Via Individual Determination) Workshops, Wiley College – May 2012, March 2011, January 2011 – Dallas, TX, June 2010.
- President, Vice-President, and Assistant Secretary/Treasurer of the Faculty Assembly, Wiley College, 2011-2013, 2004-2005
- Project Director, Wiley College NASA SEMAA (Science, Engineering, Mathematics and Aerospace Academy) Program, 2003-2007
- Project Director, Wiley College NASA CAPA (Curriculum Improvement Partnership Award), 2002-2005
- Project Director, Wiley College MSEIP (Minority Science and Engineering Improvement Program), 2004

#### Professional Achievements and Publications

- Certificate of Appreciation for Service to the Students of G. W. Carver Elementary, Karnack, TX, Karnack Independent School District 2008
- SEMAA Group Achievement Award for exceptional performance, innovations, and impacts made on K-12 students and the NASA education pipeline – NASA 2008
- Editorial Board Member, Contemporary College Algebra by Don Small, 2001-2004
- Exemplary Teacher of the Year Award – Wiley College 2001
- Calculating Fourier Series Using the IBMPC – Graduate Thesis, 1989