

Dr. Sherri S. Frizell

Education

- Ph.D., Computer Science, Auburn University, 2003
- MCSE, Computer Science & Software Engineering, Auburn University, 1998
- BS, Computer Science, Jackson State University, 1996

Academic experience

- Prairie View A&M University; Professor; 2018-present; Full time
- Prairie View A&M University; Associate Professor; 2009-present; Full time
- Prairie View A&M University; Assistant Professor; 2003-2009; Full time
- Prairie View A&M University; Summer Research Program Coordinator; 2014; Part time
- Prairie View A&M University; Graduate Program Coordinator; 2006-2009; Full time
- Prairie View A&M University; STEM Program Coordinator; 2006-2008; Part time

Non-academic experience

- IBM T.J. Watson Research Center, Yorktown Heights, NY; Pre-Professional Engineer, Next Generation Web Interfaces Division; 2002; Part time
- National Security Agency; Computer Scientist; 1996-1999; Part time
- National Security Agency; Computer Science Intern; 1994-1995; Part time
- IBM, Austin, TX; Computer Science Intern; 1993; Part time

Honors and awards

- Prairie View A&M University, College of Engineering; Outstanding Teaching Award; 2009

Service activities (within and outside of the institution)

- Advisor, Society of Women Engineers (SWE)
- NSF Proposal Reviewer
- External Program Reviewer, Department of Mathematics & Computer Science, Southern Arkansas University
- Grace Hopper Scholarship Reviewer
- TAPIA Student Scholarship Review Committee
- PVAMU Website Design Taskforce
- PVAMU Faculty Search Committee
- PVAMU Tenure Review Committee
- PVAMU Graduate Program Curriculum Committee

Most important publication and presentations from the past five years

- Nave, F., Bonner, F., Lewis, C, **Frizell, S.**, Parker, F., & McFrazier, M. (in press) African American Students' Academic Achievement in STEM at HBCUs: Faculty

Perceptions on the Contributing Factors for Academic Success. In L. Flowers, L. Flowers & J. L. Moore III (Eds.), *Advancing Educational Outcomes in Science, Technology, Engineering and Mathematics at Historically Black Colleges and Universities*. New York: University Press of America.

- Lewis, C., Bonner, B., Rice, D., Alfred, M., Nave, F., & **Frizell, S.** (2015). Reversing the Tide in Science, Engineering, Technology and Mathematics (STEM): Academically Gifted African American Students in Historically Black Colleges & Universities (HBCUs). *Journal of Research Initiatives*, 2(1).
- Lewis, C., Bonner, F., Rice, D., Cook, H., & Alfred, M., Nave, F., & **Frizell, S.** (2011). African American, Academically Gifted, Millennial Students in STEM disciplines at Historically Black Colleges & Universities (HBCUs): Factors that Impact Successful Degree Completion. In H. Frierson & W. Tate (Eds.), *Beyond Stock Stories and Folktales: African Americans' Paths to STEM Fields*, vol.11, pg. 23-46. Emerald Group Publishing.
- Obiomon, P., **Frizell, S.**, Nave, F., and Holland, A. (2010). The impact of globalism on the engineering student. *Potentials, IEEE*, 29(4), July-Aug, pp.15-16.
- **Frizell, S.**, Lin, L., and Krajca, C. (2010). Advanced Learning Lab and Real Test — Enhancing Student Learning and Performance Assessment. In *Proceedings of the 2010 ADMI Symposium*, Jackson, MS.
- Lin, L., **Frizell, S.**, and Yang, Y. (2010). Infusing Tablet PCs and Interactive Learning Technology into Computer Science Education to Enhance Student Learning. In *Proceedings of the 2010 ASEE Annual Conference & Exposition*, Austin, TX.

Most recent professional development activities

- Attended 2014 HBCU Innovation, Commercialization, and Entrepreneurship (ICE) Summit, San Jose, CA
- Attended 2014 ACM SIGCSE Symposium, Atlanta, GA
- Attended 2013 HCI International Conference, Las Vegas, NV
- Attended ADVANCE-PAID Professional Development Workshop, 2013, 2012, 2011, Houston, TX
- Attended 2012 ADMI Conference, Washington, DC
- Attended 13th Annual International Conference on Education and Information Systems, Technologies and Applications (EISTA), 2012, Orlando, FL
- Attended 2012 NSF JAM Conference, Washington, DC
- Attended 2012 Women of Color in STEM Conference, West Lafayette, IN
- Attended 2011 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP), Las Vegas, NV