

1. Dr. Pam Rowland
2. Education – degree, discipline, institution, year
 - Doctor of Science in Information Systems, Dakota State University, 2018
 - Master of Science in Information Systems, Dakota State University, 2004
 - Commercial Economics, South Dakota State University, 1990
3. Academic experience –
 - a. Dakota State University, Assistant Professor, Cyber Security, Beacom College of Computer and Cyber Sciences, 8/17-current
 - b. Dakota State University, Undergraduate Research Coordinator, 2018-current
 - c. Dakota State University, CybHER Institute Director, 2018-current
 - d. Dakota State University, Center of Excellence in Information Technology Director, 2015-current
 - e. Dakota State University, Instructor, College of Computing, 2005-2017
4. Honors and awards
 - a. The DeWayne Mork Award of Excellence in Service, Dakota State University 2018
 - b. The South Dakota Board of Regents Award for Community Service 2018
 - i. CybHER Club
5. Service activities (within and outside of the institution)
 - a. Committees:
 - i. Diversity Community 2018-present
 - ii. Academic Council 2015-present
 - iii. Faculty Development Committee 2015-present
 - iv. University Code of Conduct Board 2017-present
 - v. University Research Committee 2018-present
 - b. Moderator for sessions at National CUR conference July 2018
 - i. Council for Undergraduate Research
 - c. Keynote Women In Science September 2018
 - i. 275 8th Grade Girls
 - ii. Mount Marty College, Yankton, SD
 - d. Keynote BS Textbook Exchange Annual Conference June 2018
 - i. Positive, Purposeful, Proactive Security
 - ii. Sioux Falls, SD
 - e. CybHER Events – reaching over 1500 students annually 2016-present
 - i. CybHER events are held throughout the year at schools, science centers, libraries, and universities. These include coding and security activities.
 - f. Search and Screen Committee Member
 - i. Information Systems Faculty Position Spring 2018
 - ii. College of Education Faculty Position Fall 2016

- g. Women in Cyber Security (WiCyS) poster session judge Spring 2018
 - i. National conference, Chicago, IL
 - h. Paper reviewer JOECR Spring 2018
 - i. Journal of Educational Computing Research
 - ii. *“Peer tutoring to facilitate cognitive diffusion of EFL learning: Using speech translation and shadowing in familiar authentic contexts”*
 - i. Paper reviewer HICSS-51 Fall 2017
 - i. 51th Hawaii International Conference on System Sciences 2018
 - ii. Reviewer of two submissions
 - j. Scholarship Application Reviewer for the Grace Hopper Celebration 17 Summer 2017
 - k. DSU CybHER Club co-advisor 2016-present
 - i. Student-lead club to encourage women studying in cyber
 - l. NCWIT Aspirations Award Coordinator 2015-present
 - i. Recruitment of high school female students for yearly Aspirations award
 - ii. Host Aspiration awards ceremony at DSU with keynote speakers and program.
 - m. Paper reviewer Proceedings Indiana Academy of Science September 2016
 - i. Reviewed manuscript for PIAS
 - n. University Assessment Committee 2009-2014
 - i. reviewing general education requirements
 - o. Co-Advisor of Women in Science and Technology 2010-11
 - i. This group aimed to increase the number of women in science and technology related fields.
 - p. Served on South Dakotas Expanding Your Horizons committee 2008-2010
 - i. A yearly event to increase the number of women and minorities in science and technology. Personally, hosted workshops in 2008 and 2009 focused on computer careers.
6. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation
- a. **Rowland** & Noteboom, “An Investigation of Anchoring Female Millennial Students in an IT Career Path: The CLASS Anchor Model”, The Journal of the Midwest Association for Information Systems. July 2018 edition
 - b. Bishop & **Rowland**, “Toward Understanding Customer Preference Factors in Agile”, Research in Progress, Midwest Association for Information Systems (MWAIS) Conference in St. Louis, MO, May 17-18, 2018.
 - c. Narukonda & **Rowland**, “The Perceptions of Cyber Security in High School Girls”, Research in Progress, Midwest Association for Information Systems (MWAIS) Conference in St. Louis, MO, May 17-18, 2018.

- d. **Rowland**, P., Podhradsky, A., & Plucker, S., “CybHER: A Method for Empowering, Motivating, Educating and Anchoring Girls to a Cybersecurity Career Path”, 2018 51st Hawaii International Conference on System Sciences, IEEE Computer Society Press, 2018.
 - e. Bishop, D., **Rowland**, Pam, & Noteboom, C., “Antecedents of Preference for Agile Methods: A Project Manager Perspective”, The Fifty First Annual Hawaii International Conference on System Sciences, IEEE Computer Society Press, 2018.
 - f. Noteboom, C. & **Rowland**, Pam, “An Exploration of Anchoring Female Millennial Students to an IT Career Path: The CLASS Model”, In (eds) R. Sprague and J. Nunamaker, The Forty Seventh Annual Hawaii International Conference on System Sciences, IEEE Computer Society Press, 2017.
7. Briefly list the most recent professional development activities
- a. 2018 Cloud Security Curriculum Development Workshop July 11-13, 2018
 - i. Hosted at University of North Carolina – Chapel Hill
 - ii. Awarded by NSF
 - b. DSU 2018 CyberTraining Summer Course: Cloud Security Summer 2018
 - i. 12-week summer course
 - ii. Instructor: Dr. Jason Nikolai
 - c. INFA-701-D30, Principles of Information Assurance Summer 2018
 - i. Guest Professor Observer
 - ii. Professor: Mike Waldner
 - d. National CUR conference July 2018
 - i. Council for Undergraduate Research
 - e. NSF Day – Grant Writing Training March 29, 2018
 - f. NSA Career Grant Training November 2017
 - g. Grant Writing USA Training November 2016