Kirsten E. Richards, Ph.D.
United States Naval Academy
Annapolis, MD

Education:
- University of Maryland, Baltimore County - Ph.D. in Information Systems. Degree conferred May 24, 2017.
- University of Maryland, University College - Graduate Certificate: Database Technology. Certificate conferred May 30, 2015.
- University of Maryland, Baltimore County - Master of Science in Information Systems. Degree conferred December 21, 2012.
- Antelope Valley College - Associate in Science, Registered Nursing. Degree conferred June 4, 2010.
- Life Pacific College - Ministry and Leadership. Degree conferred May 17, 2009.
- Antelope Valley College - Associate in Arts, Letters, and Sciences. Degree conferred June 10, 2005.

Teaching Experience:
- Assistant Professor. Cyber Science. United States Naval Academy. Annapolis, Maryland. July, 2018 – Current.
  - Courses taught: SY 201 – Cyber Fundamentals 1. SY 306 – Web and Databases for Cyber Operations.
- Adjunct Instructor. University of Maryland College Park. College Park, MD. January, 2018 – May, 2018.
  - Course taught: INST 630 – Introduction to Programming for the Information Professional.
- Adjunct Instructor. University of Maryland, Baltimore County (UMBC). Catonsville, MD. January, 2018 – May, 2018.
  - Courses taught: IS 300 – Management Information Systems, IS 304 – Ethical Issues in Information Systems.
- Visiting Assistant Professor of Information Systems. Loyola University Maryland. Baltimore, MD. August, 2017 – May, 2018
  - Courses taught: IS 352 – Applications Development, IS 355 – Networks and Cyber Security, IS 251 - Data Analytics and Information Systems.
- Teaching Assistant. UMBC. Catonsville, MD. August, 2015 – May, 2017
  - Courses taught: IS 634 – Structured Systems Analysis and Design *(online)*. IS 425 – Decision Support Systems (instructor of record), IS 420 – Database Application Systems.
- GAANN Fellow. UMBC. Catonsville, MD. January 2015 - August 2015.
  - Courses taught: IS 420 - Database Application Development, IS 425 - Decision Support Systems.
- Adjunct Instructor. UMBC. Catonsville, MD. January 2013 - December 2014.
  - Courses taught: IS 295 - Intermediate Business Applications, IS 420, IS 425.
- Visiting Instructor, one semester contract. Community College of Baltimore County, Catonsville Campus Catonsville, MD. January 2014-June 2014

- Courses taught: CIST 101 – Introduction to Computers, CIST 154 - Database Concepts, CIST 120 - Diversity and Technology, CIST 111 - Logic and Object Oriented Designed.
- Adjunct Instructor, Community College of Baltimore County, Catonsville Campus Catonsville, MD. August 2012 - December 2013
  - Courses taught: CIST 101, *(in person and online)*, CIST 111.
- Adjunct Instructor, Notre Dame of Maryland University, Baltimore, MD. August 2012-December 2012
  - Course taught: CST 130 - Introduction to Microcomputers.

General Work Experience:
- Registered Nurse. Harbor Hospital - Baltimore, MD. September 2011-August 2012.
- Registered Nurse. Jewish Hospital - Louisville, KY. October 2010 - August 2011.
- Tutor . ESL & Nursing, Antelope Valley College - Lancaster, CA. September 2003 - October 2004 & February 2005-September 2005.

Select Technical Skills:
- Proficiency in R and related tools including RStudio, Shiny, and ggplot2.
- Extensive teaching experience in SQL, PL/SQL and training in Oracle administration.
- Proficiency in Excel for data modeling and business analytics.
- Experience with Weka and SPSS in teaching and research contexts.
- Experience teaching introductory courses, non-majors courses and introduction to programming with excellent student evaluations.

Dissertation
- Richards, K. (2017, June). *Risk Analysis of the Discoverability of Personal Data Used for Primary and Secondary Authentication (Doctoral dissertation).* Directed by A.F. Norcio.

Publications & Conferences:
- Richards, K. (anticipated 2020, July). *Invited paper.* Personal Data Vulnerability to Trained Human Searchers. *HCI International 2019. 21st International Conference on Human-Computer Interaction.* July 19-24, 2020.
- Richards, K. (2019, July) Privacy and Power Implications of Web Location of Personal Data Authenticators. *HCI International 2019. 21st International Conference on Human-Computer Interaction.* July 26-31, 2019.
- Richards, K. (2017, September). *Risk Analysis of the Discoverability of Personal Data Used for Primary and Secondary Authentication with an Emphasis on Data Location.* Presented at Old Dominion University CyberOPS Research Expo, Norfolk, VA.
- Richards, K. & Norcio, A.F. (2017). Exploring the Discoverability of Personal Data Used for Authentication. *Proceedings from the AHFE 2017 International Conference on Human Factors in Cybersecurity.* July 17-21, 2017.
- Richards. K & Norcio, A.F. (2017) *Risk Analysis of the Discoverability of Personal Data Used for Primary and Secondary Authentication.* Poster Session presented at the DC Anonymity, Privacy and Security Seminar. UMBC. Catonsville, MD.
- Richards, K. & Norcio, A.F. (2016). Research Directions in Authentication and Personal Data. *Proceedings from the AHFE 2016 International Conference on Human Factors in Cybersecurity.* July 27-31, 2016.