

## Biographical Sketch: Anita Z. Schwartz, University of Delaware

Office of Information Technologies

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### PROFESSIONAL PREPARATION

University at Delaware Newark DE Computer and Information Sciences	B.A.	1983
University of Delaware Newark DE Computer and Information Sciences	M.S.	1989
University of Delaware Newark DE Information Systems and Technology Management	M.S.	2004
University of Delaware Newark DE Analytics: Optimizing Big Data	Certificate	2017

### APPOINTMENTS

7/2015 - present	<b>Scientific Application Consultant IV,</b> Office of Information Technologies, University of Delaware
2/2008 – 12/2016	<b>Adjunct Faculty,</b> Alfred Lerner College of Business & Economics, University of Delaware
7/1997 - 7/2015	<b>Information Resource Consultant IV,</b> Office of Information Technologies, University of Delaware
7/1996 - 7/1997	<b>Information Resource Consultant II/III,</b> Office of Information Technologies, University of Delaware
7/1990 - 7/1996	<b>Senior Consultant/Analyst II,</b> Office of Information Technologies, University of Delaware
11/1986 - 7/1990	<b>Senior Consultant/Analyst,</b> Office of Information Technologies, University of Delaware
11/1983 - 11/1986	<b>Applications Programmer/Analyst,</b> Engineering Department E.I. DuPont de Nemours & Co, Inc., Louviers Building, Newark, Delaware

### PRODUCTS

1. H. Neeman, H. M. Al-Azzawi, A. Bergstrom, Z. K. Braiterman, D. Brunson, D. Colbry, E. Colmenares, A. N. Fuller, S. Gesing, M. Kalyvaki, C. Mizumoto, J. Park, A. Z. Schwartz, J. L. Simms and R. Vania, 2018: "Progress Update on the Development and Implementation of the Advanced Cyberinfrastructure Research & Education Facilitators Virtual Residency Program." Proc. PEARC'18, paper 71. DOI: [10.1145/3219104.3219117](https://doi.org/10.1145/3219104.3219117).
2. IT contact for data required for UD faculty, Shanshan Ding, Tensor sufficient dimension reduction methods for neuroimaging and imaging genetic studies project via NCBI dbGaP (the Database of Genotypes and Phenotypes) Authorized Access system.

### SYNERGISTIC ACTIVITIES

1. **UD HPC team, XSEDE Campus Champion and XSEDE Service Provider Level 3:** support faculty and research groups about computing resources specifically available HPC resources, local and national.
2. **HPC Symposium Series:** coordinate and host three HPC symposium sessions to help promote and build UD's HPC Community. The series is held in February, June and September. All symposiums are designed for those researchers using or interested in using UD's High-Performance Computing (HPC) clusters. The February and September symposiums are one hour invited talks presented by a University research group about what they are accomplishing on the community clusters and conclude with a one hour open forum for researchers and IT staff: questions, answers, brainstorming, sharing. The June symposium is a poster session for research groups to highlight their research and how they are using cluster computing locally or nationally.

3. **Research Computing workshops:** Unix Basics and HPC Basics reaching 15-20 faculty four times a year, graduate and undergraduate students teaching Unix command line and HPC overview of UD's clusters and job submissions. Coordinate and host XSEDE HPC workshops offered by Pittsburgh SuperComputing Center.
4. **UDThesis and other scholarly publications support:** coordinate and teach workshop on formatting theses and dissertations; present two times a year to undergraduate and graduate research students the process and easiest way to produce their document representing their research. Also help faculty with book and journal publication.
5. **Research Data Management:** co-taught and consult with the Library about research data management and plans, specifically promoting and supporting University of California's DMPTool.
6. **Outreach events:** coordinate and support IT's efforts to promote Research Computing services at other campus events such as Graduate Research, Research Office for new faculty orientation and IT Tech Fair.