

MAUREEN M. MORTON, PH.D.

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EDUCATION

- Ph.D. in Applied Mathematics** (Numerical Analysis & Scientific Computing) June 2010
Michigan State University, East Lansing, MI
- B.A. in Mathematics/Slavic Languages & Literatures** May 2003
University of Kansas, Lawrence, KS

PROFESSIONAL EXPERIENCE

- Senior Research Engineer** April 2019-Present
N&R Engineering, Parma Heights, OH
- Perform probabilistic structural analysis, risk analysis, and reliability analysis for air and space applications
 - Develop software and new methodologies for analyses
- Returning Student Advisor** 2016-2019
Stark State College, North Canton, OH
- Advise returning students in registration for classes, plan schedules to meet major and prerequisite requirements (various majors), assist with change of major forms
- Co-Coordinator of *Your Story, Your Community, Your College*** 2014 - 2019
Student Support Services & Interfaith Campus Ministry, Stark State College, North Canton, OH
- Envisioned, founded, and implemented a community-building program for students, faculty, and staff
- Mathematics Instructor (Adjunct, ~12 credits/sem since Spring 2016)** 2013-2019
Stark State College, North Canton, OH
- Courses taught: Calculus, College Algebra, Trigonometry, Statistics, Precalculus, Math for Technology
 - Taught Timken Early College High School students (2016-2019)
 - Designed and taught Matchless Measures math workshop for Kids' College, 2014
- Instructor for Adult Degree-Completion; Mathematics (Adjunct)** 2014-2015; 2019
Malone Management Studies; Dept. of Science & Mathematics, Malone University, Canton, OH
- Taught accelerated Survey of Business Algebra for adult degree-completion students
- Volunteer Assistant for Adults with Developmental Disabilities** 2012-2013
First Christian Day Services, Canton, OH
- Recreational Coordinator for Adults and Teens with Developmental Disabilities** 2011-2012
POWERcorps, a program of Family & Community Services and Portage County Board of DD, Ravenna, OH
- Planned and implemented recreational, social, and educational activities for adult and teen consumers in groups of 6 - 40 (as team lead and as support staff, >900 hours service)
 - Led professional development training session for co-workers
- Information Desk Receptionist** 2011-2012
Kent Medical Arts Building, Kent, OH
- Assisted patients and visitors through Robinson Memorial Hospital (>180 volunteer hours)
- Russian Language Instructor (Adjunct)** 2010-2011
Kent State University, Kent, OH
- Taught Russian conversation classes (Elementary I, II; Intermediate II)
- Mathematics Graduate Instructor** 2004-2010
Michigan State University, East Lansing, MI
- Taught College Algebra, Survey of Calculus I/II; tutored Calculus, Differential Equations, Real Analysis
 - Coordinated standardization of course plans and exams for Survey of Calculus II instructors, 2009
- Orientation Facilitator for International Teaching Assistants** August 2009
Michigan State University Teaching Assistant Programs, East Lansing, MI
- Co-facilitated trainings and discussions about cultural educational differences; observed practice teaching