

Dr. Daniel N. Mortensen, Ph.D.

Brigham Young University

Department of Chemistry and Biochemistry

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Education

- Postdoctoral: Brigham Young University, 2016—2017
- Ph.D.: Chemistry, University of California, Berkeley, 2011—2016
- B.S.: Chemistry, Brigham Young University, 2008—2011
- Eastern Arizona Community College, 2005—2006

Relevant Work Experience

Brigham Young University (2017—2021)

- Assistant Professor of Chemistry & Biochemistry
 - Teach general chemistry & analytical chemistry courses (~360 students)
 - Oversee ~20 teaching assistants
 - Reviewed 6 journal articles
- Director—Biological Mass Spectrometry Core Facility & Cell Sorting Core Facility
 - Design facility layout
 - Oversee and maintain 2 to 3 million dollars' worth of scientific instrumentation
 - Direct 6 research assistants, including training new assistants
 - Assist users from more than 6 departments (~20 unique research groups)
 - Training new users
 - Coordinating facility schedules
 - Help design and implement diverse experiments
 - Manage facility expenses
 - Develop and oversee facility fee structures
 - Order supplies, new equipment, third-party technical assistance

University of California, Berkeley

- Research assistant (2011—2016)
- Teaching assistant (2011—2013)
 - 3 semesters: general chemistry & instrumental analysis
 - Lecturing/grading

High School Tutor, Berkeley, CA (2013—2015)

- Chemistry & Physics

Brigham Young University (2009—2011)

- Research assistant
- Teaching assistant
 - 7 semesters: general chemistry & organic chemistry
 - Lecturing/grading

Eastern Arizona Community College (2006)

- Teaching assistant
 - 1 semester: general chemistry
 - Grading

Summary of Publications/Professional Presentations

- 14 peer reviewed journal articles in 7 different scientific journals, including the *Journal of the American Chemical Society*
- 12 professional presentations at scientific conferences
(Complete lists available upon request)

Committee Work

- Mass spectrometry committee (Brigham Young University, 2017—2019)
 - Oversee maintenance of department mass spectrometry equipment
 - Committee chair: 2018—2019
- Major instruments committee (Brigham Young University, 2019—2021)
 - Oversee maintenance of all department core facility equipment
 - Committee chair: 2019—2021

Professional Societies

- American Society for Mass Spectrometry (2009—2021)
- United States Human Proteome Organization (2017—2021)
- Association of Biomolecular Resource Facilities (2019—2021)

Honors and Awards

- Richard A. Schaeffer Memorial Fund Travel Award, 2015
- UC Berkeley Graduate Division Conference Travel Grant, 2015
- Scott C. & Joanne H. Pugh Scholarship, Brigham Young University, 2009—2011
- Undergraduate Research Award, Brigham Young University, 2009—2011
- Brigham Young Scholarship, Brigham Young University, 2008—2011
- Chemistry Student of the Year, Eastern Arizona College, 2006