

Nathan Moore

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#### Education

- PhD, Physics, University of Minnesota – Twin Cities, 2006
- BS, Applied Physics, Grove City College, 2000

#### Academic experience

- Winona State University, Professor, 2015-present, full time
- Winona State University, Chair, full time, 2012-13, 2019-2022
- Winona State University, Associate Professor, 2010-2015, full time
- Winona State University, Assistant Professor, 2005-2010, full time

#### Non-academic experience

- IBM, Life Science Application Analysis, 2005, part-time

#### Certifications or professional registrations

- Software Carpentry Instructor

#### Current membership in professional organizations

- Institute of Electrical and Electronics Engineers (IEEE)
- American Society for Engineering Education (ASEE)
- American Modeling Teachers Association (AMTA)

#### Honors and awards

- IEEE Senior Member

#### Service activities

- WSU Curriculum Committee
- Organized 4 Software Carpentry Workshops, MN State systemwide, 2017
- Editor (one of several), Software Carpentry Python Gapminder lesson, 2017-2021  
<https://swcarpentry.github.io/python-novice-gapminder/>

#### Important publications/presentations in past five years

- “Small Oscillations via Conservation of Energy,” Tia Troy, Megan Reiner, Andrew J. Haugen, and Nathan T. Moore. (IOP) Physics Education, vol. 52, no. 6, 2017. <http://arxiv.org/abs/1407.5243>

#### Most recent professional development activities

- Software Carpentry Instructor Training 2016-17
- WeTeach “Quality Matters” online teaching course, Summer 2019 (before Covid!)
- ABET symposium, April 2021
- Chair Duties 2019-2022