

Associate Professor  
Carleton College Physics & Astronomy Department  
One North College St.  
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## Education

- 8/2010 Ph.D. Physics Indiana University  
Advisor: V. Alan Kostelecký Bloomington, Indiana
- 3/2008 M.S. Physics Indiana University  
Bloomington, Indiana
- 5/2003 B.S. Physics Education Northern Michigan University  
Michigan Teaching Certification Marquette, Michigan

## Professional Positions

- 9/2021- Associate Professor Carleton College  
Present Northfield, Minnesota
- 9/2016- Assistant Professor Carleton College  
8/2021 Northfield, Minnesota
- 9/2014- Visiting Assistant Professor St. Olaf College  
8/2016 Northfield, Minnesota
- 9/2011- Visiting Assistant Professor Carleton College  
8/2014 Northfield, Minnesota
- 8/2010- Visiting Assistant Professor Whitman College  
8/2011 Walla Walla, Washington
- 2/2010- Visiting Assistant Professor Franklin College  
5/2010 (while finishing dissertation) Franklin, Indiana

**Research Interests:** theoretical investigations of fundamental symmetries, and the facilitation of associated tests, including those done with the Laser Interferometer Gravitational-Wave Observatory (LIGO).

## Awards

- 4/2009 William Koss Memorial Award Indiana University  
for excellence in research and teaching Bloomington, Indiana

## Publications

### Papers on fundamental symmetries

*Click Here*

### LIGO Collaboration Papers

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