

prof. cara battersby

Assistant Professor

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Professional Preparation (selected)

Assistant Professor, UConn Physics, 2017-present
NSF Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics: 2016-2017
SMA Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics: 2013-2016
PhD Astrophysics, University of Colorado at Boulder: August 2013

Honors and Awards (selected)

- ◆ **NSF Astronomy & Astrophysics Grant**, recommended for funding (\$390k), 2018
- ◆ **Provost's Letter** of Recognition for Teaching Excellence, 2017
- ◆ **"BiteScis" K12 grant** from the Templeton Foundation (\$215k), 2017
- ◆ **Appointed by NASA** to Decadal Science & Technology Definition Team, 2016

Scientific Achievements (selected)

- ◆ **Author** of 46 refereed publications, with over 2500 citations, h-index of 26
- ◆ **PI** of the large, international *CMZoom* collaboration
- ◆ **Invited** to give 5 review/keynote talks at international conferences and 31 invited conference presentations and colloquia
- ◆ **Press:** Research and outreach highlighted in 12 online publications
- ◆ **Granted** >1,000 hours of premier telescope time through competitive peer-review

Widening Access to Science (selected)

- ◆ Founder and co-leader of the **BiteScis** (bitescis.org, @bitescis) outreach program, bringing modern science research into the K12 classroom, profiling the work done by diverse, young scientists.
- ◆ Founder and co-leader of the **CU-STARs** (www.colorado.edu/aps/undergraduate-students/cu-stars) program to recruit and retain students from traditionally underrepresented backgrounds in STEM.
- ◆ **Science advisor** for the play, *The Women Who Mapped the Stars* (2017).
- ◆ Led **outreach event** for Hartford Public Schools (2018) and solar eclipse viewing (2017).

Research Mentorship and Teaching (selected)

Research mentor for 4 graduate, 15 undergraduate, and 1 high school student (10 young women total) in the last 5 years. Co-developing new astrophysics program at UConn, including astrophysics minor, and 4 new courses. Devoted teacher and mentor.
