
REBECCA ANNE

ROBINSON

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Publications <https://tinyurl.com/beccaspubs>

ABOUT ME

Michigan born, Norwegian transplant. I'm a curious and driven researcher who has worked on projects worldwide, from drilling ice cores on Icelandic glaciers to analyzing solar MHD simulations from my couch in Norway. In terms of outreach, I've been visible on nearly every platform imaginable: schools, museums, universities, national parks, cruise ships, virtual classrooms, and social media. If you're looking for a communicator with a science background who is proficient at making hard science accessible to a variety of audiences, then you're looking for me!

CAREER

MUSE Outreach Lead **2024**
SETI Institute | Mountain View, California
(I serve as the point of contact between the MUSE science team, the outreach team, and NASA HQ. I'm also responsible for managing and maintaining our partnerships with Chabot Science Center, California Academy of Sciences, Boys & Girls Club of the Peninsula, and more.)

EDUCATION

PhD Theoretical Astrophysics - Solar Physics **2023**
Rosseland Centre for Solar Physics, University of Oslo | Oslo, Norway

MSc Geophysics - Glaciology **2018**
University of Iceland | Reykjavík, Iceland

BSc Physics **2013**
Michigan State University | East Lansing, Michigan, USA

BSc Astrophysics **2013**
Michigan State University | East Lansing, Michigan, USA

TEACHING

PHYSICS & MATHEMATICS TUTOR 2015-2019

Chegg Inc. | *virtual*

- Provided video-based solutions to textbook problems
- One-on-one tutoring sessions with university students

ELEMENTARY MATHEMATICS TUTOR 2016

Mathnasium | *Okemos, Michigan, USA*

- One-on-one tutoring sessions with grade school students

UNIVERSITY ASTRONOMY TEACHER 2013-2014

Clemson University | *Clemson, South Carolina, USA*

- Taught basic astronomy lessons
- Facilitated student lab work

UNIVERSITY MATHEMATICS TUTOR 2010-2013

Michigan State University | *East Lansing, Michigan, USA*

- Fulfilled duties in the Math Learning Center (tutoring center)
- Led plenary work sessions in the classroom

OUTREACH

Hurtigruten Expeditions (2021-now)

- Curate and execute onboard science content
- Lecture series on solar physics, aurora
- Aurora observation reports
- Aurora data analysis workshop
- Partnership with Aurorasaurus citizen science project (NASA/NSF)

Badlands National Park (2013-2015)

- Public solar observations
- Mini lectures
- Night sky tours & observations

SKILLS

Technical

- Python
- HPC
- Data management
- Data visualization

Professional

- Accessible science writing
- Accessible popular writing
- Feedback & proofreading
- Effective verbal communication
- Confident presenter
- Flexible (yet efficient) time management
- Able to work remotely

Personal

- Leadership
- Independence
- Self-drive
- Travel (50+ countries)

Languages

- English (Native)
- Norwegian (B2 professional proficiency)

REFERENCES

**Mats
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