

# Andrew P. Sabelhaus

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## EDUCATION

### PH.D. MECHANICAL ENGINEERING

Dissertation title: *Tensegrity Spines for Quadruped Robots*

Dissertation Committee: Alice M. Agogino (Chair), Andrew Packard, Claire Tomlin, Murat Arcaç

University of California, Berkeley

August 2019

### M.S. MECHANICAL ENGINEERING

Thesis: *Mechanism and Sensor Design for SUPERball, a Cable-Driven Tensegrity Robot*

Thesis Committee: Alice M. Agogino, Dennis Lieu

University of California, Berkeley

Dec. 2014

### B.S. MECHANICAL ENGINEERING

Minor in Computer Science

University of Maryland, College Park

May 2012

## APPOINTMENTS

### Boston University

Department of Mechanical Engineering

Division of Systems Engineering

Center for Information Systems and Engineering

Assistant Professor

2022 - Present

2022 - Present

2022 - Present

### Carnegie Mellon University

Department of Mechanical Engineering

Postdoctoral Research Fellow

2019 - 2021

### NASA Ames Research Center

Intelligent Systems Division

Visiting Technologist

2015 - 2019

### University of California, Berkeley

Department of Mechanical Engineering

Graduate Research Fellow

2012-2019

## AWARDS AND HONORS

5. **NSF Faculty Early Career Development Program (CAREER) Award.** National Science Foundation. Title: *Safe Autonomy for Soft Robots.* 2024-2029.
4. **Intelligence Community Postdoctoral Research Fellowship.** Office of the Director of National Intelligence. Title: *Rapid Deployment of Hard-to-Control Robots with Optimality Tradeoffs.* 2020-2022.
3. **NASA Space Technology Research Fellowship.** National Aeronautics and Space Administration. Title: *Trajectory Tracking in Nonlinear, High-Order, Underactuated Robotic Systems.* 2015-2019.
2. **Markowski-Leach Foundation Award.** Awarded to LGBTQ individuals at San Francisco Bay Area institutions who "are likely to make a substantial contribution to society." 2013-2014, re-awarded 2016-2018.
1. **NSF Graduate Research Fellowship.** National Science Foundation. 2012-2015.

## RESEARCH OUTPUT SNAPSHOT

Peer-Reviewed Publication Count:				Total Citations:	h-index:
	Conference:	Journal:	Total:		
1st-Author or PI:	10	5	15	1378* (664 <sup>†</sup> )	16* (11 <sup>†</sup> )
All:	15	12	27		

\*Via Google Scholar, <https://scholar.google.com/citations?user=ze69yEMAAAAJ&hl=en>.

<sup>†</sup>Via Web of Science, <https://www.webofscience.com/wos/author/record/1791313>.