

Heera Immandi

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EDUCATION

Arizona State University (ASU) <i>Bachelor of Science in Biological Sciences</i>	Aug 2024 – Present <i>Tempe, AZ</i>
<ul style="list-style-type: none">• Activities and Societies: School of Life Sciences Undergraduate Research (SOLUR), Women in STEM, Ocean Conservation Club• Dean's List, Spring 2025	

RELEVANT EXPERIENCE

Undergraduate Researcher <i>Neuer Lab / Arizona State University</i>	Aug 2024 – Present
<ul style="list-style-type: none">• Visualizing large datasets with Microsoft Excel and Ocean Data View• Maintaining and monitoring growth of various phytoplankton and microzooplankton cultures• Performing cell counts using epifluorescence microscopy and a counting chamber• Volunteering in outreach events with the School of Ocean Futures• Managing the lab's website and Instagram account	
NSF Research Experience for Undergraduates (REU) Intern <i>Krause Lab / Dauphin Island Sea Lab</i>	June 2025 – Aug 2025
<ul style="list-style-type: none">• Practicing multiple types of chemical silica digestions• Maintaining and monitoring growth of 12 <i>Synechococcus</i> clones• Conducting dissolved silica analysis with a spectrophotometer• Measuring cell abundance in vivo fluorescence using a fluorometer	

SCIENTIFIC PUBLICATIONS

Manuscripts in coauthor revisions:

1. Amy M. Hansen, **Heera Immandi**, Susanne Neuer, Alexandra L. Freibotta, John R. Casey, and Michael W. Lomas. Seasonal and interannual variability of the Sargasso Sea plankton community.

POSTERS AND PRESENTATIONS

American Geophysical Union Annual Meeting 2025, New Orleans, LA, USA - Accepted, Registered	Dec 2025
Heera Immandi, et al., What is the Chemical Composition of Silica Produced by the Marine Cyanobacterium, <i>Synechococcus</i>? Poster Presentation	

FUNDING AND FELLOWSHIPS

NSF Research Experience for Undergraduates	June 2025
Funded program supporting independent undergraduate research and scientific training at Dauphin Island Sea Lab	
ASU School of Life Sciences Undergraduate Research (SOLUR) Scholar	Aug 2025
Funded program supporting independent undergraduate research in the life sciences	

PROFESSIONAL AND SOCIETY MEMBERSHIPS

The Oceanography Society (Student membership)	Aug 2023 - Present
American Geophysical Union (Student membership)	Jan 2024 - Present
American Society for Microbiology (Student membership)	July 2025 - Present