

# Heera Immandi

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## EDUCATION

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

## RELEVANT EXPERIENCE

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

<b>Herbarium Volunteer</b> <i>Botanical Research Institute of Texas, Fort Worth Botanic Garden</i>	<b>May 2024 – Aug 2024</b>
<ul style="list-style-type: none"><li>• Assisted with the Heber W. Youngken medicinal collection</li><li>• Transcribed, georeferenced, imaged, and digitized various specimens, including lichens and vascular plants</li><li>• Utilized TORCH and lichen portals</li></ul>	

## 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

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

## FUNDING AND FELLOWSHIPS

<b>NSF Research Experience for Undergraduates</b>	<b>June 2025</b>
Funded program supporting independent undergraduate research and scientific training at Dauphin Island Sea Lab	
<b>ASU School of Life Sciences Undergraduate Research (SOLUR) Scholar</b>	<b>Aug 2025</b>
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**