

Heera Immandi

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EDUCATION

Arizona State University (ASU) <i>B.S. in Biological Sciences, B.S. in Earth & Environmental 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), Ocean Conservation Club• Dean's List, Fall 2025	

RELEVANT EXPERIENCE

Undergraduate Researcher <i>Neuer Lab / Arizona State University</i>	Aug 2024 – Present
Project: Measuring grazing rates and photosynthetic gene expression of mixotroph <i>Florenicella parvula</i> under oligotrophic conditions	
Skills: Python, Microsoft Excel, Ocean Data View, epifluorescence microscopy, maintaining and monitoring growth of various phytoplankton & microzooplankton cultures, running nitrate and phosphate assays	
NSF Research Experience for Undergraduates (REU) Intern <i>Krause Lab / Dauphin Island Sea Lab</i>	June 2025 – Aug 2025
Project: Investigating the chemical composition of silica produced by marine cyanobacterium <i>Synechococcus</i>	
Skills: R, chemical (HF, HCl, NaOH) digestions, spectrophotometric dissolved SiO ₂ analysis, fluorometric chl a quantification, maintaining and monitoring growth of 12 <i>Synechococcus</i> clones	

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 (AGU) Annual Meeting 2025, New Orleans, LA, USA	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 at ASU	

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

REFERENCES

Dr. Susanne Neuer, susanne.neuer@asu.edu

Professor, School of Ocean Futures / School of Life Sciences

Arizona State University, Tempe, AZ, US

Dr. Jeffrey Krause, jkrause@disl.edu

Professor, Stokes School of Marine & Environmental Sciences

Senior Marine Scientist

University of South Alabama, Mobile, AL, US

Dauphin Island Sea Lab, Dauphin Island, AL, US