

# Heera Immandi

himmandi@asu.edu / heeraimmandi.github.io / linkedin.com/in/heerai

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## EDUCATION

### Arizona State University (ASU)

Aug 2024 – Present

*B.S. in Biological Sciences, B.S. in Earth & Environmental Sciences*

*Tempe, AZ*

- Activities and Societies: School of Life Sciences Undergraduate Research (SOLUR), Ocean Conservation Club
- Dean's List, Fall 2025

## RELEVANT EXPERIENCE

### Undergraduate Researcher

Aug 2024 – Present

*Neuer Lab / Arizona State University*

Project: Measuring grazing rates and photosynthetic gene expression of mixotroph *Florenciella parvula* 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

June 2025 – Aug 2025

*Krause Lab / Dauphin Island Sea Lab*

Project: Investigating the chemical composition of silica produced by marine cyanobacterium *Synechococcus*

Skills: R, chemical (HF, HCl, NaOH) digestions, spectrophotometric dissolved SiO<sub>2</sub> analysis, fluorometric chl a quantification, maintaining and monitoring growth of 12 *Synechococcus* 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, *Synechococcus*? 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](mailto: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](mailto: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*