



## Sarah Anderson



*BA, Biology (Ripon College)*

*PhD Student in Botany (Washington State University)*

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The NSPIRE IGERT Program is a multidisciplinary student doctoral training program designed to create a new generation of scientists with broad and rigorous training in nitrogen cycling who seamlessly integrate nitrogen cycle science for effective communication with public policy makers.

### Research title:

## Where Ecology, Biogeochemistry, and Human Impacts Meet

Sarah is interested in the intersection of landscape ecology and biogeochemistry, and how humans impact interactions between the two. Specifically, she wants to focus on the interface between different spheres of biogeochemical cycles such as between the biosphere, atmosphere, and hydrosphere. Through the use of stable isotopes and other techniques, she plans to look at human inputs to the nitrogen cycle and how they affect natural nutrient cycling processes. By using an interdisciplinary lens, she hopes to bring together different scientific fields and apply her research to social and political issues.

### **Contact information:**

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