

- **Personal Information**

Name: Zach LaTurner

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Address: 616 NE Northlake Pl, Seattle, WA 98105 (University of Washington, Benjamin Hall IDR Bldg)

- **Education**

Applying to PhD programs for Fall 2018

BS in Chemical Engineering

University of Washington

Sept 2010 – July 2014

- **Research Interests**

The research I am involved with in Dr. Winklers lab centers upon the development of synthetic granules of Anammox/AOB and Anammox/AOA for low cost removal of nitrogen from wastewater. My main role within that is characterizing the growth of AOB and AOA.

PhD Research

I am currently in the process of applying to graduate school. The general theme of the programs I am interested in is treatment and/or resource recovery from wastewater via microorganisms. These programs interest me because I am very passionate about helping and having a positive impact on the environment. Going forwards it will be essential for society to learn how to most efficiently manage its waste and water supplies to minimize pollution and maximize the ability to utilize resources. Additionally, I find it fascinating that life, both microscopic and macroscopic, can arise from the laws of nature. More specifically, the sheer number and type of different methods of survival by microorganisms is astounding!

- **Professional Experience**

Environmental Specialist II

Stericycle

May 2016-Present

I am embedded at the Allen Institute (AI) research center. My main responsibility is managing the hazardous (biological, chemical, pharmaceutical, and radioactive) waste produced at AI to ensure proper environmental and regulatory compliance. I also assist with other Environmental, Health, and Safety related tasks.

- **Scientific Output**

In Progress

- **Awards**

- **Scholarships**