



**Nazanin Akrami**  
**University of California**  
**USA**

Nazanin is a PhD student in Agricultural and Environmental Chemistry at University of California – Davis. She is focused on understanding Nitrous Oxide consumption processes and mechanisms in a wide range of soils with diverse physical and chemical properties. Nazanin finished her undergraduate studies in Pure Chemistry at Sharif University of Technology in Tehran, Iran in 2012. Working with different NGOs and finding SUT Environmental Group with her colleagues in 2009, she ultimately decided to use her chemistry background to address applied real world environmental problems. She later on started graduate school in the school of Plant, Environmental and Soils Sciences at Louisiana State University where her master thesis research was focused on transport of heavy metals in soils and was conducted under supervision of Dr. Magdi Selim. Given the complexity of environmental problems, Nazanin genuinely believes problem solving in environmental fields meets the necessity of having a diverse education and exploration in many different areas. Therefore in summer 2014 she accepted the challenge and joined Dr. William Horwath's lab in where she started to explore and study Nitrogen Cycling with respect to Nitrous Oxide consumption processes in soils and related 21st century greenhouse gas and climate change mitigation practices. She is looking forward to join the summer school in Brazil and is grateful to be funded to join the program.