

Kristin Bryant

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Objective

I am pursuing a Master of Science in Chemical Engineering at Washington State University focusing on developing methods to support catalytic nanoparticles using switchable ionic solvents.

Education

Washington State University, Pullman, WA
Degree: Bachelor of Science, Bioengineering
Minor: Mathematics

Graduated May 2015

University Of Salamanca, Salamanca, Spain
Semester Abroad, Spanish Language Studies

July – September 2012

Work/Research Experience

Research Assistant at USDA ARS Western Regional Small Grain
Genotyping Lab, Pullman, Wa

October 2013-January 2016

- Responsibilities: DNA amplification through PCR, large Scale DNA extractions, data analysis using genetic markers, mRNA isolation and gel electrophoresis

Co-Founder and Researcher at Surfacide Solutions, Pullman, Wa

August 2014-Present

- Helped to develop a antimicrobial paint on coating using copper nanoparticles for use in hospital gyms and other high traffic/ high touch locations

Intern at Matrix Genetics, Seattle, WA

May-August 2014

- Focused on improving photosynthesis for greater lipid production in cyanobacteria for the purposes of algal biofuel production
- Responsibilities: Western Blot analysis, solvent extractions, bioreactor maintenance, kill curves using Metronidazole, bacterial plating, Ultraviolet-Visible Spectroscopy, and weekly presentations to the CEO

Collegiate and Community Experience

Bioengineering Student Mentor

Spring 2014

Member of the Society For Women Engineers and Biomedical
Engineering Society, Pullman, WA

Fall 2012 – Spring 2014

Organic Chemistry tutor, Western Washington University,
Bellingham, WA

Fall – Summer 2011

Computer Skills

- Mathworks MATLAB and Simulink, COMSOL Multiphysics, Microsoft Office