

John Blackhurst

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Education

Michigan State University, East Lansing, MI

August 2014-present

- Bachelor of Science Biosystems Engineering
- Concentration in Food Engineering
- Cumulative GPA: 3.79/4.0

Expected Graduation May 2018

Awards

- Michigan State University Dean's List Fall 2014/Spring 2015/Fall 2015/Spring 2016/Fall 2016
- Michigan State University Biosystems Engineering Scholarship 2014-2016

Experience

Michigan State University Research Assistant: East Lansing, MI

May 2015-present

- Working in bio-energy research lab run by Dr. Wei Liao and Dr. Yan Liu
- Gained experience applying classroom knowledge in a research setting

Summer 2016:

- Assembled and operated a self-sustainable carbon-neutral waste water treatment system at the MSU Anaerobic Digestion Research and Education Center
- Trained new undergraduate employees in the methods and equipment used in the day-to-day operations of the lab
- Presented research at the MSU MID-SURE research conference on a carbon-neutral waste water treatment system

Academic Year 2015/2016:

- Performed experiments in the field of anaerobic digestion of animal waste using enzymes to facilitate the anaerobic process

Summer 2015:

- Performed experiments in the field of anaerobic digestion of waste materials and fungal fermentation
- Presented research on the use of bio-oils derived from woody biomass as a substrate for anaerobic digestion at the MSU MID-SURE research conference

Seasonal Laborer: Novi, MI

June 2014-August 2014

- Maintained local parks, painted soccer fields, cleaned bathrooms, dragged baseball fields
- Worked as a member of a team to accomplish our tasks

Activities

- Michigan State Biosystems Engineering Club 2014-present
- Northville High School Football 2010-2014