

# Kyle Nussdorfer

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## Education

**Michigan State University.** East Lansing, MI

Expected May 2017

B.S. Biosystems Engineering

- Economics Minor
- Biosystems Engineering Club
- GPA 3.2/4

Fall 2015-Present

## Experience

**Clinical Trial Operations Intern – AbbVie**

May–August 2016

- Initiated 4 global clinical trials working cross functionally between diverse groups
- Collaborated with internal teams to successfully acquire a new drug and its corresponding clinical trials
- Composed a clinical site contact list of over 900 sites in 39 countries to allow for efficient study start-up
- Created training resources to be utilized by new team members

**Biofuel Research Intern – CenUSA**

May–August 2015

- Utilized pyrolysis and solvent liquefaction reactors to thermochemically convert biomass to bio-oil
- Developed novel SOPs to measure thermophysical properties of post-production bio-oil
- Collected data to ensure that the scale-up of biofuel processing had an accurate mathematical foundation

**Undergraduate Research Assistant – Michigan State University**

September 2013–January 2015

- Optimized growth of algae colonies in a laboratory setting for use as biofuel
- Investigated methods to mitigate pollutants from poultry farms exhaust
- Operated magnetic bio-sensors to accurately monitor E. coli levels in various solutions
- Conducted field work and performed experiments in a BSL-3 certified laboratory

**Lacrosse and Hockey Referee – US Lacrosse / MHSAA**

August 2009–Present

- Developed both strong game management and interpersonal skills resulting in opportunities to referee higher skill levels
- Trained incoming referees to ensure they developed a comprehensive understanding of the game
- Selected for lacrosse state tournament playoffs due to my position as a top 5 referee in the district

## Skill Profile

**Eagle Scout – Boy Scouts of America**

August 2010-July 2011

- Proposed and designed a boardwalk that was approved by the city council to be used in a local park
- Directed a team of more than 50 volunteers to construct, transport and install the boardwalk
- Fundraised \$1,200 from several local businesses to fund the project
- Presented my final project alongside a plan to maintain the integrity of the bridge in perpetuity

**Competent Java programmer and comprehensive knowledge of Microsoft Office Suite**

**Experienced in 3-D modeling and design**