

Amanda G. Godar

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Education

Michigan State University, East Lansing, MI 8/2015-Present

- 3.74/4.0 GPA
- Bachelor of Science: Biosystems Engineering *Expected Graduation 5/2019*
- Minor: Environmental Studies and Sustainability
- Honors College
- National Society of Collegiate Scholars (NSCS) School Chapter

Work/Research Experience

Professorial Assistantship, Biosystems & Agricultural Engineering, East Lansing, MI 8/2015- Present

- Researching agricultural/industrial application of phosphorous removal using engineered media
- Supervised a test procedure for SNR phosphorous removal spring 2016
- Presented at the Fate of the Earth Conference held at Michigan State University

Honors College Freshman Research Program, Havana, Cuba 9/2015- 3/2016

- Analyzed urban sustainability of food distribution for a formal research paper/project
- Developing socio/political cultural understanding for a professional career

College-High School Research Team (COHORT) Mentor 3/2016-5/2016

- Supervised the training of a high school student as a research assistant

EPA People, Prosperity and Planet project in Costa Rica, East Lansing, MI 9/2015-Present

- Traveled to Costa Rica for creation of water filtration and waste management system
- Working as part of a small team to develop a monitoring system of a sustainable engineering project
- Evaluated several designs created by other small teams on the project

Volunteer/Student Organization Experience

TEDxMSU Logistics Director 5/2016-Present

- Coordinating Economic, Legal, Marketing, and Community Elements of a Director Board
- Organizing the logistics of a multi thousand person attendance to a spring conference

Biosystems Engineering Club 10/2015-Present

- Collaboration in events supporting departmental growth

Residential Initiative on the Study of the Environment 11/2016-Present

- Active in an interdisciplinary program focused on sustainability and environmental stewardship
- Developing programs to educate the undergraduate community

Leadership Advantage, East Lansing, MI 8/2015-9/2015

- Refined leadership skills through team based engineering activities
- Prepared for a professional engineering career through workshop experience

German American Partnership Program, Student Exchange Program, Lübeck, Germany 6/2014-7/2014

- Travelled for full immersion lifestyle in Lubeck, Germany as an exchange student
- Studied the cultural similarities and differences for group discussion

Honors/Awards

- Howard and Esther McColly Scholarship Award 4/2016
- Undergraduate Research and Arts Forum; First Place Poster Award 3/2016
- Biosystems Engineering Undergraduate Scholarship 6/2015
- In State Tuition Grant 2/2015