

Chad Spreadbury

Gainesville, FL 32608 • (727) 698-4327 • c.spreadbury24@ufl.edu • <http://chadspreadbury.com/>

EDUCATION

- Doctor of Philosophy in Environmental Engineering Sciences** May 2020
University of Florida, Gainesville, FL
GPA: 4.0
- Bachelor of Science in Environmental Engineering Sciences** May 2016
University of Florida, Gainesville, FL
GPA: 3.90
- Associate in Arts (Pre-Engineering)** May 2013
St. Petersburg College, Clearwater, FL
GPA: 4.0

RESEARCH & TEACHING

- Graduate Research & Teaching Assistant**, University of Florida, Gainesville, FL 5/2016-Present
- Managed solid & hazardous waste research in litter prevention & WTE residue beneficial use.
 - Mentored undergraduates in scientific research with emphasis on methodology and theory.
 - Chosen to co-teach *Introduction to Engineering* for Summer B and Fall 2016 semesters.
 - Guided discussion of environmental engineering topics for hundreds of students/semester.
- University Scholars Program**, University of Florida, Gainesville, FL 2/2015-4/2016
- One of 200 students chosen throughout UF to engage in research for 2015/16 academic year.
 - Compared FTIR & Boehm titrations to analyze activated carbon surface group functionality.
 - Disseminated findings at CURBS, ESSIE & Undergraduate Research Symposia & FURC.
 - Submitted journal article to UF's JUR & defended honors thesis for *summa cum laude*.
- Graham Center Civic Scholars**, University of Florida, Gainesville, FL 2/2014-4/2016
- Published two reports on infrastructure issues in Gilchrist County, FL and Florida as a whole.
 - Investigated & published a report on food insecurity in Union County, FL in 2015.
 - Collaborated with county officials to pinpoint local dilemmas and solutions.
 - Published a public policy brief on alleviating food insecurity with nanotechnology.
 - Mentored 50 scholars in 2016 to research mental health services for children in Florida.

STUDENT ORGANIZATIONS

- Webmaster, Social & Alumni Chairs**, FL-A Tau Beta Pi, Gainesville, FL 4/2015-Present
- Facilitated society communications in and outside of organization via website maintenance.
 - Led socials to increase organization cohesiveness and encourage membership & retention.
- Vice President**, UF Chapter of Chi Epsilon, Gainesville, FL 4/2014-4/2015
- Fulfilled leadership roles including President, assisted in organization's planning & duties.
 - Coordinated guest speakers to come and present their knowledge at general body meetings.
 - Organized Fundamentals of Engineering exam reviews for both members and nonmembers.
- Mentor**, Motiv-8, Gainesville, FL 9/2013-4/2014
- Volunteered 1 hour/week at middle schools inspiring academic confidence in mentees.
 - Explored future academic and career opportunities with mentees, focusing on STEM.
- Promotional Officer**, Florida Engineering Society, Clearwater, FL 8/2012 to 5/2013
- Selected to present at the 2013 Florida Engineering Society Leadership Conference.
 - Recipient of Pinellas Chapter of FES Scholarship Award.