JUSTIN PAUL SKINNER

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EDUCATION

Arizona State University- Tempe, Arizona

PhD Student Environmental Engineering

January 2020-Current

Heriot-Watt University-Edinburgh, Scotland

Masters of Science Water and Environmental Management

September 2017-September 2018

College of Charleston Honors College- Charleston, SC

Bachelor of Science Degree Major: Marine Biology GPA: 3.57 *Cum laude*

Aug 2011-May 2015

Dreher High School-Columbia, SC

Academic/Honors Diploma GPA : 4.676

EMPLOYMENT EXPERIENCE

March 2019-December 2019 Environmental Health Specialist Pima County Health Department

* Conducting inspections of food service establishments in order to safeguard public health.
* Registered Sanitarian Arizona

September 2018-October 2018 Retreat Assistant at the Center for Biological Diversity. Tucson, Arizona

* Handled logistics for the preparations for and carrying out of a corporate retreat for 150 persons.

May 2018 – August 2018 Geochemistry Casual Worker at Lyell Centre of British Geological Survey at Heriot-Watt University studying aquatic carbon export for peri urban peatlands

* Prepared equipment for fieldwork
* Filtered Particulate Organic Carbon (POC) from field samples.

November 2016-August 2017 Environmental Health Manager at South Carolina Department of Health and Environmental Control (SC DHEC) at Lancaster Environmental Quality Control

* Monitored quality in rivers, lakes and streams as part of SC Ambient Water Quality Monitoring Network
* Inspected industry for compliance with liquid effluent contracts.
* Investigated community pollution complaints

September 2015-July 2016 Volunteer at SARAR Transformacion (sustainable sanitation NGO), Tepoztlan, Morelos, Mexico (Spanish proficient)

* Helping with hygiene and sanitation workshops in rural Mexican schools.
* Leading tours of demonstration center highlighting sustainable sanitation technology.
* Building and installing ecological sanitation facilities (dry toilets, feces composting stations, soapy water treatment systems)
* Participating in the organization, planning, realization, and summarization of grant based environmental NGO projects.

May 2014-July 2014 Student researcher at the University of South Carolina’s Marine Biogeochemistry Research Experience for Undergraduates (NSF funded)

* Tested environmental and clinical isolates of *Vibrio vulnificus* for antibiotic resistance.
* Initiated a multigenerational experiment growth to analyze the effect of treated waste water effluent on genomic evolution of *Vibrio vulnificus.*

May 2013- July 2013

* Counselor at Camp Lutherock. Lutheran high adventure camp in Boone, NC
* Responsible at various times for children in grades 3-12.
* Leader in faith formation activities, outdoor guide, and music.

May 2012- August 2012

* Keys Adventure Mate at the J. Porter Brinton Environmental Center of the Florida National High Adventure Sea Base of the Boy Scouts of America
* Led high-school-aged Boy Scouts on activities such as sailing, snorkeling, deep sea fishing, paddle boarding, and gave history and ecology talks about various places in the Florida Keys.

October 2010-August 2011 Publix Grocery Store Front End Clerk

* Bagging Groceries, cleaning the store, dealing with customers’ requests/ concerns

HONORS, AWARDS and ACTIVITIES

**Arizona State University**

* Deans Fellow Award
* Member of the Swette Center for Environmental Biotechnology
* Member of the Center for Bio-Inspired and Bio-mediated Geotechnics

**Heriot-Watt University**

* Funded by a Rotary Global Ambassadorial Scholar Grant

**College of Charleston**

* Honors College Graduate
* Phi Eta Sigma National Honor Fraternity
* National Society of Collegiate Scholars
* Phi Sigma Pi National Honor Fraternity
* Dean’s List
* Lutheran Campus Ministry 2011-2015, President 2013-15
* College of Charleston Presidential Scholarship (2011-2015)
* College of Charleston Annual Foundation Scholarship (2011-2015)
* South Carolina Palmetto Fellows and Palmetto Fellows Enhancement Scholarships (2011-2015)

**Dreher High School**

* Principal’s and “A” Honor Rolls 2007-2011
* National Honor Society
* District High School Scholar and Content Area Scholar (individual areas of Math, Science, English Language Arts, Foreign Languages and Fine Arts)
* Top 2 % in class
* Dartmouth Book Award
* AP US History Award-DHS
* National AP Scholar (33 college credit hours earned through AP courses in high school)
* Eagle Scout —December 2009 Camped at both National Boy Scout camps-Philmont and Sea Base in addition to sites all over both Carolinas

INTERESTS

Guitar, Drum set, Reading, Kayaking, Fishing, Camping, Travel, Music, Gardening, Hiking, Skiing, Snorkeling, Swimming, Lifting weights, Running