

Jieun Sally Jung

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EDUCATION

The University of Texas at Austin

Anticipated May 2021

Bachelor of Science – Environmental Science (Biology Track)

Bachelor of Arts – Geography

RESEARCH

National Science Foundation Undergraduate Research Intern

Summer 2019

The Sala Lab – Arizona State University

- 10 week summer research program at the Jornada LTER site
- Maintained and fixed 63 long term rainfall manipulation experimental plots
- Built rainfall manipulation shelters
- Independent project: Effects of Rainfall Manipulation on Grass Islands of Fertility

Matheny Ecohydrology Research Group

September 2018 – May 2019

Research Volunteer

- Assisted with assembling sensor boxes for tree installation at Waller Creek
- Independent course project: Analyzing Vegetation Productivity (EVI) Changes Above Caves in Texas using LANDSAT Satellite Imagery

Freshman Research Initiative Summer Research Fellowship

June 2017 – August 2017

- Research project: Effects of Fungal Competition on Metabolite Production and Antibiotic Activity
- Analyzed LCMS chromatograms and performed antibiotic assays
- Presented research at the Undergraduate Research Forum 2018

WORK EXPERIENCE

Campus Environmental Center

UT Austin Microfarm Project Leader

August 2019 - Present

- Manage farm and assist team members with personal projects
- Cooperate with multiple campus units and organizations to achieve goals
- Lead 20-50 volunteers during Sunday workdays
- Collaborated with non-profit organization Treefolks to acquire free fruit trees

UT Austin First Year Interest Group Mentor

August 2017 – December 2018

- Planned and created weekly 50 minute seminars with supervisor
- Supported 17 students on their transition from high school to college
- Organized group outings and scheduled one-on-one meetings with mentees
- Provided major related advice and campus resources

ORGANIZATIONS

Longhorn Stream Team February 2019 - Present

- Citizen science program that conducts water quality tests from 4-5 different rivers in Texas through canoeing
- Plan trip and camping logistics

The Project: UT's Largest Day of Service August 2018 – February 2019
Logistics Committee

- Managed site visits and tool assessments
- Created site packets for service day
- Directed and supervised volunteers and team leaders

Design for America UT Austin Chapter August 2017 – December 2018
unEarthed Project Member

- Organization that works on projects using human-centered design principles
- Goal: raise awareness and educate students about the importance of composting and how UT Austin composts through a 3D art installation in JCL dining hall
- Helped formulate questions, collected user data, and assisted with art design
- Granted Green Fee Grant of \$2,082.00

VOLUNTEERING

Lady Bird Johnson Wildflower Center April 2019

Vegetation Monitoring

- Identified species and percent cover of native central Texas flowers and plants in experimental plots

Austin Parks Foundation

It's My Park Day Event 2012 - Present

- Annual event (biannual event starting 2016)
- Removed invasive species, restored trails, created wildflower seed bombs, and mulched trees

AWARDS

UT Austin University Ladies Club Centennial Endowed Presidential Scholarship 2019

College of Liberal Arts Dean's Honor List Fall - Cum laude 2019

College of Liberal Arts Dean's Honor List Spring - Cum laude 2019

College of Liberal Arts Dean's Honor List Fall - Summa cum laude 2018

EVS Scholar Professional Development Fund 2018

EVS Scholar Award 2016-2017

- National Science Foundation S-STEM scholarship for Environmental Science students