

Julia Kelly

E-mail: jukell525@gmail.com | Phone: (508) 617-1746 | LinkedIn: www.linkedin.com/in/julia-kelly-99b662201

Education:

Rensselaer Polytechnic Institute, Troy, NY
Bachelor of Science in Environmental Engineering
Minor in Sustainability Studies

May 2024
GPA 3.89

Awards and Honors:

- *Dean's Honor List*
- *Rensselaer Medal Award*

All Semesters
March 2019

Relevant Coursework:

Fluid Mechanics, Water and Resources, Applied Hydrology and Design, Environmental Investigation and Site Assessment, Introduction to Engineering Design, Environmental Measurements, Environmental Media & Data, Environmental Chemo Dynamics, Physiochemical Processes in ENVE

Skills:

- Software: Autodesk AutoCAD and Inventor, PIPE-FLO, HEC-HMS, Microsoft Word, Excel & PowerPoint
- Communication: Strong technical writing, editing, and researching ability, introductory level Portuguese
- Laboratory: Fluid Mechanics Lab, Hydrology Lab, Physiochemical Processes Lab, Chemo Dynamics Lab

Work Experience:

Wright-Pierce, Providence, RI
Engineering Intern

August 2022 – December 2022

- Works within the Water and Wastewater Groups providing environmental engineering consulting services to public and private clients
- Conducts field work including facility asset management and tracer studies for drinking water treatment plants
- Communicates with clients through planning, attending and engaging in meetings and presentations
- Assists in various permitting applications, contractor agreements, bid documentation, technical report writing
- Exhibits strong organizational and interpersonal skills in updating Water group standard details

GeoExplorer Mixed Reality and Mobile Project, Troy, NY
Undergraduate Researcher

January 2023 – Present

- Play tester for National Science Foundation (NSF) project to improve the learning experience of geotechnical engineering undergraduate students
- Navigate a virtual learning experience whose goal is to teach the procedure of the Cone Penetrating Test (CPT)
- Critique and improve the existing lecture material and game design

Leadership and Volunteerism (RPI):

Student Sustainability Task Force

February 2022 – Present

- Organized campus wide conference to unite the RPI sustainability community and recognize student power in facilitating improvement to campus functions such as composting, recycling, and green investing
- Established RPI Sustainability Coalition to organize student sustainability
- Works passionately to establish an Office of Sustainability within institution administration

NY Epsilon Chapter of Pi Beta Phi

January 2022 – June 2022

Vice President of Community Relations

- Dutifully sat on the Executive Board of the chapter of over 75 collegiate women
- Upheld high standards of integrity and leadership in conjunction with an ability to communicate, delegate, and work with a team
- Cultivated servant leadership amongst members through providing service hour opportunities, community engagement, and exceeding national fundraising quotas