

GILLIAN ULA SCHRIEVER

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EDUCATION

University of Pittsburgh

B.S. Chemical Engineering – Minor in Chemistry – GPA: 3.90

Pittsburgh, PA

Class of 2019

PROFESSIONAL EXPERIENCES & INVOLVEMENT

Deloitte Consulting – Consultant

Administration for Strategic Preparedness and Response: Product Owner and System Administrator

Washington, D.C.

June 2022 – present

- Operates two Salesforce-based platforms monitoring \$164.5M in COVID-19 funding across 817 recipients
- Leads software development and oversees data management, analysis, and reporting for three national grants

Centers for Disease Control and Prevention: Mixed Methods Evaluator for 73 health departments

Aug. 2021 – May 2022

- Conducted thematic analysis through OpenAI's API and generated recommendations to inform future programs
- Led nine team members in coordinating over 50 case study interviews across two national grants totaling \$530M
- Assisted in executing a research pilot and developing the public-facing [Health Equity Toolkit](#)

CDC Foundation: Qualitative Research Lead

Mar. 2021 – Jul. 2021

- Synthesized key impacts of COVID-19 on K-12 schools, facilitating data-driven school reopening strategies
- Led study design, execution, and analysis for reporting in [mixed-method reports](#) and a [peer-reviewed publication](#)

State of Delaware Department of Health and Human Services: Functional Software Development Lead

Sept. 2019 – Feb. 2021

- Interfaced with business and technical teams to implement three policy changes to public-facing benefits platforms

Life Sciences Department, Lubrizol Advanced Materials – R&D Intern

Investigated biodegradable polymer formulations and pharmaceutical applications

Cleveland, OH

June 2017 – Aug. 2017

- Fabricated nanofiber films and assessed surface morphology, encapsulation, degradation, and drug release profile

Little Lab, Benedum Hall – Undergraduate Researcher

Pitt EXCEL Summer Research Intern and Brackenridge Research Fellow

Pittsburgh, PA

June 2016 – Apr. 2017

- Fabricated and assessed batches of controlled-release microspheres encapsulating immunotherapeutic drugs
- Analyzed surface morphology, size distribution, and release profile of microspheres
- Conducted SEM, HPLC, UV-vis spectroscopy, volumetric impedance measurements, and ELISA release assays

Division I Women's Cross Country and Track & Field Teams – Student-Athlete

University of Pittsburgh all-time record holder for the Women's 10,000 meter race

Pittsburgh, PA

Sept. 2015 – Apr. 2019

- Individual qualifier for DI NCAA 2016 Cross Country and 2017 Outdoor Track & Field National Championships
- Named member of 2015, 2016, and 2017 All-ACC Academic Cross Country and Outdoor Track & Field Teams

Crisis Textline – Crisis Counselor

Trained Crisis Hotline Counselor engaging in over 430 conversations

Washington, D.C.

Sept. 2021 – present

- Counsels texters during moments of crisis while deescalating risky situations

TRAININGS & SKILLS

Coursera Coursework

IBM, DeepLearning.AI

Washington, D.C.

Oct. 2021 – Mar. 2022

- Python for Data Science, AI, & Development
- Advanced Learning Algorithms
- Neural Networks and Deep Learning

Data structures, pandas, NumPy, objects & classes

Decision trees, TensorFlow, bias & variance

Vectorization, regression, forward & backward propagation

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|-------------------|---------------|-----------|----------|
| ▪ Python | ▪ SQL | ▪ MATLAB | ▪ Git |
| ▪ Shell Scripting | ▪ Linux Admin | ▪ Jupyter | ▪ Docker |