LAWRENCE ZICARI

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EDUCATION

Columbia University, Mailman School of Public Health, New York, NY ⟶ May 2026 (Expected)
Master of Public Health (GPA 3.95), Epidemiology – Certificate: Advanced Epidemiology
Relevant coursework: Applied Regression II, Data Science, Relational Databases and SQL programming

SUNY College of Environmental Sciences and Forestry, Syracuse, NY ⟶ May 2023
Bachelor of Science, *Magna Cum Laude* (GPA 3.8), Environmental Sciences, Minor: Environmental Health
Awards: President's List (4), Dean's List (4); Student Organization and Leadership Award: Officer of the Year

WORK EXPERIENCE

Emergency Preparedness Analyst Intern ⟶ July 2025 – December 2025
NYC Department of Health & Mental Hygiene - Office of Emergency Preparedness & Response
- o Conducted spatial analysis and developed interactive maps to assess healthcare services and their distribution
- o Collaborated with different teams, including policy and data specialists, to identify data needs and improve emergency decision-making workflows across the department
- o Utilized ArcGIS and SQL to clean, manage, and visualize large datasets for internal reports

Public Health Research Assistant ⟶ February 2025 – Present
Columbia University - National Center for Disaster Preparedness (NCDP)
- o Conducted mixed-methods analysis for a collaborative study between Columbia University, Rice University, and Mississippi State University, assessing health impacts of petrochemical spills under projected hurricane scenarios
- o Analyzed over 30+ sources to assist in developing an exposure analysis methodology and created a structured data catalog
- o Cleaned and analyzed data from medical records and EPA databases using Stata, GIS, and Python

Research Assistant ⟶ May 2023 – January 2024
Syracuse VA Medical Center
- o Contributed to a joint program between SUNY ESF and the Syracuse VA Medical Center to assess the mental health of 50+ veteran patients. Evaluated the impact of a patient-centered horticulture program and designed surveys through Qualtrics for both patients and staff

COVID-19 Tester/Contact Tracer ⟶ December 2020 – May 2022
Syracuse University - NYS Department of Health Partnership
- o Administered 200+ PCR saliva tests per day and registered and recorded results into an online database
- o Conducted contact tracing interviews to identify COVID-19 exposure patterns and visualize community trends

LEADERSHIP EXPERIENCE

Columbia University
Teaching Assistant - Research Methods and Applications (2025)
- o Led weekly course with a section of 20+ students and graded assignments/exams

SUNY ESF Undergraduate Student Association
Chief Financial Officer (2022–2023), Vice President (2021–2022), Director of Academic Affairs (2020–2021), Department Senator (2019-2020)
- o Oversaw $275K budget and led 501(c)(3) compliance across 45+ clubs while leading the Finance Board
- o Chaired multiple student governance committees and spearheaded extensive survey campaigns across campus to gauge instructional quality, capturing 800+ student responses
- o Collaborated routinely with university faculty and key stakeholders to inform and guide policy recommendations

PERSONAL

Skills: SAS, Stata, SQL, R, Python, ArcGIS Pro, Excel, Project Management, Public Health Communication, Office Suite
Certifications: Johns Hopkins COVID-19 Contact Tracing | ArcGIS Online Essentials | Safe Patient Handling
Language: Native fluency in French and English
Interests: International travel, skiing, rock climbing