Gregory Randazzo

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Education	**Cornell University, Ithaca NY**　　　　　　　December 2022

Cornell University, Ithaca NY — December 2022
B.S. Atmospheric Science
- Relevant Coursework: Climate Dynamics, Synoptic Meteorology, Introduction to Earth System Modeling, Atmospheric Dynamics, Intro to Data Analysis in the Geosciences

City College of New York, New York, NY — May 2025
M.S. Earth and Atmospheric Science
- Relevant Coursework: Coastal and Ocean Processes, Environmental Image Analysis, Intro to GIS, Quantative Data Analysis in Earth and Atmospheric Sciences

Computational Skills

Programming Languages: Python, R, MATLAB, NCL
Systems: Linux, M.S. Windows, MacOS
Software: GIS, Microsoft Suite, Google Suite
Python Packages: SciPy, NumPy, Pandas, Xarray

Relevant Experiences

Adjunct Lecturer — August 2023 -
City College of New York, New York, NY
- Taught a lab section for an introductory Earth science course, approximately 20 students, administered and graded lab work.

Undergraduate Research in Atmospheric Science — May 2020 - Dec 2022
Cornell University, Ithaca NY
- Studied aspects of the stratospheric polar vortex and worked on evaluating the risk associated with extreme cold events in future climate simulations using the Community Earth System Model
- Presented research at the 2022 American Meteorological Society Conference
- NOAA's Cheyenne supercomputer was used to run climate simulations and process its output

Air Team Leader for Cornell GeoData — Dec 2020 - July 2021
- Curated paleo-climatological data for the Finger Lakes bioregion
- Utilized machine learning algorithms to extract temperature time-series data from tree rings

Extracurricular Activities

Vice President and Programming Director — 2020 - 2021
Society of Physics Students
Cornell University, Ithaca NY
- Reached out to professors and graduate students to organize talks and introduced speakers at various events
- Mediated between physics department staff and other SPS members

Cornell Chapter of the American Meteorological Society — 2020 - 2021
- Practiced making weekly forecasts for the Northeast and presented them to technical and non-technical audiences
- Ran the WRF weather model

Cornell Astronomical Society   2018 - 2022

- Used digital radio to communicate with satellites and introduced speakers at various events

- Constructed antenna arrays for long distance communication

Additional Information   **Languages:** Italian (C1), Spanish (B2), Arabic (B2)
FCC General Class Radio License for Amateur Radio