

Megan Romansky

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Education:

University of Connecticut, Storrs, CT
Masters of Science, Applied and Resource Economics
USDA National Needs Fellow in Data Science

Siena College, Loudonville, NY
Bachelor of Science, Economics
Data Science Minor, Concentration in International Business
GPA: 3.91, Summa Cum Laude

Professional Experience:

Seasonal Resource Assistant, Connecticut DEEP, Hartford CT

June 2025 – Present

- Create and manage an active facility dataset to support ArcGIS mapping and statewide environmental justice evaluations.
- Research and analyze cumulative impacts legislation and policies from other states to inform Connecticut's legislation and framework.
- Build and migrate a statewide Environmental Justice plan database from Excel to a searchable online platform.

Academic Tutor, Siena College Business Analytics and Actuarial Science Department, Loudonville NY
January 2024 – May 2025

- Facilitate group tutoring sessions for students in business analytics and actuarial science courses, including statistics, calculus, and operations management.
- Collaborate with faculty to align tutoring sessions with curriculum goals and address specific student needs.
- Mentor peers, fostering a supportive learning environment that encourages engagement and collaboration.

Data Analyst Intern, Siena College Research Institute, Loudonville NY

September 2024 – January 2025

- Optimize current client's website to modern coding language and condensed formatting.
- Implement a user-focused redesign of website pages, improving functionality, aesthetics, and user experience.
- Streamline data processes by reformulating key calculations, ensuring accuracy and efficiency in data-driven website features.

Product and Project Management Intern, NYISO, Rensselaer NY

May 2024 – August 2024

- Utilized Excel to record information and attributes of departmental reporting structures.
- Developed a PowerBI dashboard to automate report analytics.
- Visualized reporting structure connections into presentations and usable team materials.
- Published findings and products to executive leaders and management.

Data Analyst Intern, Siena College Research Institute, Loudonville NY

January 2024 – May 2024

- Analyzed polling data and research to discover trends and critical information for reporting.
- Formulated raw data in SPSS to create frequency tables, cross tabulations, and other reporting measures.
- Designed presentations and media to publish poll findings to the public.
- Collaborated with organizations to prepare materials for events and new research subjects.

Product and Project Management Intern, NYISO, Rensselaer NY

May 2023 – August 2023

- Analyzed 30 departmental reports to establish a single system of record used to update and maintain project-related attributes.
- Researched and tested several cloud-based software programs.
- Worked with project management team on internal and external company projects.
- Presented research and development to organization's C-suite.

Pathfinders Coordinator, Siena College Admissions Office, Loudonville NY

June 2022 – May 2023

- Led over 75 college students in on-campus organization, coordinating meetings, group activities, and other administrative duties
- Corresponded with college's admissions office to organize members of the organization for college-wide events.
- Supervised and ran admissions events with more than 1,000 families in attendance.

Papers and Projects:

“The Impacts of Economic Growth, Geography, and Institutions on Renewable Energy”

Siena College Economics Department – December 2024

This capstone paper empirically investigates the relationship between economic development variables and their resulting impact on renewable energy generation in developing and developed nations. Investigating photovoltaic potential per country, and controlling with aforementioned variables this paper provided evidence to explain as to why many countries with low GDPs and economic stability tend to have the highest levels of renewable energy generation. Conducting econometric analysis using OLS and WLS regression, these variables were investigated to determine if they resulted in greater or less clean energy production in a nation.

“The Impact of European Colonialism on Current Institutions in Latin America”

Siena College Economics Department – May 2024

This co-authored paper empirically investigates the impacts that colonialization has on institutions in Latin America and Caribbean Countries in long-term analysis. Utilizing the legal system of colonizing powers, civil or common law, we investigated the implications of this variable on measurements of institutions. This influences the transcendence of early institutions on the development of current institutions. Using OLS regression, we then determined which of

the institutional variables play significant roles in the economic growth of Latin America in the present day.

“NYS Environmental Sentiments: Insight from Public Opinion Survey”

Siena College Community Development and Siena College Research Institute – Spring 2024

This semester-long project, developed by my peers and I in community research and consulting determined the most recent environmental opinion of New Yorkers across the state. This process included developing and administering a public poll to 915 New York State residents, highlighting their opinions on climate change, current and future legislation, and their personal behaviors that reduce environmental degradation and combat climate change. Utilizing the data, we formulated cross-tabulations, frequency tables, and other data analysis to determine trends and critical information points. This data was presented at Siena College’s academic showcase in May of 2024.

- Responsible for creating and presenting findings at the academic showcase presentation
- Procured data-analysis tools for project including the cross-tabulation, frequency tables, and over 20 charts and infographics.

“SurplusMap: Expansion to Latin America”

Siena College School of Business – Spring 2024

As the international business capstone, this project required two peers and I to serve as consultants for SurplusMap, a startup company situated in Norway. This organization creates GIS including energy, infrastructure, and other critical information that companies can use to determine where to build and establish electric vehicle chargers. My partners and I were tasked with researching and determining which countries in Latin America would have the best business opportunity to expand into the continent for heavy-duty electric vehicle charging. Researching quantitative and qualitative measures and data, we created a set of business engagement recommendations for the company. We presented this information to the CEO and COO of the organization in May of 2024.

Awards and Honors:

USDA National Needs Fellowship in Data Science – Fall 2025 – Present

- Support environmental economics graduate education and training in advanced data analytics.

Summa Cum Laude – Spring 2025

- The highest graduation honors, to those having a scholarship index of 3.90 or higher.

Omicron Delta Epsilon – Spring 2025

- Induction into the Beta Nu Chapter of the International Honors Society for Economics

Siena College President’s List – Spring 2025, Fall 2024, Spring 2024, Fall 2022, Spring 2022, Fall 2021

- Requires an index term of 3.9 or above

Siena College Dean's List – Fall 2023, Spring 2023

- Requires an index term of 3.5 to 3.89

Siena College Academic Showcase Presenter – Spring 2024, Spring 2022

- Effectively presented material during Siena College's academic showcase

Extracurricular Activities:

Vice President of Professional Activities, Delta Sigma Pi Professional Co-Ed Business Fraternity

April 2023 – May 2025

- Coordinate and plan business professional events on college campus, including professional development workshops and speaker series.
- Communicate with companies, the college, and professionals to organize event sponsorship and participation.
- Develop and implement yearly and semester strategic plans for advancement of organization.

Member, Women's Club Soccer Team

September 2021 – May 2025

- Commit more than 10 hours per week in season for practice and games.
- Represent organization with teammates at on-campus and volunteer events.

Volunteer, Laudato Si' Center for Integral Ecology

May 2024 – October 2024

- Served as a student representative for Siena College's School of Business on the advisory board for the Environmental Symposium ran by the organization.
- Assisted in tabling for event awareness and encouraged students and faculty of the school to engage with environmental sentiment polling.