NANCY BECERRA-CORDOBA, Ph.D.

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PROFESSIONAL EXPERIENCE

***Connecticut General Assembly (Legislature), Commission on Racial Equity in Public Health**, Hartford, CT. (10/2025 to present)*
Principal Commission Analyst.

- Lead the team that develops racial and ethnic impact statements to outline how proposed legislation may affect existing racial and ethnic disparities in the state.
- Conduct quantitative and qualitative research to produce racial and ethnic impact statements of proposed legislation.
- Provide public testimony and technical advice to legislators regarding equity research in public health.

***Connecticut State Colleges and Universities**, Hartford, CT. (03/2023 to 07/2025)*
Associate Vice President for Decision Support and Institutional Research.

- Designed and conducted complex data analytics projects across multiple stakeholders, connecting academic decisions to financial impacts as well as facilities and operations decisions in 16 campuses.
- Communicated data insights into actionable recommendations using interpersonal skills, and business intelligence (PowerBI and Tableau dashboards) for management to optimize allocation of resources.
- Planned and led the development of a new data lake house in Azure, using WhereScape ETL automation tools and the Data Vault 2.0 methodology to integrate data for state and federal compliance reporting.

***Trinity College**, Hartford, CT. (11/ 2015 – 03/2023)*
Director of Institutional Research, Planning and Strategy.

- Conducted statistical data analyses and forecasting scenarios of student enrollment using SPSS and Excel to respond to state and federal requests for institutional compliance, accreditation and federal funding.
- Communicated data insights and KPIs trends to technical and non-technical audiences using Tableau data visualizations to support the implementation of the strategic plan and data-driven decision-making.
- Collaborated with data partners across multiple departments for operational, benchmarking, and planning purposes, fostering best practices on data quality, data governance, and data literacy.

***Excelsior University**, Albany, NY. (02/2015 – 10/2015)*
Executive Director of Institutional Research.

- Supervised state and federal reporting for online instruction in all 50 USA states and territories through highly collaborative work, utilizing strong communication, interpersonal and leadership skills.
- Managed all research design, large dataset management, data wrangling and analysis in R for reporting compliance and improved forecasting of retention and success metrics of 25,000 students.
- Analyzed labor markets through benchmarking using SPSS and STATA to complete assessment studies and curricular planning, and to maintain institutional accreditation and accountability.

University of Rochester, School of Nursing, Rochester, NY. (02/2014 – 02/2015)
Senior Information Analyst. Center for Research and Evidence Based Practice, Research Facilitation Group & Center for Population Health Outcomes, and Informatics.

- Conducted research design, database management, statistical analysis, and syntax programming in SPSS of an 18-year longitudinal analysis of educational outcomes and family structure.
- Designed procedures and protocols to ensure data integrity and methodological validity, documenting business rules and metadata to improve data availability, usability and integrity.
- Performed data analytics, benchmarking analysis, and reporting for enrollment and outcomes assessment of the employee wellness program, serving more than 20,000 employees.

SUNY Geneseo, Geneseo, NY. (01/2013 – 02/2014)
Institutional Research Analyst.

- Conducted enrollment, retention, and cohort analyses of Banner data in SPSS and SAS and wrote factsheets and reports to forecast and improve student retention and graduation.
- Created and communicated reports tracking strategic metrics using problem solving and critical thinking skills to present complex data to senior management strategizing academic and financial decisions.

EDUCATION

Virginia Polytechnic Institute and State University, Blacksburg, VA (Aug, 2008)
Ph.D. in Environmental Design and Planning. School of Public and International Affairs. Concentration in Planning, Globalization and Governance. Graduate Certificate in International Research and Development.

The Johns Hopkins University, Baltimore, MD (May, 2003)
M.S.E. in Geography & Environmental Engineering. Concentration in Systems Analysis for Public Policy.

National Polytechnic Institute, Mexico City (Jun, 1999)
B.S. in Environmental Engineering. Concentration in Risk Management.

Trinity College, Hartford, CT (Sep, 2022) Summa Cum Laude
B.A. in Theater and Dance. B.A. in Film Studies.