

Peter Cody Fiduccia

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Experience (additional positions available on request)

Cornell University Graduate School

Ithaca, NY

Gifford Research & Teaching Fellow

August 2017 – Present

- Analyst: Harvard University (CEPR); Cornell University College of Business
- Lead Geospatial & Data Analyst: Rural Healthcare Assessment Project (6M+ individual, confidential observations)
- Exploit data from disparate sources to inform senior researchers & practitioners of trends and development opportunities
- Research, evaluate and assess large-scale digital datasets for translation into digestible policy briefs

Taylor & Francis Group, Journal of the Community Development Society

Ithaca, NY

Editorial Manager

June 2019 – July 2020

- Managed all article processing, pre-production, and journal administration
- Led production planning and data trend analyses for online and print versions of the journal

Cornell University, College of Human Ecology

Ithaca, NY

Teaching & Research Specialist

June 2016 – May 2017

- Research, analyze and design thematic maps featuring geospatial analyses of large-scale, multivariate datasets
- Designed and launched the New York State Education Data repository website ([NYEducationData](#))
- Authored data dashboards and scalable cartography tools for NYS Board of Regents ([Portfolio](#))
- Rebranded and implemented the New York State Rural Schools website for relaunch ([NYSRSA](#))

Cornell Institute for Public Affairs

Ithaca, NY

Assistant to the Director of External Relations

July 2015 – May 2017

- Direct, videotape, produce, and edit promotional digital media, increasing viewership over 45%
- Produced targeted client outreach as a member of the executive team, increasing annual admissions 15%

The Statler Hotel, Cornell University

Ithaca, NY

Assistant Manager, Food & Beverage

June 2014 – June 2015

- Manager of a \$3M, five-star operation focusing on continuing education and skill development for a staff of 75+
- Created and implemented a novel training system that reduced staff turnover by 25% in one year

Technical Proficiencies

Statistical Analysis & Methods

- Research Design
- STATA
- R

Database Management & Programming Languages

- PYTHON
- SQL
- Microsoft Excel

Spatial Analysis & Data Visualization

- ArcMap / QGIS
- Tableau
- Carto
- STATA Spatial Packages

Multimedia & Video Production

- All Adobe Creative Suite Products
- Apple FinalCutProHD

Education

Cornell University

Ph.D.

- Areas of Expertise: Spatial Demography, Institutional Development, Human-Computer Interaction
- Research & Teaching: Education Policy, Geographic Analytics, Quantitative Sociology
- Project Lead: New York Education Data Repository and NY Rural Schools Advocacy Group
- Doctoral Candidacy Attained Spring 2020

Cornell University, Institute for Public Affairs

M.P.A. (Master of Public Administration)

- Concentration in Non-Profit Management, Research Fellow Award
- Relevant Experience: Quantitative Methods; GIS Cartography; Systems Thinking
- Editor-in-Chief, Cornell Policy Review (2016-2017); Public Administration Honors Society Award
- Thesis: *"Performance in New York State: A Spatial Statistics Perspective"* Advised by Dr. John Sipple

Binghamton University, School of Management

M.B.A. (Master of Business Administration)

- Concentrations in Organizational Leadership & Statistical Analysis, Yacura Leadership Fellow
- Relevant Experience: Operations Management, Economics, Advanced Leadership, Financial Analysis
- Assistant to the Director, Master's Programs (2012-2014), Business Honors Society Award
- Thesis: *"Temporal Considerations to Transformational Leadership Efficacy"* Advised by Dr. Francis Yammarino

Hartwick College

B.A., Business Administration

- Concentrations in Accounting, Marketing, and Leadership
- Faculty Scholar Award; Houghton Leadership Award; Business Honors & Foreign Language Honors Society Awards
- Student Senate Vice President, (2011-2012); Member, Alumni Board (2012-2020)
- Thesis: *"Financial Evaluation of New Academic Programs"* Advised by President Margaret Drugovich

Teaching / Instruction Experience

Co-Instructor

- **Quantitative Research Methods**, Cornell University: Fall 2020, Fall 2019
- **The Art of Teaching**, Cornell University: Spring 2022, Fall 2021, Spring 2020, Spring 2019
- **Introduction to Business**, Hartwick College: Spring 2012, Fall 2011

Teaching Assistant

- **Spatial Thinking, GIS, and Related Methods**, Cornell University: Spring 2021
- **Educational Leadership**, Cornell University: Spring 2020
- **America's Promise: The Sociology of U.S. Education**, Cornell University, Fall 2018
- **Fundraising for Non-Profit Business**, Cornell University, Spring 2017
- **Socially Responsible Business**, Cornell University, Spring 2017
- **Nonprofit Management and Finance**, Cornell University, Fall 2016

Guest Lecturer

- **Quantitative Research Methods (Spatial Analyses)**, Cornell University: Fall 2021; Fall 2018, Fall 2017
- **Entrepreneurship**, Binghamton University, Fall 2013

Current Research Projects

Cornell University, SC Johnson College of Business, Dyson School of Applied Economics & Management:

- **Research Analyst** | Institute for Research on Innovation & Science (IRIS) project studying team dynamics of sponsored research at academic institutions. P.I. Professor Kevin Kniffin
 - Multivariate statistical analyses of 10+M observation datasets via secure remote data enclave

Harvard University, Center for Education Policy Research, NCERN:

- **Research Partner** | Harvard University based, IES-funded project studying chronic absenteeism and college readiness in rural schools through literature research, data analytics, and strategic interventions
 - Review and categorization of research articles for a public-facing resource clearinghouse
 - Co-facilitate interviews with partner school district administrators
 - Participate in partner school district conferences & workshops

Bassett Healthcare Network, Cornell University:

- **Lead Geospatial & Data Analyst** | Project between Cornell University and a large, regional healthcare provider in upstate New York evaluating school-based health clinics in rural locales
 - Geocoding of over 600K individual patient records for subsequent relational analyses
 - Production of static and interactive map visualizations for use by healthcare professionals
 - Time-series and panel analyses of healthcare datasets including examination of ICD-9/10 codes
 - Identification of services, opportunities for new facilities, coverage & catchment zones

Publications

Fiduccia, P. C., Sipple, J. W., & LeBeau, K. N. (2021). The Why and How of Enhancing Data use in Rural Education Research and Practice. In *The Bloomsbury Handbook of Rural Education in the USA* (1st ed., Bloomsbury Handbooks). New York, NY: Bloomsbury Academic.

- Presented multiple examples of real-world application of data exploitation challenges, strategies, and operationalization
- Translated technical components of multivariate analysis into non-technical, digestible briefs for all levels of experience

Sipple, J. W., Francis, J. D., & Fiduccia, P. C. (2019). Exploring the gradient: The economic benefits of 'nearby' schools on rural communities. *Journal of rural studies*, 68, 251-263.

- Utilized inverse-distance-weighting formula and quantitative geospatial data analyses core to paper content
- Determined relationships between school building locations and economic vitality of rural New York villages

Fiduccia, P. C. (2017). Problems with Distinctions and Perspectives Impairing the Debate on Common Core. *Cornell Policy Review, Official Public Policy Journal of Cornell University*.

- Used systems thinking, visual tools, and cognitive methodologies to break down the heated debate on Common Core

Fiduccia, P. C. (2017). Patent or Profit? Ivy League Intellectual Property Policy and Classroom Reinvestment. *Cornell Policy Review, Official Public Policy Journal of Cornell University*.

- Critical summary of Ivy League institutions' IP policies, and relations to funding in the classroom environment.

Fiduccia, P. C., Schultz, E.R. (2016). Data Visualization for Use in Website Design. *Cornell University Library*.

- Explored differences in accuracy and latency when interpreting identical data in various visualized medium for use in the design of web pages for engagement in public policy.

Fiduccia, P. C. (2016). Get it Right! 'Latin American Policy' is a Misnomer. *Cornell Policy Review, Official Public Policy Journal of Cornell University*.

- Analysis of Latin American policy; interview w/ Peter Hakim, President Emeritus: Inter-American Dialogue

Fiduccia, P.C. Featured Essay on Student Leadership. In: Komives, S. R., Lucas, N., & McMahon, T. R. (2013). *Exploring leadership: For college students who want to make a difference*. John Wiley & Sons.

Conference Presentations & Leadership Development

2022

Fiduccia, P.C. (April). "Learning Through Internet Lag - Inequalities of Access in the Zoom Era." *Annual Meeting of the American Education Research Association, San Diego, CA*

Fiduccia, P.C. (April). "Public Health Policy & Technology: Internet Stability and Healthcare in Rural Areas." *Annual Meeting of the Population Association of America, Atlanta, GA*

Chair: Leading for Student Health and Wellbeing. *Annual Meeting of the American Education Research Association, San Diego, CA*

Discussant: Educational Research from Different Lenses. *Annual Meeting of the American Education Research Association, San Diego, CA*

2020

Sipple, J.W., Casto, H., Fiduccia, P.C. (April 18th). Partnering for Good or Harm? Cross-Sector Partnering, Childcare, Pre-K, and Community Vitality. *Annual Meeting of the American Education Research Association, San Francisco, CA*

2019

Fiduccia, P.C., LeBeau, K.N. (October 24th). What's Your Rural Reality: Data Tools & Frameworks to Understand Local Context. *National Forum to Advance Rural Education, Louisville, KY*

Fiduccia, P.C., Casto, H. (April 5th). Professional Neighbors: Institutional Forces and Local Spatial Regression. *Annual Meeting of the American Education Research Association, Toronto, ON*

Fiduccia, P.C., (April 2nd). A discussion of Empirical Methodologies on the Spatial Contexts of Education Policy. *Annual Trans-Atlantic Rural Research Network Conference, Aberdeen, UK*

2018

Fiduccia, P.C., (July 24th). Location Matters: Education Performance & Policy Through a Spatial Statistics Lens. *Annual International Conference of the Community Development Society, Detroit, MI*

Fiduccia, P.C., (July 9th). Using Data Visualization to Augment Leadership Decision-Making. *Annual Summer Conference of the New York State Rural Schools Association, Cooperstown, NY*

Fiduccia, P.C., (June 27th). Using Geospatial Statistics to Better Understand Local Variation. *National Conference on Early Care and Education, Washington, D.C.*

Fiduccia, P.C., Sipple, J.W., Casto, H., McCabe, L. (June 26th). Capacity for Early Care and Education in Urban and Rural Communities: Spatial Regression Analyses. *National Conference on Early Care and Education, Washington, D.C.*

Sipple, J.W., Casto, H., McCabe, L., Fiduccia, P.C. (April 15th). What's Driving Child Care Deserts? Factors Related to Child Care Gaps in New York State. *Annual Meeting of the American Educational Research Association, New York, NY*

Fiduccia, P.C., Sipple, J.W. (March 1st). Data Enhanced Decision Making. *Annual Meeting of the Staff Curriculum Development Network of New York State, Albany, NY*
