

Mattia Caldarulo

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Education

Arizona State University, School of Public Affairs
Ph.D. in Public Administration and Policy, GPA: 4.00

Phoenix, USA
Aug. 2019 – Exp. 2023

Dissertation: “*Opening the black box: Exploring risk heterogeneity in public sector organizations facing extreme weather events*”

Committee: Eric W. Welch (Chair – ASU), Mary K. Feeney (ASU), Justin M. Stritch (ASU), Gordon Kinglsey (Georgia Institute of Technology)

Fudan School of Management- Bocconi University Double degree
MSc in International Management, Double Degree Program with Fudan School of Management

Shanghai, PRC – Milan, Italy
Sep. 2015 – Jul. 2017

Thesis: “*Development of a framework for rating international middleweight European cities' competitiveness from their citizens' perspectives*”
Grade: 110 cum laude/110

Bocconi University
Bachelor of Science in Business Administration and Management

Milan, Italy
Sep. 2012 – Jul. 2015

Thesis: *Concentric diversification and external growth: the case BV TECH*

Other research & teaching training

University of Michigan
International Consortium for Political Science Research (ICPSR).
Categorical Data Analysis.

Ann Arbor, USA
Jul. 2022 – Aug. 2022

Rotterdam School of Management
University undergraduate exchange program, “Erasmus +”

Rotterdam, The Netherlands
Sep. 2014 – Dec. 2014

London School of Economics
Marketing Management Summer School at LSE

London, UK
Jul. 2014

Research Interests

Public Management, Risk management and risk perceptions in public agencies, Sustainability, Climate change, Cyber-security and technology in government, Science and Technology Policy

Publications

Peer-Reviewed Articles

1. **Caldarulo, M.**, Mossberger, K., & Howell, A. (2022). Community-Wide Broadband Adoption and Student Academic Achievement. *Telecommunications Policy*. <https://doi.org/10.1016/j.telpol.2022.102445>
2. **Caldarulo, M.**, Olsen, J., Frandell, A., Islam, S., Johnson, T. P., Feeney, M. K., Michalegko, L., & Welch, E. W. (2022). COVID-19 and gender inequity in science: Consistent harm over time. *PLoS ONE*, 17(7). <https://doi.org/10.1371/journal.pone.0271089>

3. **Caldarulo, M.**, Welch, E. W., & Feeney, M. K. (2022). Determinants of cyber-incidents among small and medium US cities. *Government Information Quarterly*. <https://doi.org/10.1016/j.giq.2022.101703>
4. Johnson, T. P., Feeney, M. K., Jung, H., Frandell, A., **Caldarulo, M.**, Michalegko, L., Islam, S., & Welch, E. W. (2021). COVID-19 and The Academy: Opinions and Experiences of University-Based Scientists in the U.S. *Humanities & Social Sciences Communications*. <https://doi.org/10.1057/s41599-021-00823-9>

Book Chapters

1. Tolbert, C. J., Mossberger, K., Gaydos, N., & **Caldarulo, M.** (2022). Addressing Spatial Inequality in Broadband Use and Community-Level Outcomes. In K. Mossberger, E. W. Welch, & Y. Wu (Eds.), *Transforming Everything? Evaluating Broadband's Impacts Across Policy Areas* (1st ed., pp. 101–138). Oxford University Press. <https://doi.org/10.1093/oso/9780190082871.003.0006>

Under Review

1. **Caldarulo, M.**, Welch, E. W., Public agencies' risk perception: The role of contracting and scientific and professional information

Working Papers

1. **Caldarulo, M.**, Welch, E. W., Louafi, S., Camillo, S. How the global pandemic changes data governance systems: A competing logics approach
2. **Caldarulo, M.**, Corley, E., Pezo Salazar, I., Islam, S., Welch, E. W., Understanding the impact of different types of extreme weather events on public managers' recall capacity
3. **Caldarulo, M.**, Olsen, J., Feeney M. K., Cybercrime vulnerabilities: The Downside of Data Sharing in Local Government

Policy Memos

1. **Caldarulo, M.** 2020. Was the United States Prepared to Confront Covid-19? According to Scientists, It Depends. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3643531

Conferences (*presenter)

1. **Caldarulo, M.***, Corley, E., Pezo Salazar, I., Islam, S., Welch, E. W., Understanding the impact of different types of extreme weather events on public managers' recall capacity. Presented at *Association for Public Policy Analysis and Management (APPAM) Conference*, November 2022.
2. **Caldarulo, M.***, Olsen, J., Feeney M. K. Cybercrime vulnerabilities: The Downside of Data Sharing in Local Government. Presented at *Public Management Research Conference (PMRC)*, May 2022.
3. **Caldarulo, M.***, Welch, E. W. The Role of Intra-Organizational Coordination in Reducing the Impact of Extreme Weather Events. Presented at *Midwest Political Science Association (MPSA) Conference*, April 2021.
4. **Caldarulo, M.***, Welch, E. W., Louafi, S., Camillo, S. How the global pandemic changes data governance systems: A competing logics approach. Presented at *Association for Public Policy Analysis and Management (APPAM) Conference*, November 2020.
5. **Caldarulo, M.***, Mossberger, K. Does broadband impact children's school achievements? Presented at *Association for Public Policy Analysis and Management (APPAM) Conference*, November 2020.

Research Experience

Graduate Research Assistant, Center for Science, Technology and Environmental Policy Studies

Phoenix, USA

(CSTEPS) – Dr. Eric Welch, Dr. Mary Feeney, Dr. Elizabeth Corley, Dr. Justin Stritch

1. *CSTEPS Transit Survey 2022* February 2022 – Present

Project Manager, led project coordinating peers in developing the sample frame, designed and administered the survey, organized junior students’ work during the data cleaning process, developed the codebook and project report, managed IRB submission

2. *ECOFFEE (ECOFFEE) Dr Eric Welch, Dr Selim Louafi (CIRAD)* August 2021 – Present

Project Manager, led an international project to develop a governance framework for a public-private initiative whose members comprised governmental agencies, and public companies. Responsible for developing interview protocol, scheduling and conducting interviews with industry leaders, analyzing data, and presenting proposed solutions to industry leaders

3. *National Science Foundation – Rapid Grant: Linking institutional logics and data sharing to research outputs before and after SARS-CoV-2 peak infection (#2029936)– \$84,400/\$195,000 PI Dr. Eric Welch, Co-PI Dr. Federica Fusi, (UIC)* June 2020 – Present

Project Manager, coordinated an NSF-funded global project across two universities (UIC and ASU). Led the sample frame development and the design of two global surveys, coordinated faculty and students during the survey administration and design, responsible for data cleaning and management, development of codebook and project report, managed of IRB submission

4. *Scientist Opinion Panel Survey (SciOPS) Dr Eric Welch, Dr Mary Feeney, Dr. Tim Johnson (UIC)* June 2020 – Present

Research team member, tasks included survey design, data cleaning, and drafting final report and policy memos

Graduate Research Assistant – Dr. Karen Mossberger

5. *Venture Forward – (GoDaddy.com)* Aug. 2019 – June 2020

Research team member, tasks included data analysis to evaluate the role of the density of domain name websites on local prosperity and opportunity using a dataset of GoDaddy customers in the US. The project has been featured in the [New York Times](#) and the Brookings Institute.

Teaching Experience

Instructor

Fall 2021

Public Service & Policy in the 21st Century (PAF 200) – Undergraduate Course.
Arizona State University, School of Public Affairs. (Online and in-person)

Teaching Assistant

Summer 2020

Public Management (PAF 520) – Graduate Course. Arizona State University, School
of Public Affairs. (Online)

Service

Ad hoc reviewer: Journal of Public Administration Research and Theory; Public
Management Review; Government Information Quarterly; Academy of Management
Conference

Conference Discussant: Midwest Political Science Association (MPSA) 2021,
undergraduate student section discussant

Co-Chair and Member of the Organizing Committee: ASU – Tohoku University
Joint PhD Seminar Series on Technology, Science and Innovation Policy (Sept. 2020 –
Present)

Volunteer: Public Management Research Conference (PMRC), 2022

Awards and Honors

Outstanding Doctoral Student Award. *School of Public Affairs, Arizona State
University.* Apr. 2022

Research & Travel Funding

Travel Grant <i>Graduate and Professional Association (GPSA).</i> \$950	Sept. 2022
University Graduate Fellowship. <i>ASU School of Public Affairs.</i> \$900	Aug. 2022
ICPSR Scholarship. <i>ASU School of Public Affairs.</i> \$2,500	Jul. 2022 – Aug. 2022
Education Travel Award. <i>Center for Science, Technology and Environmental Policy Studies.</i> \$1,000	Jul. 2022 – Aug. 2022
University Graduate Fellowship. <i>ASU School of Public Affairs.</i> \$605	Feb. 2022
University Graduate Fellowship. <i>ASU School of Public Affairs.</i> \$1,565	Jan. 2021
University Graduate Fellowship. <i>ASU School of Public Affairs.</i> \$804	Jul. 2020

Scholarships

Graduate Scholarship. <i>Arizona State University</i>	2019 – Present
Fondo Sostegno Giovani. <i>Bocconi University</i>	2016
Erasmus+ Scholarship. <i>European Commission</i>	2014

Languages

Italian (native); **English** (expert); **Spanish** (intermediate), **French** (beginner),
Chinese (beginner)

IT Skills

Office Suite (excellent), **R** (advanced), **MPLUS** (intermediate), **Tableau** (intermediate), **SPSS** (intermediate)

Other Relevant Work Experiences

Deloitte Consulting

Government & Public Services: Consultant

Main tasks: PMO activities. Market and benchmark analysis. Reporting. Analysis of how to improve in terms of efficiency and effectiveness the operational processes of Italian public organizations.

Milan, Italy

Jul. 2018 – Jul. 2019

Government & Public Services: Business Analyst

Main Task: Advisory activities on the production processes and procurement of Italian public administration. Cost-benefit analyses. Compliance activities

Milan, Italy

Nov. 2017 – Jul. 2018

PwC Italy

Transfer Pricing: Analyst

Local file and Masterfile drafting complying with OECD guidelines; fiscal planning; scenario analysis

Milan, Italy

Feb. 2017 – Nov. 2017