Zachary T. McDermott

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RESEARCH INTERESTS	Education Policy, Quantitative Methods, Casual Inference, Educational Equity, Sexual & Gender Minorities, STEM Education, Students with Disabilities

EDUCATION

Wagner Graduate School of Public Service, New York University

Ph.D. Candidate, Public Policy and Administration (expected Spring 2022)
- Advisors: Leanna Stiefel & Joseph R. Cimpian
- Dissertation: How LGBQ youth, students with disabilities, and students in temporary housing fare in three different educational contexts.

M.Phil. in Public Administration, Fall 2020

Graduate School of the Arts and Sciences, New York University

M.A. in Applied Quantitative Research (Sociology), Fall 2014

University of Massachusetts - Amherst

B.A. in Sociology, May 2013

EXPERIENCE

Center for Innovation through Data Intelligence (CIDI) - Office of the Mayor of the City of New York, *Research Consultant*	07/2020-present
IES-PIRT/New York University, *Doctoral Research Fellow*	09/2017-05/2021
NYU Wagner, *Adjunct Instructor*	05/2019-08/2019
NYU Wagner, *Graduate Researcher*	06/2018-08/2019
NYU Steinhardt (PRIISM), *Graduate Research Assistant*	06/2018-08/2019
Public Consulting Group, *Independent Validator*	03/2017-01/2018
Institute for Education and Social Policy (IESP), *Sr. Associate, Research & Data Management*	11/2014-08/2017
The Financial Access Initiative, *Data Analyst*	06/2014-12/2014

PUBLICATIONS

Cimpian, J. R., Kim, T. H., & **McDermott, Z. T.** (2020). Understanding persistent gender gaps in STEM. *Science, 368*(6497), 1317-1319.

Rummo, P. E., Wu, E., **McDermott, Z. T.**, Schwartz, A. E., & Elbel, B. (2020). Relationship between retail food outlets near public schools and adolescent obesity in New York City. *Health & Place, 65*, 102408.

Elbel, B. D., Tamura, K., **McDermott, Z. T.**, Wu, E. & Schwartz, A. E. (2019). Childhood Obesity and the Food Environment: A Population-Based Sample of Public School Children in New York City. *Obesity.* doi:10.1002/oby.22663

Elbel, B. D., Tamura, K., **McDermott, Z. T.**, Duncan, D. T., Athens, J. K., Wu, E., Mijanovich, T., & Schwartz, A. E. (2019). Disparities in food access around homes and schools for New York City children. *PloS one, 14*(6), e0217341.

WORKING PAPERS

McDermott, Z. T. High School Exit Exams and Educational Attainment: Are Students with Disabilities Differentially Affected in Massachusetts?

McDermott, Z. T., Cimpian, J. R., Kim, T. H. How Stereotypical Beliefs Influence College Major Decisions: Differences by LGBQ Status.

WORKS IN PROGRESS	**McDermott, Z. T.** Educational Consequences of Experiencing Temporary Housing during Elementary School: Evidence from NYC.
	Cimpian, J. R., **McDermott, Z. T.**, Kim, T. H. Beyond Male-Female Gaps: Under-representation of Sexual and Gender Minorities in STEM
	Stiefel, L, Schwartz, A.E., **McDermott, Z. T.** Racial Gaps in Academic Performance of Students with Disabilities: Evidence from Massachusetts.
	Cimpian, J. R., **McDermott, Z. T.**, Jennings, J. L., Kim, T. H. Do Over-subscribed STEM Programs Improve Student Outcomes? Evidence from Screened Programs in NYC Public High Schools.
OTHER WORKS	Rosenbach, S., **McDermott, Z. T.** (2020). Yes, LGBTQ Students Are Still Silenced: Here Are 5 Ways Educators Can Help. *The Institute of Human Development and Social Change.* Blog Post. https://steinhardt.nyu.edu/ihdsc/on-the-ground/yes-lgbtq-students-are-still-silenced
CONFERENCE PRESENTATIONS	*High School Exit Exams and Educational Attainment: Are Students with Disabilities Differentially Affected in Massachusetts?*, 46th Association for Education and Finance Policy (AEFP), Virtual. (March 2021)
	Unpacking the Spatial Variation in Special Education: New Evidence from Massachusetts, 45th Association for Education and Finance Policy (AEFP), Virtual. (March 2020)
	Do Over-subscribed STEM Programs Improve Student Outcomes? Evidence from Screened Programs in NYC Public High Schools, 44th Association for Education and Finance Policy (AEFP), Kansas City, MO. (March 2019)

HONORS AND AWARDS	IES Pre-Doctoral Interdisciplinary Research Training fellowship Wagner Graduate School of Public Service	09/2017–05/2021

TEACHING EXPERIENCE	Instructor, Multiple Regression & Econometrics	Summer	2019
	Course Developer, Multiple Regression & Econometrics	Spring	2018 & 2019
	Course Developer, Economics of Education	Spring	2019
	Teaching Assistant, Media, Technology, & Sociology	Fall	2012

PROFESSIONAL AFFILIATIONS	American Educational Research Association (AERA)	2018-present
	Assoc. for Public Policy Analysis and Management (APPAM)	2017-present
	Assoc. for Education and Finance Policy (AEFP)	2015-present

VOLUNTEER/ OTHER	APPAM Policy Council, *Student Representative*	01/2020- present
	NYU GSAS Master's College Alumni Association (MCAA), *Member/Social Media Chair*	11/2014- present
	NYU Wagner Doctoral Board, *Student Representative*	09/2019- 08/2021
	Office of University Events - New York University, *Assistant Events Coordinator/Consultant*	09/2013- 05/2019
	iMentor, *Adult Mentor*	01/2015- 08/2016
	Pelham After School Program, *Supervising Staff*	08/2010- 07/2013
	UMass Sociology, *Peer Advisor*	08/2012 -05/2013

GRADUATE COURSEWORK	❏ IES-PIRT Research Training Seminar ❏ Econometrics I & II ❏ Economics of Education ❏ Labor Economics I ❏ Behavioral Economics ❏ Urban Economics ❏ Public Economics & Finance ❏ Doctoral Research Methods	❏ Advanced Empirical Methods ❏ Python Coding for Public Policy ❏ Machine Learning for Cities ❏ Education and Social Policy ❏ Large Databases in Education ❏ Applied Quantitative Analysis I & II ❏ Gender & Sexuality Seminar

RELEVANT SKILLS

Statistical	Stata - Expert SAS - Proficient R, Python, SPSS - Intermediate
Other	Microsoft Word, Excel, & PowerPoint - Expert Adobe Photoshop & Illustrator, LaTeX - Intermediate ArcGIS, Qualtrics, HTML - Basic
Languages	Spanish & German - Elementary Proficiency