

UNIVERSITY OF PENNSYLVANIA
PERELMAN SCHOOL OF MEDICINE
WHARTON SCHOOL

Curriculum Vitae

Date: 01/09/2026

Eric J. Tchetgen Tchetgen, PhD

Address: Department of Biostatistics, Epidemiology and Informatics
University of Pennsylvania, Perelman School of Medicine
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423 Guardian Drive
Philadelphia, PA 19104-6021 USA

Citizenship: U.S. citizen

Education:

1999	BS	Yale University (Applied Mathematics)
2006	PhD	Harvard University (Biostatistics)

Postgraduate Training and Fellowship Appointments:

2006-2008	Yerby Fellow, Biostatistics and Epidemiologic Methods, Harvard School of Public Health
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Faculty Appointments:

2008-2011	Assistant Professor of Epidemiology, Departments of Epidemiology and Biostatistics, Harvard School of Public Health
2011-2012	Associate Professor of Epidemiology, Departments of Epidemiology and Biostatistics, Harvard School of Public Health
2012-2015	Associate Professor of Biostatistics and Epidemiologic Methods, Departments of Biostatistics and Epidemiology, Harvard School of Public Health
2015-2017	Professor of Biostatistics and Epidemiologic Methods, Departments of Biostatistics and Epidemiology, Harvard School of Public Health
2018-2023	Luddy Family President's Distinguished Professor and Professor of Statistics and Data Science, Department of Statistics and Data Science, The Wharton School, University of Pennsylvania
2018-present	Adjunct Professor of Biostatistics and Epidemiologic Methods, Departments of Biostatistics and Epidemiology, Harvard School of Public Health
2018-present	Professor of Statistics and Data Science, The Wharton School,

2022-present	University of Pennsylvania Professor of Biostatistics in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine
2023-present	University Professor, The Wharton School and The Perelman School of Medicine, University of Pennsylvania

Other Appointments:

2000-2001	Instructor, Department of Community Health, Tufts School of Medicine
2008-2017	Faculty Associate, Institute of Quantitative Social Science, Harvard University
2008-2017	Faculty Associate, Center for Communicable Disease Dynamics, Harvard School of Public Health
2010-2017	Faculty Member, Program in Quantitative Genomic, Harvard School of Public Health
2026	Kirk Distinguished Visiting Fellow, Isaac Newton Institute for Mathematical Sciences, University of Cambridge

Awards, Honors and Membership in Honorary Societies:

1995-1996	Mars Scholar, Yale University
1998	Morse Mellon Travel Fellowship, Yale University
1999	Phi Eta Sigma Engineering Honor Society
2001-2005	NIH National Research Service Award, Predoctoral individual research training F31 ES11565-02
2006-2008	Yerby Fellowship, Harvard School of Public Health
2008	Best Poster Award: Gene Environment Initiative Symposium, Boston MA
2011	Kenneth Rothman Epidemiology Prize
2013-2014	Career Incubator Award, Harvard School of Public Health
2014	Article of the Year, Society of Epidemiologic Research and American Journal of Epidemiology
2018	Luddy Family President's Distinguished Professor, Wharton School, University of Pennsylvania
2020	Myrto Lepfokopoulou Distinguished Award and Lectureship, Harvard University
2020	Amazon Scholar
2021	Keynote Speaker Royal Statistical Society Conference
2022	International Biometrics Society, 75th Anniversary Distinguished Speaker Lecture
2022	Keynote Speaker AISTATS
2022	Columbia Centennial keynote address Speaker, Mailman School of Public Health, Columbia University
2022	The Rousseeuw Prize for Statistics
2023	The Fuller Lecture, Iowa State University
2023	The Challis Lecture, University of Florida, Gainesville, FL
2023	Distinguished Lecturer, Distinguished Lecture Series in

	Statistical Sciences (DLSSS), Canadian Statistical Sciences Institute (CANSSI), Toronto, Ontario
2023	The David Blackwell Lecture, Department of Statistics, Oxford University
2023	Keynote Speaker, 2nd CANSSI-NISS Health Data Science Workshop, University of Waterloo, Waterloo, Ontario
2024	Keynote Speaker, Causal Learning and Reasoning (CLear), Los Angeles, CA
2024	Marshall Joffe Epidemiologic Methods Research Award Society of Epidemiologic Research
2024	Keynote Speaker, 37th New England Statistics Symposium (NESS), Department of Statistics at the University of Connecticut
2025	The David R Cox Medal for Statistics
2025	The Bernard G. Greenberg Distinguished Lecture Series, University of North Carolina
2025	The Morris H DeGroot Memorial Lecture, Carnegie Mellon University
2026+	The Kirk Public Lecture, Isaac Newton Institute for Mathematical Sciences, University of Cambridge
2026+	Charles L. Odoroff Memorial Lecture University of Rochester

Memberships in Professional and Scientific Societies and Other Professional Activities:

International:

2008-2014	The Netherlands Organization for Health Research and Development (ZonMw) (Reviewer)
2010-2016	The European Commission, Directorate General for Research and Innovation (Expert Evaluator)
2013	National Institute of Allergy and Infectious Diseases (Fogarty Study Section)
2017-2018	Botswana Harvard AIDS Institute (Board Member)
2017-Present	Fund for the Scientific Research, Belgium (Reviewer)
2018-Present	UK Medical Research Council (Reviewer)
2023-2025	International Prize for Statistics (Selection Committee Member)

National:

2010	National Cancer Institute, "Next Generation Analytic Tools for Large Scale Genetic Epidemiology Studies of Complex Diseases" (Expert Panel Member)
2013-2014	National Institute of Child Health and Human Development, "Methods of Missing

	data in Epidemiology Practice" (Expert Panel Member)
2014-2017	Food and Drug Administration (Expert Statistician, Arthritis Advisory Committee)
2014	National Institute of Environmental Health Sciences (Gene-environment interaction special study section)
2014-Present	The National Science Foundation Reviewer (Reviewer)
2016-Present	The American Mathematical Society (Reviewer)
2017-2020	National Institute of Allergy and Infectious Diseases (Standing Member of AIDS Clinical Studies and Epidemiology Study Section (ACE))
2020-Present	Laboratory for Early Psychosis Center, Harvard Medical School (Board Member)
2021-Present	Health Effects Institute (Review Committee Member)
2021-Present	Institute of Pure and Applied Mathematics, UCLA (Board Member)
2021-Present	National Institute of Statistical Science (Board Member)
2022-Present	Health Effects Institute (Review Board Member)

Editorial Positions:

2006-Present	Reviewer, Epidemiology
2006-Present	Reviewer, The American Journal of Epidemiology
2006-Present	Reviewer, International Journal of Epidemiology
2008-Present	Reviewer, British Medical Journal
2008-Present	Reviewer, Statistics and Probability Letters
2008-Present	Reviewer, Biometrics
2008-Present	Reviewer, Journal of the American Statistical Association
2008-Present	Reviewer, Scandinavian Journal of Statistics
2008-Present	Reviewer, Journal of the Royal Statistical Society Series B, Statistical Science
2008-Present	Reviewer, The Annals of Statistics
2008-Present	Reviewer, Statistics in Medicine
2008-Present	Reviewer, Biometrika
2008-Present	Reviewer, Biostatistics
2008-Present	Reviewer, Clinical Trials
2009-2012	Editorial Board Member, International Journal of Biostatistics
2011-Present	Editorial Board Member, Journal of Causal Inference
2012-Present	Reviewer, Psychological Methods

2012-Present	Reviewer, Environmental Health Perspectives
2012-2016	Founding Co-Editor-in-Chief, Epidemiologic Methods
2012-2016	Editorial Board Member, Biostatistics
2014-Present	Reviewer, Human Genetics
2014-2018	Editorial Board Member, Statistical Science
2015-Present	Editorial Board Member, Observational Studies
2016-Present	Reviewer, Sociological Methods
2018-Present	Editorial Board Member, American Journal of Epidemiology
2020-2022	Editorial Board Member, Journal of the Royal Society of Statistics, Series B
2020-2022	Editorial Board Member, Journal of the American Statistical Association
2023-Present	Reviewer, Econometrica
2025-Present	Editorial Board Member, The Annals of Statistics

Academic and Institutional Committees:

2008-2017	Faculty Advisor, Biostatistics Summer Program in Quantitative Methods, Harvard School of Public Health
2008	Member, Admissions Committee, Methods concentration, Epidemiology, Harvard School of Public Health
2009	Member, Methods Faculty Search Committee, Epidemiology, Harvard School of Public Health
2009	Member, Methods Curriculum Committee, Epidemiology, Harvard School of Public Health
2009-2011	Member, Doctoral Student Qualifying Exam Committee, Epidemiology, Harvard School of Public Health
2010-2013	Member, Faculty Council, Harvard School of Public Health
2013	Member, Curriculum Committee, Biostatistics, Harvard School of Public Health
2013-2017	Member, Qualifying Exam Committee, Biostatistics, Harvard T.H. Chan School of Public Health
2014-2016	Co-Chair, Curriculum Committee, Biostatistics, Harvard T.H. Chan School of Public Health
2018-2020	Member, Wharton Personnel Committee, The Wharton School, University of Pennsylvania
2019-2020	Member, Dean's Committee, The Wharton School, University of Pennsylvania
2019-2021	Member, Personnel Committee, The Wharton School, University of Pennsylvania
2019	Member, DBEI Biostatistics Director Search Committee, Perelman School of Medicine, University of Pennsylvania
2020-2021	Chair, Faculty Recruitment Committee, Statistics Department, The Wharton School, University of Pennsylvania
2020-2021	Chair, Community Building Committee, The Wharton School,

2020-2021	University of Pennsylvania Chair, Faculty Recruitment Committee, The Wharton School, University of Pennsylvania
2023-Present	Member, Biostatistics Faculty Recruitment Committee, Perelman School of Medicine, University of Pennsylvania

Major Academic and Clinical Teaching Responsibilities:

2000	Instructor, Principles of Biostatistics, Tufts Medicine
2001-2002	Teaching Assistant, Principles of Biostatistics, HSPH Biostatistics
2002-2006	Teaching Assistant: Advanced Epidemiologic Methods, Harvard School of Public Health Epidemiology
2003	Teaching Assistant: Applied Survival Analysis, Harvard School of Public Health Biostatistics
2004	Teaching Assistant: Semiparametric Theory, Harvard School of Public Health Biostatistics
2007	Instructor: Causal Inference, Porto School of Medicine, Portugal
2008-2009	Instructor: Survival Analysis, Porto School of Medicine, Portugal
2008	Co-Instructor: Causal Inference, Harvard School of Public Health Biostatistics
2008-2010	PhD Dissertation Committee Member: Rajeev Ayyagari, Biostatistics PhD Student, Harvard School of Public Health
2008-2012	PhD Dissertation Committee Member: Jessica Hartman, Epidemiology PhD Student, Harvard School of Public Health
2008-2012	PhD Dissertation Committee Member: Melinda Power, Environmental Health PhD Student, Harvard School of Public Health
2009	Co-Instructor, Advanced Topics in case-control and cohort studies, Harvard School of Public Health Epidemiology
2009-2012	Co-Instructor: Advanced Epidemiologic Methods, Harvard School of Public Health Epidemiology
2009-2011	PhD Dissertation Committee Member: Kathleen Wirth, Epidemiology PhD Student, Harvard School of Public Health
2009-2011	PhD Dissertation Committee Member: Quanhong Lei-Gomez, Biostatistics PhD Student, Harvard School of Public Health
2009-2011	PhD Dissertation Committee Member: Elizabeth Ogburn, Biostatistics PhD Student, Harvard School of Public Health
2009-2013	PhD Dissertation Committee Member: Jeffrey Anderson, Epidemiology PhD Student, Harvard School of Public Health
2009-2012	PhD Dissertation Committee Member: Shannon Stock, Biostatistics PhD Student, Harvard School of Public Health
2009-2014	PhD Dissertation Committee Member: Rajarshi Mukherjee, Biostatistics PhD Student, Harvard T.H. Chan School of Public Health
2010-2014	PhD Dissertation Committee Member: Thu Nguyen, Society and Health PhD Student, Harvard T.H. Chan School of Public Health
2010-2014	PhD Dissertation Committee Member: Marden Gilzans, Society and

	Health, Harvard T.H. Chan School of Public Health
2010-2014	PhD Dissertation Committee Member: Julia Wu, Epidemiology, Harvard T.H. Chan School of Public Health
2010-2012	Academic Advisor: Ryan Seals, Epidemiology, Harvard School of Public Health
2010-2012	PhD Dissertation Co-Advisor: Alisa Stephens, Biostatistics, Harvard School of Public Health
2010-2012	PhD Dissertation Committee Member: Alisa Stephens, Harvard School of Public Health
2012-Present	Instructor: Methods I, Biostatistics, Harvard School of Public Health
2012-Present	Instructor: A modicum of causal inference, Genentech short course
2012-Present	Instructor: A modicum of causal inference, GNS Healthcare short course
2012	Co-Instructor: Introduction to causal inference, International Chinese Statistical Association
2012-2014	PhD Dissertation Committee Member: Jessica Marden, Society and Health, Harvard T.H. Chan School of Public Health
2012-2014	PhD Dissertation Committee Member: Huang Chuan-Chin, Epidemiology, Harvard T.H. Chan School of Public Health
2012-2015	PhD Dissertation Committee Member: Ryan Seals, Epidemiology, Harvard T.H. Chan School of Public Health
2012-2016	PhD Dissertation Advisor: Caleb Miles, Biostatistics, Harvard T.H. Chan School of Public Health
2012-2015	Postdoctoral Research Mentor: Kathleen Wirth, Epidemiology, Harvard T.H. Chan School of Public Health
2012-2014	Postdoctoral Research Mentor: Roland Matsouaka, Biostatistics, Harvard T.H. Chan School of Public Health
2012-2015	PhD Dissertation Advisor: Caleb Miles, Biostatistics, Harvard T.H. Chan School of Public Health
2013-Present	Instructor: Advanced Epidemiologic Methods, University of Hong-Kong
2013-2014	Postdoctoral Research Mentor: Tomar Sofer, Biostatistics, Harvard T.H. Chan School of Public Health
2013-2015	Postdoctoral Research Mentor: Lan Liu, Biostatistics, Harvard T.H. Chan School of Public Health
2013-2015	Academic Advisor: Sheng-Hsuan Li, Epidemiology, Harvard T.H. Chan School of Public Health
2013-2018	PhD Dissertation Advisor: Katherine Evans, Biostatistics, Harvard T.H. Chan School of Public Health
2013-2016	PhD Dissertation Advisor: BaoLuo Sun, Biostatistics, Harvard T.H. Chan School of Public Health
2013-2014	Academic Advisor: Georgia Papadogeorgou, Biostatistics, Harvard T.H. Chan School of Public Health
2014	Co-Instructor: Instrumental variable methods for Epidemiology, Society of Epidemiologic Research
2014	Instructor: Instrumental variables: a modern overview, Short Course,

	Society of Epidemiologic Methods Seattle
2014	Instructor: Statistical Methods for Incomplete Data, Harvard T.H. Chan School of Public Health Biostatistics
2014-2017	PhD Dissertation Committee Member: Godwin Yung, Biostatistics, Harvard T.H. Chan School of Public Health
2014-2017	PhD Dissertation Committee Member: Abishek Chakraborty, Biostatistics, Harvard T.H. Chan School of Public Health
2014-2017	PhD Dissertation Committee Member: Edward Kennedy, Biostatistics, University of Pennsylvania, Perelman School of Medicine
2015-2018	PhD Dissertation Advisor: Isabel Fulker, Biostatistics, Harvard T.H. Chan School of Public Health
2016-2018	Postdoctoral Research Mentor: Linbo Wang, Biostatistics, Harvard T.H. Chan School of Public Health
2017-2019	PhD Dissertation Committee Member: Jaffer Zaidi, Biostatistics, Harvard T.H. Chan School of Public Health
2017-2018	Postdoctoral Research Mentor: Wang Miao, Biostatistics, Harvard T.H. Chan School of Public Health
2017-2019	Postdoctoral Research Co-Mentor: Xu Shi, Biostatistics, Harvard T.H. Chan School of Public Health
2017-2019	Postdoctoral Research Mentor: Haben Michael, Statistics, The Wharton School, University of Pennsylvania
2017-2018	PhD Dissertation Co-Advisor: Kaitlyn Cook, Biostatistics, Harvard T.H. Chan School of Public Health
2017-2018	PhD Dissertation Co-Advisor: Tom Chen, Biostatistics, Harvard T.H. Chan School of Public Health
2018-Present	Instructor: Semiparametric Theory, Statistics Department, The Wharton School
2018-2019	Postdoctoral Research Co-Mentor: Isabel Fulcher, Biostatistics, Harvard T.H. Chan School of Public Health
2019	Instructor: Observational Studies, Statistics Department, The Wharton School
2019-2021	Postdoctoral Research Mentor: Yifan Cui, Statistics, The Wharton School, University of Pennsylvania
2019-2022	PhD Dissertation Committee Member: Chan Park, Statistics, University of Wisconsin
2020-2022	Postdoctoral Research Mentor: Andrew Ying, Statistics, The Wharton School, University of Pennsylvania
2020-2023	Postdoctoral Research Co-Mentor: Amiremad Ghassami, Statistics, Johns Hopkins Computer Science
2021-2023	Postdoctoral Research Co-Mentor: David Qiu, Statistics, The Wharton School, University of Pennsylvania
2021-2024	Postdoctoral Research Co-Mentor: Kendrick Li, Biostatistics, University of Michigan
2021-2022	Postdoctoral Research Mentor: Oliver Dukes, Statistics, The Wharton School, University of Pennsylvania

2021-2024	PhD Dissertation Advisor: Yachong Yang, Statistics, The Wharton School, University of Pennsylvania
2021-Present	PhD Dissertation Committee Member: Jeffrey Zhang, Statistics, The Wharton School, University of Pennsylvania
2022-2024	Postdoctoral Research Mentor: Chan Park, Statistics, The Wharton School, University of Pennsylvania
2023-2024	PhD Dissertation Committee Member: Katherine Brumberg, The Wharton School, University of Pennsylvania
2023	PhD Lab Rotation Advisor, Jiewen Liu, Biostatistics PhD Student, Perelman School of Medicine, University of Pennsylvania
2023	PhD Lab Rotation Advisor, Shalini Ramachandra, Biostatistics PhD Student, Perelman School of Medicine, University of Pennsylvania
2023-2025	Postdoctoral Research Mentor: Keletso Makofane, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	PhD Dissertation Co-Advisor: Shalini Ramachandra, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-2025	Postdoctoral Research Co-Mentor: Prabrisha Rakshit, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	Postdoctoral Research Co-Mentor: Yonghoon Lee, Statistics, The Wharton School, University of Pennsylvania
2023-2025	Postdoctoral Research Co-Mentor: Arti Virkud, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-2024	Postdoctoral Research Co-Mentor: Ying Zhou, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	Postdoctoral Research Co-Mentor: Jinghao Sun, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	Postdoctoral Research Co-Mentor: Yunshu Zhang, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	Postdoctoral Research Co-Mentor: Seong-ho Lee, Biostatistics, University of Michigan
2023-Present	PhD Dissertation Advisor: Jiewen Liu, Biostatistics, Perelman School of Medicine, University of Pennsylvania
2023-Present	PhD Co-Mentor: Abhinandan Dalal, Statistics, The Wharton School, University of Pennsylvania
2023-2024	PhD Dissertation Committee Member: Rebecca Farina, Statistics & Data Science, Carnegie Mellon University
2023-2024	PhD Dissertation Committee Member: Yuchen Chen, Statistics & Data Science, Carnegie Mellon University
2024-Present	Instructor: Advanced Causal Inference, Department of Statistics and Data Science, The Wharton School, University of Pennsylvania
2024-Present	PhD Lab Rotation Advisor: Xiaohan Liu, Biostatistics PhD Student, Perelman School of Medicine, University of Pennsylvania
2024-Present	PhD Lab Rotation Advisor: Minh Phan, Biostatistics PhD Student, Perelman School of Medicine, University of Pennsylvania
2025-Present	Postdoctoral Research Co-Mentor: Daniel Xu Perelman School of Medicine, University of Pennsylvania

2025-Present Postdoctoral Research Co-Mentor: Antonio Olivia-Martinez
 Perelman School of Medicine, University of Pennsylvania

Lectures by Invitation (Sampled over the past five years)

Oct, 2020	"An Introduction to Proximal Causal Learning", Donald Bren School of Information & Computer Sciences, University of California Irvine, Virtual Talk
Oct, 2020	"MR GENIUS: A Principled Approach to Robust Mendelian Randomization Inference", Harvard TH Chan School of Public Health Department of Epidemiology Seminar Series, Virtual Talk
Oct, 2020	"An Introduction to Proximal Causal Learning", Harvard University Institute for Quantitative Social Science, Workshop on Applied Statistics, Virtual Talk
Nov, 2020	"An Introduction to Proximal Causal Learning", IDSS Distinguished Speaker Seminar Series, Massachusetts Institute of Technology (MIT), Virtual Talk
Nov, 2020	"Naïve regression requires weaker assumptions than factor models to adjust for multiple cause confounding", Discussant, Online Causal Inference Seminar, Stanford Data Science, Virtual Talk
Feb, 2021	"Proximal Causal Learning", The Thirty-Fifth Association for the Advancement of Artificial Intelligence (AAAI) Conference on Artificial Intelligence, AI for Behavior Change Workshop, Virtual Talk
Feb, 2021	"An Introduction to Negative Control and Proximal Causal Learning", University of Bristol MRC Integrative Epidemiology Unit Seminar, Virtual Talk
Feb, 2021	"An Introduction to Proximal Causal Learning", Neyman Seminar, Department of Statistics, University of California Berkeley, Virtual Talk
Feb, 2021	"An Introduction to Proximal Causal Inference", Quantitative Research Methods Workshop, Department of Political Science Yale University, Virtual Talk
Apr, 2021	"Semiparametric Proximal Causal Inference", Department of Statistics and Data Science, Yale University, Virtual Talk
Jul, 2021	"A Vignette of Causal Challenges and Opportunities in Aging Research", Pipelines into Quantitative Aging Research Summer Program Inaugural Symposium, Keynote Speaker, Virtual Talk
Aug, 2021	"Instrumental Variable Estimation of Marginal Structural Cox Model for Time-Varying Treatments", Joint Statistical Meetings (JSM), Virtual Talk
Sep, 2021	"Proximal Causal Inference", Royal Statistical Society's 2021 International Conference, Keynote Speaker, Manchester, UK
Dec, 2021	"Proximal Causal Inference", UNC Causal Inference Group, CIRG Meeting, University of North Carolina, Chapel Hill, Virtual Talk

Feb, 2022	"An (un)Holy Union: Causal Inference, Semiparametric Statistics and Machine Learning in the Age of Data Science", Centennial Distinguished Speakers Series, Keynote Address, Columbia Mailman School of Public Health, NY, NY
Mar, 2022	"New Methods for Taming Endogeneity Bias in Observational Studies: Proxies, Bespoke Instruments and Invalid Instruments", AISTATS Keynote Address, Online
Mar, 2022	"New Methods for Taming Endogeneity Bias in Observational Studies: Proxies, Bespoke Instruments and Invalid Instrum", The 25th International Conference on Artificial Intelligence and Statistics, Keynote Address, Virtual Conference
Mar, 2022	"An Introduction to Proximal Causal Inference", Foundations of Data Science Seminar Series, Virtual Talk
Apr, 2022	"Addressing Selection and Confounding Bias in Test-Negative Study Designs for Flu and COVID-19 Monitoring", CBER BEST Initiative Seminar Series, Northeastern University
May, 2022	"Doubly Robust Calibration of Prediction Sets under Covariate Shift", 49th Annual Meeting of the Statistical Society of Canada, Virtual Conference
Jun, 2022	"Theory for Identification and Inference with Synthetic Controls: A Proximal Causal Inference Framework", Data X Workshop on Synthetic Control Methods, Princeton University, Princeton, NJ
Aug, 2022	"Proximal Optimal Treatment Regimes", JSM, Washington, DC
Aug, 2022	"On Identification of Optimal Dynamic Treatment Regimes: A Proximal Causal Inference Approach", Joint Statistics Meetings (JSM), Washington, DC
Sep, 2022	"From Ghost Shrimps to Counterfactual Thinking: A Personal Journey into the Diverse World of Biometrics", IBS Distinguished Speaker Series, Virtual Talk
Sep, 2022	"Negative Control Methods to De-bias Test-Negative Design Studies of COVID-19 Vaccine Effectiveness", UNC Biostatistics Seminar Series, UNC Gillings School of Public Health, Chapel Hill, NC
Feb, 2023	"Single Proxy Control", MIT/Harvard Econometrics Seminar, Boston, MA
Mar, 2023	"An Introduction to Proximal Causal Inference", Department of Epidemiology, Biostatistics and Occupational Health's Winter 2023 Seminar Series, McGill University - School of Population and Global Health, Quebec, Canada, Virtual Talk
Mar, 2023	"An Introduction to Proximal Causal Inference", Precision Medicine Translational Research Center in the Department of Population Medicine at Harvard Medical School and Harvard Pilgrim Health Care Institute, Virtual Talk
Apr, 2023	"Single Proxy Control", University of Chicago Booth School of Business, Chicago, IL
May, 2023	"Single Proxy Control", Boston University, Virtual Talk
May, 2023	"Single Proxy Control", University of Illinois Urbana-Champaign,

	Virtual Talk
May, 2023	"Theory for identification and inference with Synthetic Controls: A proximal causal inference perspective", Department of Economics, University of Toronto, Toronto, Ontario
May, 2023	"An (un)Holy Union: Causal Inference, Semiparametric Statistics and Machine Learning in the Age of Data Science", "Single Proxy Control ", Distinguished Lecturer in the Distinguished Lecture Series in Statistical Sciences (DLSS), Toronto , Ontario
Jun, 2023	"New methods for confounding control in observational studies", Society for Epidemiological Society, Portland, OR
Jul, 2023	"Some New Causal Inference Methods in Epidemiology: On Bespoke IVs and Proxies", David Schottenfeld Lecture, University of Michigan Summer Session in Epidemiology, Virtual Talk
Jul, 2023	"An introduction to Negative Control methods in Epidemiology", CDC Workshop on Applied Methods in Environmental Epidemiology, Virtual Talk
Aug, 2023	"Universal Difference-in-Differences", CANSSI-NISS Health Data Science Workshop at the University of Waterloo, Waterloo, Ontario
Aug, 2023	"Proximal Causal Inference for Separable Effects With Applications to Aging Research", 44th Annual Conference of the International Society for Clinical Epidemiology, Milan, Italy
Sep, 2023	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", Fuller Lecture at Iowa State University, Ames, IO
Oct, 2023	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", David Blackwell Lecture, Department of Statistics, Oxford University, Oxford, UK
Nov, 2023	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", Center for Computing & Data Sciences (CDS), Boston University, Boston, MA
Nov, 2023	"An (un)Holy Union: Causal Inference, Semiparametric Statistics and Machine Learning in the Age of Data Science" and "Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", Challis Lecture, University of Florida, Gainesville, FL.
Nov, 2023	"Negative Control Methods to De-bias Test-Negative Design Studies of COVID-19 Vaccine Effectiveness", Department of Epidemiology, School of Public Health, University of Pittsburgh, Virtual Talk
Jan, 2024	"Negative Control Methods to De-bias Test-Negative Design Studies of COVID-19 Vaccine Effectiveness" Department of Epidemiology and Biostatistics Seminar, Drexel University, Philadelphia, PA
Feb, 2024	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression" Department of Biostatistics Seminar, University of Washington, Seattle, WA
Feb, 2024	"New Methods to Estimate Causal Effects in the Presence of Post-Treatment Outcomes", Research Day, Department of Biostatistics, Epidemiology and Biostatistics, University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA

Feb, 2024	"Structural Cumulative Survival Models for Estimation of Treatment Effects Accounting for Treatment Switching in Randomized Experiments", Merck & Co., Inc, Virtual Talk
Mar, 2024	"Structural Cumulative Survival Models for Estimation of Treatment Effects Accounting for Treatment Switching in Randomized Experiments", Department of Biostatistics, Brown University, Providence, RI, Virtual Talk
Apr, 2024	"Double negative control in test-negative design studies of vaccine effectiveness", University of California San Diego, San Diego, CA, Virtual Talk
Apr, 2024	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", Causal Learning and Reasoning (CLearR) 2024, Los Angeles, CA
May, 2024	"Regression-Based Proximal Causal Inference", Practical Causal Inference Lab, University of California Los Angeles, Virtual Talk
May, 2024	"Introducing the Forster-Warmuth Nonparametric Counterfactual Regression", 37th New England Statistics Symposium (NESS), Department of Statistics, University of Connecticut, Mansfield, CT
Sep, 2024	"Negative Control Methods for Credible RWE", GlaxoSmithKlein, Virtual Talk

Organizing Roles in Scientific Meetings:

Apr, 2010	Conference Abstracts Reviewer, American Statistical Association Virtual
Jun, 2012	Organizer and Participant, "Missing Data Symposium", Society for Epidemiologic Research Minneapolis, MN
Jun, 2012	Roundtable Discussant, Society for Epidemiologic Research 45th Annual Meeting Minneapolis, MD
Jun, 2013	Roundtable Discussant, Society for Epidemiologic Research 46th Annual Meeting Boston, MA
Jun, 2014	Roundtable Discussant, Society for Epidemiologic Research 47th Annual Meeting Seattle, WA
Jun, 2015	Workshop Organizer and Chair, "Instrumental variable (IV) framework for accounting for unobserved confounding and other sources of selection bias", Society for Epidemiologic Research Denver, CO
Nov, 2015	Organizing Committee Member, Workshop on Methods for Data Missing Not at Random Workshop, National Institute of Statistical Science Washington, DC
Sep, 2024	Planning Committee, International Epidemiology Congress Cape Town, South Africa

Bibliography:Research Publications, peer reviewed (print or other media):

1. Tchetgen E, Kaplan EH, Friedland, GH: Public health consequences of screening patients for adherence to highly active antiretroviral therapy. Journal of Acquired Immune Deficiency Syndromes 26(2): 118-129, Feb 2001.
2. Wilson IB, Tchetgen E, Spiegelman D: Patterns of adherence with antiretroviral medications: an examination of between-medication differences. Journal of Acquired Immune Deficiency Syndromes 28(3): 259-263, Nov 2001.
3. Tang AM, Forrester J, Spiegelman D, Knox TA, Tchetgen E, Gorbach SL: Weight loss and survival in HIV-positive patients in the era of highly active antiretroviral therapy. Journal of Acquired Immune Deficiency Syndromes 31(2): 230-236, Oct 2002.
4. Roubenoff R, Grinspoon S, Skolnik PR, Tchetgen E, Abad L, Spiegelman D, Knox T, Gorbach S: Role of cytokines and testosterone in regulating lean body mass and resting energy expenditure in HIV-infected men. American Journal of Physiology-Endocrinology and Metabolism 283: E138-145, 2002.
5. Forrester JE, Spiegelman D, Tchetgen E, Gorbach SL: Fat and lean body mass in HIV-associated weight loss. American Journal of Clinical Nutrition 76(6): 1428-1434, Dec 2002.
6. Forrester JE, Spiegelman D, Tchetgen E, Knox TA, Gorbach SL: Weight loss and body-composition changes in men and women infected with HIV. The American Journal of Clinical Nutrition 76(6): 1428-1434, Dec 2002.
7. Jacobson DL, Bica I, Knox TA, Wanke C, Tchetgen E, Spiegelman D, Silva M, Gorbach S, Wilson IB: Difficulty swallowing and lack of receipt of highly active antiretroviral therapy predict acute weight loss in human immunodeficiency virus disease Infectious Diseases Society of America 37(10): 1349-1356, Nov 2003.
8. Lingling Li, Tchetgen E, van der Vaart A, Robins J: Robust Inference with Higher Order Influence Functions: Part II. Proceedings of the American Statistical Association 2005.
9. McDermott AY, Terrin N, Wanke C, Skinner S, Tchetgen E, Shevitz, AH: CD4+ cell count, viral load, and highly active antiretroviral therapy use are independent predictors of body composition alterations in HIV-infected adults: a longitudinal study. Clinical Infectious Diseases 41(11): 1662-1670, Dec 2005.
10. Tchetgen E, Li L, van der Vaart A, Robins J: Robust Inference with Higher Order Influence Functions: Part I. Proceedings of the American Statistical Association 2005.

11. Tchetgen E, Coull B: A Diagnostic Test for the Mixing Distribution in a Generalized Linear Mixed Model. Biometrika 93(4): 1003-1010, 2006.
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