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Family Status: Married, two children
(born 2006, 2009)

Education:

1998-2003   Northwestern University, Ph.D. in Economics.
1997-1998   CORIPE Piemonte, Italy, MA in Economics.
1993-1997   Università degli Studi di Torino, Italy, *Laurea in Economia*, Summa cum Laude.

Academic Positions:

H. T. Warshow and Robert Irving Warshow Professor of Economics and Professor of Statistics, Cornell University, 2017 – present.

Director of Graduate Studies, Cornell University, 2023-present.

Professor of Economics and Professor of Statistics, Cornell University, 2014–2016.

Associate Chair, Department of Economics, Cornell University, 2012–2013.

Associate Professor of Statistics, Cornell University, 2013.

Assistant (2003-2009) and Associate (2009-2013, tenured) Professor of Economics, Cornell University.

Visiting Position:

Visiting Professor of Economics (sabbatical leave), Duke University 2018-2019.

Books

Random Sets in Econometrics, with Ilya Molchanov, April 2018, Econometric Society Monograph Series, Cambridge University Press.

Published and Accepted Papers:

"Risk Preference Types, Limited Consideration, and Welfare" with Levon Barseghyan, July 2023, accepted for publication in the *Journal of Business and Economic Statistics*, with comments and rejoinder.

"Tail and Center Rounding of Probabilistic Expectations in the Health and Retirement Study," with Pamela Giustinelli and Charles F. Manski, *Journal of Econometrics*, vol. 231, pp. 265-281, November 2022.

Constraint Qualifications in Partial Identification," with Hiroaki Kaido and Joerg Stoye, April 2021, forthcoming in *Econometric Theory*, vol. 38, pp. 596-619, June 2022.

"Precise or Imprecise Probabilities? Evidence from Survey Response on Late-onset Dementia," with Pamela Giustinelli and Charles F. Manski, *Journal of the European Economic Association*, vol. 20, pp. 187–221, February 2022.

"Heterogeneous Choice Sets and Preferences," with Levon Barseghyan, Maura Coughlin, and Joshua C. Teitelbaum, *Econometrica*, vol. 89, pp. 2015-2048, September 2021, **lead article**.

"Discrete Choice under Risk with Limited Attention," with Levon Barseghyan and Matthew Thirkettle, *American Economic Review*, vol. 111, pp. 1972-2006, June 2021.

"Estimating the COVID-19 Infection Rate: Anatomy of an Inference Problem", with Charles F. Manski, *Journal of Econometrics*, vol. 220, pp. 181-192, January 2021, recipient of the 2022 **Willard G. Manning Memorial Award** for the Best Research in Health Econometrics.

"Local Regression Smoothers with Set-Valued Outcome Data," with Qiyu Li, Ilya Molchanov and Sida Peng, *International Journal of Approximate Reasoning*, vol. 128, pp. 129-150, January 2021.

"Microeconometrics with Partial Identification," in Handbook of Econometrics, vol. 7A, S. Durlauf, L.P. Hansen, J.J. Heckman, R.L. Matzkin (Eds.), pp. 355-486, Elsevier, 2020.

"The Cost of Legal Restrictions on Experience Rating," with L. Barseghyan, D. Steeg Morris and J. Teitelbaum, August 2019, *Journal of Empirical Legal Studies*, vol. 17, pp. 38-70, March 2020.

"Confidence Intervals for Projections of Partially Identified Parameters," with Hiroaki Kaido and Joerg Stoye, *Econometrica*, vol. 87, pp. 1397-1432, July 2019.

"Estimating Risk Preferences in the Field," with L. Barseghyan, T. O'Donoghue and Josh Teitelbaum, *Journal of Economic Literature*, vol. 56, pp. 501-564, June 2018.

"Inference under Stability of Risk Preferences," with L. Barseghyan and J. C. Teitelbaum, *Quantitative Economics*, vol. 7, pp. 367-409, July 2016.

"Applications of Random Set Theory in Econometrics," with I. Molchanov, *Annual Reviews of Economics*, vol. 6, pp. 229-251, August 2014.

"The Nature of Risk Preferences: Evidence from Insurance Choice," with L. Barseghyan, T. O'Donoghue and J. C. Teitelbaum, *American Economic Review*, vol. 103, n. 6, pp. 2499-2529, October 2013.

"Distinguishing Probability Weighting from Risk Misperceptions in Field Data," with Levon Barseghyan, Ted O'Donoghue and Joshua C. Teitelbaum, *American Economic Review Papers and Proceedings*, 2013, vol. 103, number 3, 580-585.

"Partial Identification Using Random Set Theory," with Arie Beresteanu and Ilya Molchanov, *Journal of Econometrics*, 2012, vol. 166, issue 1, pages 17-32. ERRATA

"Sharp Identification Regions in Models with Convex Moment Predictions," with Arie Beresteanu and Ilya Molchanov, _Econometrica_, 2011, vol. 79, issue 6, pages 1785-1821.

"Rounding Probabilistic Expectations in Surveys," with Charles F. Manski, _Journal of Business and Economic Statistics_, 2010, vol. 28, number 2, pages 219-231.

"Missing Treatments," _Journal of Business and Economic Statistics_, 2010, vol. 28, number 1, pages 82-95.

"The Identification Power of Equilibrium in Games: The Supermodular Case," with Adam Rosen, _Journal of Business and Economic Statistics_, 2008, vol. 26, number 3, pages 297-302. Invited discussion of Aradillas-Lopez and Tamer (2008) prepared for the 2007 Joint Statistical Meetings.

"Asymptotic Properties for a Class of Partially Identified Models," with Arie Beresteanu, _Econometrica_, 2008, vol. 76, issue 4, pages 763-814.

"Partial Identification of Probability Distributions with Misclassified Data," _Journal of Econometrics_, 2008, vol. 144, issue 1, pages 81-117.

"Skip Sequencing: A Decision Problem in Questionnaire Design," with Charles F. Manski, _Annals of Applied Statistics_, 2008, vol. 2, number 1, pages 264-285.

"Spatial Correlation Robust Inference with Errors in Location or Distance," with Timothy G. Conley, _Journal of Econometrics_, 2007, vol. 104, issue 1, pages 76-96.

"Generalization of a Result on 'Regressions: Short and Long'," with Marcin Peski, _Econometric Theory_, 2006, vol. 22, issue 1, pages 159-163.

Other Publications:

"Econometric Issues in the Presence of Multiple Equilibria," 2010, in the _New Palgrave Dictionary of Economics_.

"Statistical Analysis of Choice Experiments and Surveys," with D. McFadden, A. Bemmaor, F. Caro, J. Dominitz, B. Jun, A. Lewbel, R. Matzkin, N. Schwarz, R. Willis and J. Winter, _Marketing Letters_, 2005, vol. 16, number 3/ 4, pages 183-196.

Working Papers:

"Job Hunting: A Costly Quest," with Domenico Ferraro, Nir Jaimovich, Cristobal Young, November 2022. Revision requested by _AEJ: Macro_.

"Estimation of best linear approximations to set identified functions," with Arun G. Chandrasekhar, Victor Chernozhukov, and Paul Schrimpf, December 2018, CeMMAP Working Paper CWP 09/19. Revision requested by _Quantitative Economics_.

"Calibrated Projection in MATLAB: Users' Manual," with Hiroaki Kaido, Joerg Stoye, and Matt Thirkettle, October 2017, https://arxiv.org/abs/1710.09707.

Work in Progress:

"Identification and Inference for Pure Random Coefficients Models with Limited Consideration", with Levon Barseghyan.
"A Simple Test for Sign Congruence," with Doug Miller and Joerg Stoye.

"Simple Inference for Constrained Optima," with Hiroaki Kaido and Joerg Stoye.

"Information Based Inference in Models with Set Valued Predictions and Misspecification," with Hiroaki Kaido.

"Sharp Identification Regions for Network Formation Models with Bounded Depth and Degree," with Abhishek Ananth.

"Estimating Risk Preferences under Moral Hazard," with Levon Barseghyan.

"Effort Provision in a Social Coding Platform: Evidence from GitHub," with Levon Barseghyan, Matt Thirkettle, and Sida Peng.

"Computational Methods for Partially Identified Models via Data Augmentation and Support Vector Machines," with Haim Bar.

"Bracketing and Risk Preferences: Identification and Estimation in Field Data," with Levon Barseghyan, Ted O'Donoghue and Josh Teitelbaum.

Software:

Discrete Choice Under Risk with Limited Consideration in Matlab, with Levon Barseghyan and Matthew Thirkettle (available online).

Heterogeneous Choice Sets and Preferences in Matlab, with Levon Barseghyan, Maura Coughlin, and Joshua C. Teitelbaum (available online).

Calibrated Projection in MATLAB, with Hiroaki Kaido, Joerg Stoye and Matt Thirkettle (available online).

Fortran code obtaining sharp identification regions in models with convex moment predictions, with Arie Beresteanu and Ilya Molchanov (available online).

Stata Software for Best Linear Prediction with Interval Outcome Data, with Arie Beresteanu and Darcy Steeg Morris (available online).

Current Editorial Activities:

Board of Editors Member: *Journal of Economic Literature,* December 2015 – Present.

Associate Editor, *Journal of Political Economy*, July 2023 – Present.

Past Editorial Activities and Professional Service:

Joint Managing Editor: *Review of Economic Studies*, July 2019 – July 2023.

Foreign Editor: *Review of Economic Studies*, November 2017 – June 2019.

Associate Editor for: *Quantitative Economics,* July 2013 – June 2019; *Econometrica*, July 2012 – June 2019; *Journal of Econometric Methods*, September 2010 – June 2019; *Journal of Business & Economics Statistics*, September 2009 – December 2018; *Journal of Econometrics*, May 2010 – December 2018.

Guest Editor (with Elie Tamer): *Annals of Econometrics* Issue on "Identification and Decisions."

Grants:

NSF SES-2149374: "Discrete and Rank Ordered Choice Models with Heterogeneous Preferences and Consideration" (with Levon Barseghyan), 04/15/2022-04/14/2025. Total amount awarded to Cornell: $473,500.

NSF SES-1824448: "An Empirical Model of Limited Consideration: Robust Inference for Risk Preferences" (with Levon Barseghyan), 09/01/2018-08/31/2021. Total amount awarded to Cornell: $395,982.

NSF SES-1824375: "Collaborative Research: Robust Inference and Computational Methods for Optimal Values of Nonlinear Programs" (in collaboration with Hiroaki Kaido and Joerg Stoye), 09/01/2018-08/31/2020. Total amount awarded to Cornell: $176,959.

ISS Small Grant: "Estimating Risk Preferences with Limited Consideration" (in collaboration with Levon Barseghyan), Spring 2018.

ISS Small Grant: "Partial Identification and Statistical Decisions: A Conference" (in collaboration with Joerg Stoye), Spring 2011.

NSF SES-1031136: "An Empirical Investigation into the Nature of Risk Preferences" (PI: Levon Barseghyan, co-PIs: Francesca Molinari, Ted O'Donoghue, Joshua Teitelbaum), 09/01/2010-08/31/2013. Total amount awarded to Cornell: $322,550.

NSF SES-0922330: "Collaborative Research: Identification in Incomplete Econometric Models Using Random Set Theory" (in collaboration with Arie Beresteanu), 07/15/2009-06/30/2012. Total amount awarded to Cornell: $229,081.

NSF SES-0617482: "Collaborative Research: Asymptotic Properties for Partially Identified Models" (in collaboration with Arie Beresteanu), 07/01/2006-06/30/2009. Total amount awarded to Cornell: $174,548.

NIA R21 AG028465-01: "Respondents Tendencies for Nonresponse and Response Error" (PI: Charles F. Manski, co-PI: Francesca Molinari), 07/01/2006-06/30/2008. Total amount awarded to Cornell: $198,266.

Fellowships and Awards:

Willard G. Manning Memorial Award for the Best Research in Health Econometrics. 2022

Fellow of the Econometric Society, elected in 2020.

Fellow of the International Association for Applied Econometrics, elected in 2019.

Center for Econometrics and Microdata Practice Fellow, 2019-present.

H.T. Warshow and Robert Irving Warshow Professor of Economics and Professor of Statistics, Cornell University, 2017-present.

Merrill Scholars Program Outstanding Educator Citation, 2005, 2006, 2023.

CeMMAP International Fellow, 2014-present.

2009 Robert and Helen Appel Fellowship for Humanists and Social Scientists.

2004 Zellner Thesis Award for Best Thesis in Business and Economic Statistics, American Statistical Association.

Northwestern University Graduate School Dissertation Year Fellowship, 2002-03.

Northwestern University Alumnae Foundation Dissertation Recognition Award, 2002.

Northwestern University Graduate Research Grant, 2002.

Graduate Fellow, Northwestern University, 1999-2002.

Graduate Fellow, Northwestern University Institute for Policy Research, 2000-2002.

The "Fondazione Luigi Einaudi" (Torino, Italy) Fellowship, 1999-2000.

Invited Lectures:

Invited session at the European Meetings of the Econometrics Society, Milan, August 2022, presenting "Discrete Choice Models with Heterogeneous Preferences and Consideration".

Keynote speaker at the 2022 Foundations of Utility and Risk Conference, presenting "Risk Preference Types, Limited Consideration, and Welfare".

Newcomb Lecture, Johns Hopkins University, presenting "Information Based Inference in Models with Set Valued Predictions".

Panelist at the Econometric Society Session: Methodology in Empirical Economics (North American Winter Meetings 2022).

Keynote Address at the Latin American Meetings of the Econometric Society, October 2021.

E. J. Hannan Lecture to the Econometric Society Australasian Meetings, July 2021.

Distinguished Visitor, Boston University, November 2019, presenting "Econometrics with Partial Identification".

Keynote speaker at the All-California Econometrics Conference, October 2019, presenting "Heterogeneous Choice Sets and Preferences".

Keynote speaker at the Armenian Economic Association Conference, June 2019, presenting "Heterogeneous Choice Sets and Preferences".

Penn Fund to Encourage Women (FEW) Undergraduate Lecture, November 2017, presenting "Identification in Econometrics".

Keynote speaker at the Annual Conferences of the International Association for Applied Econometrics, June 2016, presenting "Preference Types and Welfare in Insurance Markets" (current title: "Heterogeneous Choice Sets and Preferences").

"Computation and Inference in Partially Identified Models," European Meetings of the Econometrics Society, Toulouse, August 2014.

"Applications of random set methods in econometrics," CeMMAP Masterclass - London, with Ilya Molchanov, June 2014.

"Partial Identification Using Random Set Theory," Measurement Errors in Administrative Data Workshop at the Centre for European Economic Research (ZEW), Mannheim, 2010.

"Sharp Identification Regions in Games," Italian Congress of Econometrics and Applied Economics, Ancona, 2009.

Professional Service:

Chamberlain Seminar Organizing Committee, 2022-present.

Econometric Society North American Standing Committee elected voting member, 2021-2024.

Conference Organization:

>Program Committee Co-Chair, Econometric Society Economics and AI+ML Meeting, 2024.

>Virtual World Congress Committee Member, Econometric Society World Congress 2020.

>Scientific Committee Member, International Association for Applied Econometrics Annual Conference, 2020.

>Program Committee Member, Econometric Society Winter Meetings 2018.

>Program Committee Chair, International Association for Applied Econometrics Annual Conference, 2017.

>Program Committee Member, International Association for Applied Econometrics Annual Conference, 2016, 2015.

>Program Committee Member, Econometric Society World Congress 2015.

>Program Committee Member, Econometric Society Summer Meetings 2012.

>Program Committee Member, Econometric Society Winter Meetings 2012.

>"Identification and Decisions" in honor of Charles F. Manski's 60th birthday, 2009, with Elie Tamer, co-sponsored by the Econometrics Center at Northwestern University and CeMMAP (London, UK).

>"Partial Identification and Statistical Decisions: A Conference," 2012, with Joerg Stoye, co-sponsored by Cornell Institute for Social Sciences, Cornell Center for Analytic Economics, the Institute for Advancement of Economics at Cornell, and Cornell's Economics Department.

"Inference in Non-standard Problems," 2012, 2013, 2014, 2015, with Ulrich Mueller, co-sponsored by CEME/NSF and NBER.

Referee for:

American Economic Review, Annals of Applied Statistics, Econometrica, Econometric Reviews, Econometric Theory, Econometrics Journal, Economic Journal, Economics Bulletin, International Journal of Approximate Reasoning, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Econometric Methods, Journal of Human Resources, Journal of Labor Economics, Journal of Monetary Economics, Journal of Money, Credit and Banking, Journal of Political Economy, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Metron, Quantitative Economics, Review of Economics and Statistics, Review of Economic Studies, Statistical Methodology, National Science Foundation, Economic and Social Research Council.

Affiliations:

Econometric Society, International Association for Applied Econometrics.

Courses Taught:

Graduate:
Semi/Nonparametric Econometrics
Third Year Research Seminar

Undergraduate:
Statistics and Probability
Econometrics
Applied Econometrics
Cross Section and Panel Econometrics

University Service

University Committees:
Cornell's Center for Data Science for Enterprise and Society, Executive Committee member, 2019-present.
Financial Policies Committee, 2023-2026.
University Lectures Committee, 2022-2025.
University Hearing Board & University Review Board, 2021-2022.
Institute for the Social Sciences Advisory Committee member, 2015-18.
Co-Chair: Revenue Enhancement Task Force, 2013-2014.
Committee for Reorganization of Economics at Cornell, 2010-2011.
IAEC Ad Hoc Committee, 2010-2011

Departmental Committees at Cornell:
Recruiting Committee Member, Department of Economics, 2022-23.

Recruiting Committee Member, Department of Statistics, 2020-21.
Recruiting Committee External Member, PAM, 2019-20.
Recruiting Committee Chair (junior and senior), 2017-18.
Active Learning Initiative Committee Member, 2017.
Diversity Committee Member, 2017.
Associate Chair and Recruiting Committee Chair (junior and senior), 2012-13.
Recruiting Committee Member, 2008, 2010, 2016.
Placement Committee Chair, 2010-11.
Placement Committee Member, 2003-2006, 2009.

Dissertation committees (* denotes Committee (co-)Chair; first appointment in parentheses):
  In progress:
      Yiqi Liu*; Brenda Quesada Prallon*; Yiwei Sun*; Sen Zen*; Qiwei He.
  Completed:
      Hyuk-soo Kwon (Chicago Harris School); Kyle Kuang* (University of Manchester); Abhishek Ananth* (Emory QTM); Maura Coughlin* (Rice University); Matthew Thirkettle* (Rice University); Jeffrey Swigert (Southern Utah University); Miriam Larson-Koester* (Federal Trade Commission); Lin Xu (Joint Committee on Taxation); Sida Peng* (Microsoft Research); Debi Prasad Mohapatra (University of Massachusetts Amherst); Saisandeep Satyavolu; Shooshan Donogoulian (Wayne State University); Jun-Sung Kim* (Monash University); Alexander Rees-Jones (Wharton School University of Pennsylvania); Darcy Steeg Morris* (US Census Bureau); Brian Dillon (University of Washington Evans School of Public Policy and Governance); Joseph Price (Brigham Young University); Juan Carlos Chavez-Martin Del Campo (Universidad de Guanajuato); Chingmei Cheng (US Department of Defense); Shuaizhang Feng (Shanghai University of Finance and Economics).

Honor Theses: Nicholas Hansen, BA 2020; Aixin Allison Jiang, BA 2018; Tyna Florentine Eloundou Nekoul, BA 2014; Jade Mandel, BA 2013; Jared Palmer, BA 2013; David Waks, BA 2008; Crystal Cun, BA 2007; Wee Lee Loh, BA 2005.