# Angelo Mele

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## ACADEMIC APPOINTMENTS

**Associate Professor**
Johns Hopkins University, Carey Business School, Baltimore, MD
*August 2018 - present*

**Member**, Institute for Data-Intensive Engineering and Science (IDIES)
Johns Hopkins University, Baltimore, MD
*December 2017 - present*

**Member of Scientific Core**, Hopkins Population Center
Johns Hopkins University, Baltimore, MD
*May 2017 - present*

**Assistant Professor**
Johns Hopkins University, Carey Business School, Baltimore, MD
*August 2011 - July 2018*

## VISITING POSITIONS

**Visiting Scholar**
University of Pennsylvania, Department of Economics (Philadelphia, PA)
*August 2023 - December 2023*

**Visiting Scholar**
Universita' di Cagliari, Department of Economics (Cagliari, Italy)
*July 2017*

## EDUCATION

**University of Illinois at Urbana-Champaign**, Champaign, IL
Ph.D., Economics, December 2011

**New York University**, New York City, NY
M.A., Economics, May 2005

**Bocconi University**, Milan, Italy
B.A., Economics (Summa cum Laude), February 2002

## RESEARCH INTERESTS

*Fields*: Applied Econometrics, Labor Economics, Applied Microeconomics
*Topics*: Econometrics of network models, Economics of social interactions, Racial Segregation and Homophily, Computational Methods, Experiments on Networks

## PUBLICATIONS (Peer-reviewed)

*Authors are listed in alphabetical order, unless explicitly noted*

1. **Spectral Estimation for Large Stochastic Blockmodels with Nodal Covariates** (2023), with Lingxin Hao, Joshua Cape, Carey Priebe *(\*lead author)*
   ***Journal of Business and Economic Statistics*** 41(4), pp 1364-1376

2. **A Model of Inter-organizational Network Formation** (2023) with Shweta Gaonkar
   ***Journal of Economic Behavior and Organization***, 214, pp. 82-104

3. **Approximate Variational Estimation for a Model of Network Formation** (2023) with Lingjiong Zhu
   ***The Review of Economics and Statistics***, 105(1), pp. 113-124

4. **A Structural Model of Homophily and Clustering in Social Networks** (2022)
   ***Journal of Business and Economic Statistics***, 40(3), pp. 1377-1389

5. **On Spectral Algorithms for Community Detection in Stochastic Blockmodel Graphs with Vertex Covariates** (2022) with Cong Mu, Lingxin Hao, Joshua Cape, Avanti Athreya, Carey Priebe *(\*second author)*
   ***Transactions of Network Science and Engineering***, 9(5), pp. 3373-3384

6. **Does School Desegregation Promote Diverse Interactions? An Equilibrium Model of Segregation within Schools** (2020)
   ***American Economic Journal: Economic Policy***, 12(2), pp. 228-257

7. **A Structural Model of Dense Network Formation**, (2017)
   ***Econometrica***, 85(3), pp. 825-850

8. **Viral Altruism? Charitable Giving and Social Contagion in On-Line Networks** (2016) with Nicola Lacetera and Mario Macis
   ***Sociological Science***, 3(11), pp. 202-238

9. **Structural Models of Complementary Choices** (2014), with Steve Berry, Ahmed Khwaja, Vineet Kumar, Andres Musalem, Kenneth C. Wilbur, Greg Allenby, Bharat Anand, Pradeep Chintagunta, W. Michael Hanemann, Przemek Jeziorski
   ***Marketing Letters***, 25(3), pp. 245-256

10. **Poisson Indices of Segregation** (2013)
    ***Regional Science and Urban Economics***, 43(1), pp. 65-85
    *Young Spatial Econometrician Award 2008, Spatial Econometrics Association*

## OTHER PUBLICATIONS

1. **Homophily and Community Structure at Scale: An Application to a Large Professional Network** (2023) with Juan Nelson Martinez Dahbura, Shota Komatsu, and Takanori Nishida
   ***AEA Papers and Proceedings 2023***, 113, pp, 156-160
   available at: https://doi.org/10.1257/pandp.20231094

2. **A Structural Model of Firm Collaborations with Unobserved Heterogeneity**, (2019) with Shweta Gaonkar (abstract)
   ***Academy of Management Annual Meeting Proceedings 2019***
   available at: https://doi.org/10.5465/AMBPP.2019.13243abstract

3. **A Strategic Model of Inter-Organizational Network Formation**, (2019) with Shweta Gaonkar (abstract)
   ***Academy of Management Annual Meeting Proceedings 2019***
   available at: https://doi.org/10.5465/AMBPP.2019.10749abstract

4. **Novelty and Market Success: Evidence from the Movie Industry**, (2018) with Shweta Gaonkar and Sharon Kim (abstract)
   ***Academy of Management Annual Meeting Proceedings 2018***
   available at: https://doi.org/10.5465/AMBPP.2018.12567abstract

5. **Segregation in social networks: a structural approach**
   *Proceedings of the Behavioral and Quantitative Game Theory - Conference on Future Directions*, BQGT '10, Newport Beach, California, USA, May 14-16, 2010. ACM 2010, ISBN 978-1-60558-919-0
   Article No.: 86. pages 1 (abstract)
   available at: https://doi.org/10.1145/1807406.1807492

## WORKING PAPERS

1. **A Strategic Model of Software Dependency Networks** (February 2024), with Cornelius Fritz, Co-Pierre Georg and Michael Schweinberger
   https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4318082

2. **Latent Communities in Employment Relations and Wage Distributions: A Network Approach** (August 2022) with Lingxin Hao, Avanti Athreya, Joshua Cape, Cong Mu and Carey Priebe, *submitted*

3. **A Structural Model of Business Card Exchange Networks** (August 2021) with Juan Nelson Martinez Dahbura, Takanori Nishida and Shota Komatsu
   https://arxiv.org/abs/2105.12704

4. **A Structural Model of Firm Collaborations with Unobserved Heterogeneity** (2021) with Shweta Gaonkar
   https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3267047

5. **Creativity and Market Success: Evidence from the Movie Industry** (2020) (with Shweta Gaonkar), *Reject and Resubmit at Strategic Entrepreneurship Journal*

## SELECTED WORK IN PROGRESS

1. **Network (Video)games** (2023), with Micah Pollak and Phil Solimine

2. **Spectral Estimation of a Dynamic Network Formation Model** (2022) with Avanti Athreya, Joshua Cape, Cong Mu, Lingxing Hao and Carey Priebe (*\*Lead Author*)

3. **A Variational Exchange Algorithm for Bayesian Estimation of ERGM Models**

4. **Microeconomic Foundations of a Latent Position Network Model**

5. **Scalable Two-steps Algorithms for Estimation of Large Network Models**

## PERMANENT WORKING PAPERS

- Approximate Variational Inference for a Model of Social Interactions (December 2016)

- Racial Segregation and Public School Expenditure (with Eliana La Ferrara)

- Who's Afraid of the Big Bad Wolf? Do Pedophiles live close to schools? (September 2010)

## OPEN SOURCE SOFTWARE

1. **bigergm**: an R package to fit, simulate and diagnose Hierarchical Exponential-Family Models for big networks
   https://cran.r-project.org/web/packages/bigergm/index.html

2. **dinnet**: an R package for spectral estimation of dynamic networks models
   https://github.com/meleangelo/dinnet

3. **lighthergm**: an R package for scalable estimation of Hierarchical ERGMs (in collaboration with Sansan, Inc.)
   https://github.com/sansan-inc/lighthergm

4. **grdpg**: an R package for estimation of generalized random dot product graphs with discrete nodal covariates
   https://github.com/meleangelo/grdpg

5. **mfergm**: an R package for variational approximations of (some) ergms
   https://github.com/meleangelo/mfergm

6. **netnew**: R replication package for "A structural model of dense network formation"
   https://github.com/meleangelo/netnew

7. **segnet**: R replication package for "Does School Desegregation Promote Diverse Interactions? An Equilibrium Model of Segregation Within Schools"
   https://github.com/meleangelo/segnet

## GRANTS

1. **IDIES Seed Grant 2023**, *"Systemic risk and externalities in software dependency networks"*, (with Co-Pierre Georg)
   Principal Investigator
   Johns Hopkins Institute for Data-Intensive Engineering and Science (IDIES)
   April 2023 - April 2024
   Amount: $25,000

2. **National Science Foundation (NSF) Grant SES #1951005**, *"Methods and Applications for Massive One-mode and Bipartite Social Networks"*, with Lingxin Hao, Joshua Cape and Carey Priebe
   Principal Investigator
   National Science Foundation
   July 2020- June 2024
   Amount: $549,592

3. **Supplemental RA support 2020**, *Scalable estimation methods for structural network models*
   Johns Hopkins Carey Business School
   January 2020 - June 2021
   Amount: $3,000

4. **Teaching Innovation Award 2019**, *Codes for Non-linear econometrics for Finance*,
   Johns Hopkins Carey Business School
   August 2019 - January 2020
   Amount: $2,500

5. **NET Institute Summer Grant 2018**, *"A Structural Model of Firm Collaborations with Unobserved Heterogeneity"*, (with Shweta Gaonkar)
   Co-Principal Investigator
   Net Institute, New York University - Stern School of Business
   May 2018 - September 2018
   Amount: $3,000

6. **IDIES Seed Grant 2018**, *"Modeling Dynamics of Social Networks: Data-intensive Structural Modeling and Analysis of Simulated Network Structures"*, (with Lingxin Hao and Gerard Lemson)
   Principal Investigator
   Johns Hopkins Institute for Data-Intensive Engineering and Science (IDIES)
   April 2018 - April 2019
   Amount: $25,000

7. **Black and Decker Research Grant 2017**, *"Network Formation and Influence among Medical Device Firms"*, (with Shweta Gaonkar)
Johns Hopkins Carey Business School
April 2017-December 2017
Amount: $2,500

8. **Supplemental RA support 2016**, *"Network Formation and Influence among Medical Device Firms"*, (with Shweta Gaonkar)
Johns Hopkins Carey Business School
Fall 2016
$3,000

9. **NET Institute Summer Grant 2013**, *"Approximate Variational Inference for a Model of Social Interactions*
Principal Investigator
Net Institute, New York University - Stern School of Business
May 2013 - September 2013
Amount: $3,000

10. **NET Institute Summer Grant 2012**, "*"Viral Altruism? A Natural Field Experiment of Social Contagion on On-Line Networks,"* (with Nicola Lacetera and Mario Macis),
Co-Principal Investigator
Net Institute, New York University - Stern School of Business
May 2012 - September 2012
Amount: $7,500

11. **NIH Travel Grant**, to participate to the Add Health Users Conference 2010, NIH Main Campus, Bethesda (MD)
National Institute of Health

12. **NET Institute Summer Grant 2010**, *"A structural model of segregation in social networks"*,
Principal Investigator
Net Institute, New York University - Stern School of Business
May 2010 - September 2010
Amount: $3,000.

13. **R. W. Harbeson Dissertation Grant 2009-2011**, *"Essays on the economics of racial segregation"*
University of Illinois - Urbana-Champaign
August 2009 - May 2011
Amount: $2,000

14. **Robert Ferber Award 2008-2009**
University of Illinois - Urbana-Champaign,
August 2008 - August 2009
Amount: $3,000

## INVITED SEMINAR PRESENTATIONS (including scheduled)

- Virginia Tech (Blacksburg, VA), April 8, 2024

- Boise State University (Boise, ID), April 4, 2024

- University of Washington (Seattle, WA), March 11, 2024

- Georgetown University (Washington, DC), December 5, 2023
  "A strategic model of software dependency networks"

- University of Pennsylvania (Philadelphia, PA), October, 9 2023
  "A strategic model of software dependency networks"

- Bocconi University (Milan, Italy), April, 3 2023
  "A structural model of business card exchange networks"

- University of Pennsylvania (Philadelphia, PA), November 8, 2021
  "A structural model of business card exchange networks"

- University of Southern California (Los Angeles, CA), October 9, 2020
  "A structural model of firm collaborations with unobserved heterogeneity"

- West Virginia University (Morgantown, WV), September 4, 2020
  "A structural model of firm collaborations with unobserved heterogeneity"

- Insper, Sao Paulo (Brasil), November 28, 2019
  "A structural model of firm collaborations with unobserved

- Sao Paulo School Economics (Brasil), November 26, 2019
  "A structural model of firm collaborations with unobserved heterogeneity"

- University of Colorado Boulder (Boulder, CO), September 13, 2019
  "A Structural Model of Homophily and Clustering in Social Networks"

- Chinese University of Hong Kong (Hong Kong), May 5, 2019
  "A Structural Model of Homophily and Clustering in Social Networks"

- Singapore Management University (Singapore), May, 03, 2019
  "A Structural Model of Homophily and Clustering in Social Networks"

- Cornell University (Ithaca, NY), April 9, 2019
  "A Structural Model of Homophily and Clustering in Social Networks"

- Northwestern University (Evanston, IL), November 13, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Catholic University of America (Washington DC), September 28, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Johns Hopkins University - Social Network Analysis Coffee (Baltimore, MD), April 26, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Florida State University (Tallahassee, FL), April 15, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- London School of Economics (London, UK), February 19, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- University of Southern California (Los Angeles, CA), March 29, 2017
  "Approximate Variational Estimation for a Model of Network Formation"

- Boston University (Boston, MA), November 18, 2016
  "Variational Approximations for strategic Exponential Random Graph models"

- UC Berkeley (Berkeley, CA), October 15, 2015
  "Variational Approximations for strategic Exponential Random Graph models"

- University of Sassari (Sassari, Italy), December 20, 2014
  "Approximate methods for estimation of network models"

- University of Cagliari (Cagliari, Italy), December 18, 2014
  "Approximate methods for estimation of network models"

- University of Chicago (Chicago, IL), May 8, 2014
  "Approximate methods for estimation of network models"

- Universite' de Laval (Quebec City, Canada), February 26, 2014
  "Approximate methods for estimation of network models"

- University of Surrey (UK), June 5, 2013
  "A structural model of segregation in social networks"

- Indiana University (Bloomington, IN), September 21, 2012
  "A structural model of segregation in social networks"

- University of Maryland - Smith School of Business (College Park, MD), March 3. 2012
  "A structural model of segregation in social networks"

- Univ. du Quebec a Montreal (Montreal, Canada), February 7, 2011
  "A structural model of segregation in social networks"

- Federal Reserve Board (Washington, DC), February 2, 2011
  "A structural model of segregation in social networks"

- Southern Methodist University (Dallas, TX), January 31, 2011
  "A structural model of segregation in social networks"

- Johns Hopkins University - Carey Business School (Baltimore, MD), January 28, 2011
  "A structural model of segregation in social networks"

- University of Pennsylvania (Philadelphia, PA), January 22, 2011
  "A structural model of segregation in social networks"

- University of Notre Dame (South Bend, IN), January 18, 2011
  "A structural model of segregation in social networks"

- Labor Economics Seminar - University of Illinois at Urbana-Champaign (UIUC) (Urbana, IL), October 29, 2010
  "A structural model of segregation in social networks"

## INVITED CONFERENCE PRESENTATIONS (including scheduled)

- TCOB Conference in Econometrics, University of Iowa (Iowa City, IA), April 26, 2024 (invited)

- Southern Economics Association Annual Meeting 2023 (New Orleans, LA), November 18-20, 2023 (invited Presidential session)
  "A strategic model of software dependency networks"

- Conference on Labor Economics, Universite' de Laval (Quebec City, Canada) (invited), October 20-21, 2023
  "A structural model of business card exchange networks"

- 6th International Conference on Econometrics and Statistics - EcoSta 2023 (Tokyo, Japan) (invited), August 1-3, 2023
  "A strategic model of software dependency networks"

- American Economic Association Annual Meeting (New Orleans, LA) (invited), January 6, 2023
  "Homophily and Community Structure at Scale: An Application to a Large Professional Network"

- 125th Anniversary of the Department of Economics, University of Illinois at Urbana-Champaign (Champaign, IL) (invited alumni panel), April 23, 2022
  "Econometrics of Social Networks"

- Southern Economics Association Annual Meeting (Houston, TX) (virtual - invited Presidential session), November 21, 2022
  "A structural model of business card exchange networks"

- Network Econometrics Juniors' Conference 2019, Northwestern University (Evanston, IL, invited), October 5, 2019
  "Spectral inference for large stochastic blockmodels with nodal covariates"

- Choice Symposium 2013 (Noordwijk, The Netherlands), June 13, 2013
  "A structural model of segregation in social networks"

- NET Institute Conference (New York, NY), November 19, 2010
  "A Structural Model of Segregation in Social Networks"

## CONFERENCE PRESENTATIONS

- Network Science in Economics 2023, Virginia Tech (Blacksburg, VA), March 3, 2023
  "A strategic model of software dependency networks"

- Barcelona Summer Forum - Networks (Barcelona, Spain), June 21, 2022
  "A structural model of business card exchange networks"

- Network Economics: Applications and Challenges, May 21, 2022
  "A structural model of business card exchange networks"

- Network Science in Economics 2022, University of Chicago (Chicago, IL), March 19, 2022
  "A structural model of business card exchange networks"

- European Winter Meeting of the Econometrics Society (virtual), December 13, 2021
  "A structural model of business card exchange networks"

- Network Science in Economics 2021, University of Chicago (Chicago, IL - virtual), March 21, 2021
  "Spectral inference for large stochastic blockmodels with nodal covariates"

- Econometric Society World Congress (virtual), July 8, 2020
  "A structural model of firm collaborations with unobserved heterogeneity"

- CMStatistics 2019 (London UK), December 15, 2019
  "Spectral inference for large stochastic blockmodels with nodal covariates"

- Network Science in Economics 2019, Indiana University (Bloomington, IN), April 26, 2019
  "A structural model of firm collaborations with unobserved heterogeneity"

- Southern Economics Association Annual Meeting 2018 (Washington, DC), November 18, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- NBER Summer Institute 2018 - Labor Studies (Cambridge, MA), July 25, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- 2018 International Conference on Computational Social Science (Evanston, IL), July 13, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- International Association of Applied Econometics (IAAE) Annual Conference (Montreal, Canada), June 27, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- North American Summer Meeting of the Econometric Society 2018 (UC Davis, CA), June, 21 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Society of Labor Economists (SOLE) Annual meeting (Toronto, Canada), May, 04 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Network Science in Economics 2018 (Nashville, TN), April 15, 2018
  "A Structural Model of Homophily and Clustering in Social Networks"

- Econometric Society Winter Meeting (Philadelphia, PA), January 5, 2018
  "Approximate Variational Estimation for a Model of Network Formation"

- North American Regional Social Networks (NASN) Conference of the International Network for Social Network Analysis (INSNA) 2017 (Washington, DC), July 27, 2017
  "Approximate Variational Estimation for a Model of Network Formation"

- UIUC Econometrics Alumni Conference 2017 (Urbana, IL), April 15, 2017
  "Approximate Variational Estimation for a Model of Network Formation"

- Berkeley/Cemmap Conference on Econometrics and Statistics of Networks (Berkeley, CA), November 4, 2016
  "Variational Approximations for strategic Exponential Random Graph models"

- Association for Computing Machinery (ACM) Conference - Workshop on Social and Information networks (Portland, OR), June 15, 2015
  "Variational Approximations for the Exponential Random Graph Model"

- UIUC Econometrics Alumni Conference 2015 (Urbana, IL), April 17, 2015
  "Variational inference for network formation models"

- AEA Annual Meeting 2015 (Boston, MA), January 6, 2015
  "Approximate Variational Methods for Models of Social Interactions"

- AEA Annual Meeting 2014 (Philadelphia, PA), January 6, 2014
  "Viral Altruism? A Study of Charitable Giving in On-Line Networks"

- Southern Economic Association Annual Meeting 2013 (Tampa, FL), November 25, 2013
  "Approximate variational inference for a model of social interactions"

- Midwest Econometrics Group Annual Meeting (Indiana University, Bloomington IN), October 26, 2013
  "Variational Inference for a Strategic Model of Social Interactions"

- Conference on Bayesian Methods in Microeconometric Modeling (Caltech, CA), September 6, 2013
  "Variational Inference for a Strategic Model of Social Interactions"

- UECE 2012 (Lisbon, Portugal), October 17, 2012
  "A structural model of segregation in social networks"

- Info-Metrics Conference on Econometrics of Networks (Washington, DC), March 30, 2012
  "A structural model of segregation in social networks"

- North American Winter Meeting of the Econometric Society 2012 (Chicago, IL), January 7, 2012
  "A structural model of segregation in social networks"

- INFORMS Annual Meeting 2011 (Charlotte, NC), November 13, 2011
  "A structural model of segregation in social networks"

- Conference on Networks in Cambridge (Cambridge, UK), September 9,2011
  "A structural model of segregation in social networks"

- Public Economic Theory Meeting 2011 (Bloomington, IN), June 2, 2011
  "A structural model of segregation in social networks"

- NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics (SBIES) 2011 (St. Louis, MO), April 30, 2011
  "A structural model of segregation in social networks"

- Midwest Econometrics Group Meeting (St. Louis, MO), October 1, 2010
  "A structural model of segregation in social networks"

- Add Health Users Conference (Bethesda, MD), July 22, 2010
  "Segregation in Social Networks: Theory, Estimation and Policy"

- Society of Economic Dynamics (SED) Meeting (Montreal, Canada), July 8, 2010
  "Segregation in Social Networks: Theory, Estimation and Policy"

- Behavioral and Quantitative Game Theory: Conference on Future Directions (Newport Beach, CA), May 16, 2010
  "Segregation in social networks: a structural approach"

- Midwest Graduate Student Summit on Regional, Population and Health Economics (West-Lafayette, IN), April 9, 2010
  "Poisson indices of segregation"

- Washington University Graduate Students Conference (St. Louis, MO), October 24, 2009
  "Segregation in social networks: a structural approach"

- Econometric Society European Meeting (Barcelona, Spain), August 26, 2009
  "Segregation in social networks: a structuaral approach"

- Spatial Econometrics Association Conference (New York, NY), November 16, 2008
  "Poisson indices of segregation"

- Econometric Society Summer Meeting (Pittsburgh, PA), June 22, 2008
  "A structural model of social network formation"

- Society of Labor Economists (SOLE) Conference (New York, NY) (poster session), May 9-10, 2008
  "Poisson indices of segregation"

- Midwest Economic Association Conference (Chicago, IL), March 12, 2008
  "Poisson indices of segregation"

- European Economic Association Conference (Budapest, Hungary), December 3, 2007
  "How to measure segregation"

- La Pietra-Villa Mondragone Workshop 2007 (Florence, Italy), July 3, 2007
  "A unified stochastic framework for measures of racial and socioeconomic segregation"

- European Society of Population Economics Conference (Chicago, IL), June 15, 2007
  "A unified stochastic framework for measures of racial and socioeconomic segregation"

- Washington University Graduate Student Conference (St. Louis, MO), November 4, 2006
  "A unified stochastic framework for measures of racial and socioeconomic segregation"


## INVITED PAPER DISCUSSIONS

- "Social Interactions with Endogenous Group Formation", by Shuyang Sheng and Xiaoting Sun, Interactions: Bringing Together Econometrics and Applied Economics" 2023, Northwestern University, September 22-23, 2023

- "An estimable model of production interactions in endogenous networks", by Giacomo de Giorgi, Michele Pellizzari and Tomas Rodriguez-Barraquer, AEA Annual Meeting 2021 (virtual)

- "An Estimable General-Equilibrium Structural Model of Immigrants' Neighborhood Sorting and Social Integration", by Yujung Hwang, H2LED 2019, Johns Hopkins Carey Business School, May 9, 2019

- "Using aggregated relational data to feasibly identify network structure without network data", by Emily Breza, Arun G. Chandrasekhar, Tyler H. McCormick and Mengjie Pan, AEA Annual Meeting 2019 (Atlanta, GA)

- "Strategic Network Formation with Many Agents", by Konrad Menzel, INET Conference on networks, University of Southern California (Los Angeles, CA), November 20, 2015

- "Hey Look at Me: The Effect of Giving Circles on Giving", by Dean Karlan and Margaret A. McConnell, AEA Annual Meeting 2014

- "Two Sided Platforms and HIV Incidence among the Digitally Disadvantaged", by Brad Greenwood and Ritu Agarwal, Workshop on Health IT and Economics (WHITE) (Washington, DC), November 15-16, 2013

- "Vertical Integration, Exclusivity and Game Sales Performance in the US Video Game Industry", by Ricard Gil and Frederic Warzynski, NET Institute Conference (New York, NY), November 19, 2010.

# TEACHING

**Johns Hopkins University, Carey Business School**

*Master in Finance*: **Non-linear Econometrics for Finance**, 2020-2023

*Master in Finance*: **Statistical Analysis**, 2018

*Global MBA*: **Quantitative Methods**, 2012-2018

*Master in Finance*: **Economics for Decision Making**, 2014

*Global MBA*: **Networked Organizations**, 2012-2017

*Executive MBA*: **Networked Organizations**, 2012-2015

**University of Illinois at Urbana-Champaign**

*Graduate*: Teaching Assistant, **Microeconomic Theory**, 2009-2010

*Undergraduate*: Teaching Assistant for **Principles of Microeconomics, Business Statistics, Intermediate Microeconomic Theory, Labor Economics**

**New York University**

Teaching Assistant for **Principles of Microeconomics** 2004

**Bocconi University**

Teaching assistant for **Microeconomics** and **Development Economics**  2002-2003

# SHORT COURSES

**Johns Hopkins University, Department of Sociology**

Guest Lecture, **Computational Social Science**, March 11, 2019

**Universita di Cagliari, Department of Economics**

**Social and Economic Networks**, July 10-13, 2017

**University of Illinois - Urbana-Champaign, Department of Economics**

**A quick overview of Markov Chain Monte Carlo methods**, July 13, 2010

# PROFESSIONAL SERVICE

**Conference Organization**

***Network Economics: Applications and Challenges*** (sponsored by Sansan, Inc.), (virtual mini-conference), May 21st, 2022

***Boneyard Econometrics Conference***, with Carlos Lamarche, University of Illinois at Urbana-Champaign, Urbana (IL), April 17, 2015

**Scientific Committee Member**

Member of Scientific Committee for the Eighth Annual Conference of the International Association for Applied Econometrics, London June 2022

Member of Scientific Committee for the Eighth Annual Conference of the International Association for Applied Econometrics, (virtual) Rotterdam, Netherlands, June 2021

Member of Scientific Committee for the Sixth Annual Conference of the International Association for Applied Econometrics, London June 2020

Member of Scientific Committee for the Fifth Annual Conference of the International Association for Applied Econometrics, Cyprus June 2019

Member of Scientific Committee for the Fourth Annual Conference of the International Association for Applied Econometrics, Montreal Canada June 2018

Member of Scientific Committee for the Fourth Annual Conference of the International Association for Applied Econometrics, Sapporo Japan June 2017

Member of Scientific Committee for the Third Annual Conference of the International Association for Applied Econometrics, Milan June 2016

**Referee activity**

*Economics*:
Journal of Political Economy, Quarterly Journal of Economics, Econometrica, Review of Economic Studies, Theoretical Economics, Journal of Business and Economics Statistics, Journal of Econometrics, Econometric Theory, The Review of Economics and Statistics, Journal of Applied Econometrics, Journal of Human Capital, International Economic Review, Quantitative Economics, Journal of Economic Behavior and Organization, Economics Letters, Journal of Economic Theory, European Economic Review, Southern Economic Journal, Regional Science and Urban Economics, Economic Inquiry, Review of Income and Wealth, Games

*Statistics and other disciplines*:
Journal of the Royal Statistical Society: Series A, Economics of Governance, Journal of Statistical Software, American Journal of Preventive Medicine, Marketing Letters, Statistical Methods and Applications, Nature Human Behavior

*Other*:
Ad Hoc reviewer, Palgrave Macmillan, Elsevier
Ad Hoc reviewer, National Science Foundation (NSF), Social Sciences and Humanities Research Council of Canada (SSHRC), Research Grants Council (RGC) of Hong Kong, European Reseach Council (ERC, Europe)

**School Service**
Member of the hiring committee, Post-doc in Applied Microeconomics (2021-2022)
Member, Covid-19 Re-entry committe 2021
Admission committee GMBA program (member), 2019
Member, Honor Council, 2018
Coordinator of the Research Seminar Series, 2016-2019
Admission Committee Global MBA (member), 2018-2019
Hiring Committe, Real Estate 2015-2016
Hiring Committee, Economics 2015-2016
Coordinator for Economics/Network of Carey Research Seminars, 2013-2016
Coordinator for the Quantitative Econ Working Group, 2014- 2017
Admission Committee (member), 2012-2014
Hiring Committee (member), 2012-2014

Dean Research Scholars Fellowship committee
GMBA Admitted Students Mock class, 2012, 2013, 2014

**Student Mentoring and supervision**
**Phd Committees**
Aranyak Acharyya, JHU Applied Mathematics and Statistics, 2024 (expected)
Cong Mu, JHU Applied Mathematics and Statistics, 2023 (placement: Microsoft)
Tao Wang, JHU Economics, 2023 (external member)
Sung Ah Bahk, JHU Economics, 2020 (external member)
Ryutah Kato, JHU Economics, 2020 (external member)
Shaiza Qayyum, JHU Economics, 2018 (external member)
Mikhail Smirnov, JHU Economics, 2016 (external member)
Matthew White, JHU Economics, 2014 (external member)
Brian Phelan, JHU Economics, 2013 (external member)
James Lake, JHU Economics, 2012 (external member)

**Visiting Students**
Nikolas Kuschnig, Vienna University for Economics and Business, February-April 2023
Amit Dekel, Paris School of Economics, September-December 2019