Curriculum Vitae

Ralph B. Siebert

Professor of Economics and Director of MS Economics Purdue University Daniels School of Business Department of Economics West Lafayette, Indiana 47907-2056 403 West State Street tel.: ++1-765-494-3401 e-mail: <u>rsiebert@purdue.edu</u>

PROFESSIONAL EXPERIENCE

Main Positions

2018 - present	Full Professor (with tenure) at Purdue University, Krannert School of Management, Dept. of Economics, West Lafayette, Indiana, USA.
2017 - present	Director of MS Economics (online and residential) at Purdue University, USA (ranked #1 or #2 of all master's online programs).
2013 - 2018	Adjunct Professor at the University of Chicago, Booth School of Business, Chicago, Illinois, USA.
2011 - 2018	Associate Professor (with tenure) at Purdue University, Krannert School of Management, Dept. of Economics, West Lafayette, Indiana, USA.
2004 - 2011	Assistant Professor at Purdue University, Krannert School of Management, Dept. of Economics, West Lafayette, USA.

Further Positions

2022- present	Appointed University Faculty Scholar at Purdue University
2022- present	Affiliate Faculty Membership at the Krenicki Center for Business Analytics & Machine Learning
2022	Committee Member for Director Search of the Krenicki Center for Business Analytics & Machine Learning
2022- present	Affiliate Faculty Membership at the Regenstrief Center for Healthcare Engineering at Purdue University (RCHE).
2022	Chair of Committee for Krannert Research Data Initiative

2020 - present	Faculty Membership at the Regenstrief Center for Healthcare Engineering at Purdue University (RCHE).
2018 - present	Testifying Expert in Antitrust.
2018 - present	Associate Expert at ApplEcon Consulting.
2017-present	Chair of Advisory Committee for MS Econ Students
2017 – present	Associated Scholar at Purdue University Research Center in Economics (PURCE)
2013 - 2018	Adjunct Professor at the University of Chicago, Booth School of Business, Chicago, Illinois, USA.
2009 - present	Research Fellow at CESifo, Munich, Germany.
2002 –Jan 2004	Junior Research Fellow at Harvard University, Dept. of Economics, USA.

Editorial Positions

2024-present	Editorial Board Member at the Journal of Real Estate Research
2021-present	Co-Editor at the Journal of Economics and Management Strategy

Past Education and (Research) Affiliations

Faculty Affiliate at University of Chicago, Booth School of Mgmt., USA.

Junior Research Affiliate at Harvard University, Dept. of Economics, USA.

Junior Research Affiliate at Yale University, Dept. of Economics, USA.

Research Affiliate at Social Science Research Center (WZB) and Humboldt-University, Berlin, Germany.

Ph.D.-thesis on "Innovation, Research Joint Ventures, and Multiproduct Competition" (summa cum laude), Supervisor: Prof. Lars-Hendrik Röller, Humboldt-University Berlin, Germany.

Awards, Research Fellowships, Recognitions

2024	Purdue Employee Recognition Award
2024	Purdue News featured Personal Scholarly Research Excellence
2023	"University Faculty Scholar Award" at Purdue University
	PURCE Media Impact Award
	"Award for Excellence in Master's Teaching"
	Referenced as Exemplary Designs for Online Courses with Course Access
2022	Won the "Best Paper Award" issued by the American Real Estate Society
	"University Faculty Scholar Award" at Purdue University
	"Recognized Distinguished Teacher in Online Programs"

2020 and prior Purdue Faculty Service Award for online service contributions and Academic Director for MS Econ online program. John and Mary Willis "Young Faculty Scholar Award" "Best European Young Economist" Award (2 consecutive years) "VolkswagenStiftung Award" "BMW Award" "Social Science Research Center (WZB) Award"

Further Associate and Visiting Positions

2013 - 2018	Adjunct Professor at the University of Chicago, Summer Terms, Booth School of Business, Chicago, Illinois, USA
2018	Visiting Associate at CESifo, Munich, Germany.
Oct. 2018	Topics in Microeconomics/Micro Sessions at University of Chicago, Booth School of Business, Chicago, Illinois, USA.
Mar 2012	Research Fellow at University of Barcelona, Barcelona, Spain.
Jan-Jun 2010	Research Fellow at University of Toronto, Toronto, Canada.
Jul/Aug 2008	Research Fellow at Ludwig Maximilians University, Munich, Germany.
Oct-Dec 2007	Research Fellow at Center for Economic Studies, Munich, Germany.
Oct-Dec 2006	Research Fellow at European School of Management and Technology (ESMT), Berlin, Germany.
Jul-Aug 2006	Research Fellow at Social Science Research Center (WZB), Berlin, Germany.
Summers 2005-13	Visiting Professor at GISMA, Hannover, Germany.
2002 –Jan 2004	Junior Research Fellow at Harvard University, Dept. of Economics, USA.
1998–2002	Junior Research Fellow at Social Science Research Center (WZB) and Humboldt-University, Berlin, Germany
2000	Appointed as a Research Affiliate at the Center for Economic Policy Research, London (CEPR)

Other Professional Experience and Services

2024-present	Member of the American Real Estate Society (ARES)
2023-present	Member of the American Real Estate and Urban Economics Association (AREUEA)
2023-2024	Member of the Business School Area Committee for Promotions and Tenure
2023	Member of Search Committee for Junior Hire in Economics
2022	Interviewer for Director of Krenicki Center for Machine Learning and Data Analytics

2022	Chair of Committee for Krannert Research Data Initiative
2017-present	Chair of Advisory Committee for MS Econ Students
2021	Committee member of Junior Hire at Purdue University
2020	Session Chair at the Innovation Conference at Northwestern University
2019	Committee member of the Innovation Conference at Northwestern Univ.
	Committee member of Associate Dean hire at Purdue University
	Session Chair at the Innovation Conference at Northwestern University
2018	Committee member of online MBA program at Purdue University
2018	Committee member of online MS program in Business Analytics at Purdue University
2018	Advisory Committee Chair
2018	Committee member of the Innovation Conference at Northwestern University
	Committee member of senior hires at Purdue University
	Session Chair at the Innovation Conference at Northwestern University
2017	Committee member of PhD student recruiting at Purdue University
2015	Committee member of the MBA review at Purdue University
2015	Committee member of the senior hires at Purdue University
Prior to 2015	Advisor and Evaluator for EARIE conference in Porto, Portugal
	Advisor and Evaluator for EARIE conference in Berlin, Germany
	Local Organizer of annual WZB Conference (joint with CEPR)
	Representative in the Research Council of WZB
	Former Editorial Member at the WZB Publication Series
	Representative in the Research Council of WZB
	Siemens-Workshop "Berlin 2020 - Creating the Future of Berlin"

RESEARCH AREAS AND INTERESTS

Industrial Organization (theoretical and empirical)
Urban and Real Estate Economics
Health Economics
Business and Managerial Economics
Innovation
Law and Economics
Applied Microeconometrics, Applied Econometrics

Microeconomics

Experimental Economics

Research Topics (in alphabetical order)

- Antirust and Competition Policy: Licensing, Market Power, Mergers, Pricing, Research Joint Ventures
- Auctions: Experiments and Structural Estimation
- Dynamic Oligopoly Models: Evolution of Market Structure, Firms' and Market Dynamics
- Health and Pharmaceutical Markets: Biotech, Drug Pricing, Licensing and Mergers, R&D in Pharmaceuticals
- Innovation: Product- and Process Innovation, Patenting, New Product Introduction, Adoption of New Technologies
- **Optimal Pricing Strategies:** Health and Pharmaceutical Markets, Real Estate Market, Semiconductor Industry
- **Product Market Competition:** Multiproduct Competition, Network Effects, Optimal Pricing, Product Differentiation, Price Discrimination

Real Estate/Housing Market: Foreclosure, Imperfect Information on Price and Quality

Markets of Expertise (in alphabetical order)

Health and Pharmaceutical Markets Real Estate Market Semiconductor Industry

JOURNAL PUBLICATIONS

"The Impact of Private Label Introduction on Assortment, Prices, and Profits of Retailers", with Meilin Ma, 2024, **forthcoming in Journal of Industrial Economics.**

"Airbnb or Not Airbnb? That is the Question: How Airbnb Bans Disrupt Rental Markets", with Michael J. Seiler and Liuming Yang, 2023, Real Estate Economics, https://doi.org/10.1111/1540-6229.12440

Appeared in the news of Purdue University Research Center of Economics Appeared in the news of Purdue University Interviewed by Fortune Magazine Cited by Multiple City Councils

"Exploring the Incremental Merger Value from Multimarket Channels", with Sebastian Linde, 2023, International Journal of Industrial Organization, Vol. 87.

"The Competitive Effects of Declining Entry Costs over Time: Evidence from the Static Random Access Memory Market", with An-Hsiang Liu, International Journal of Industrial Organization, 2022, Vol. 80.

"What Determines Heterogeneous Merger Effects on Competitive Outcomes?", Journal of Industrial Economics, 2022, Vol.70 (1), pp. 217-256.

"Heterogeneous Foreclosure Discounts of Homes", Journal of Real Estate Research, 2022, Vol.44, p.1-28.

"Spatial Differentiation and Market Power in Input Procurement: Evidence from a Structural Model of the Corn Market" with Jinho Jung and Juan Sesmero, American Journal of Agricultural Economics, 2022, Vol.104, pp. 613-644.

"Why Do Buyers Pay Different Prices for Comparable Products? A Structural Approach on the Housing Market", with Michael J. Seiler, **Journal of Real Estate Finance and Economics**, 2021, Vol. 65, pp. 261-292.

"Estimating Differential Dynamic Merger Effects on Market Structure and Entry in Related Markets: Evidence from the Semiconductor Industry", **Review of Industrial Organization**, 2019, Vol. 55, pp. 431-458.

"The Differential Impact of Subsidies on Product Improvements", **The Journal of Institutional and Theoretical Economics,** 2019, Vol. 175, pp. 583-616.

"A Structural Model on the Impact of Prediscovery Licensing and Research Joint Ventures on Innovation and Product Market Efficiency", International Journal of Industrial Organization, 2017, Vol. 54, pp. 89-124.

"Dynamic Impact of Uncertainty on R&D Cooperation Formation and Research Performance: Evidence from the Bio-Pharmaceutical Industry" (with Tannista Banerjee), Research Policy, 2017, Vol. 46, pp. 1255-1271.

"Firm-Specific Time Preferences and Postmerger Firm Performance" (with Jeremiah Harris), **International Journal of Industrial Organization**, 2017, Vol. 53, pp. 32-62.

"The Impact of R&D Cooperations and Mergers in Pharmaceuticals on Research Activities and Drugs Offered on the Market" (with Tannista Banerjee), **Southern Economic Journal**, 2017, Vol. 84, pp. 202-228.

"What Determines Firms' Choices Between Ex Ante and Ex Post Licensing Agreements?", Journal of Competition Law & Economics, 2015, Vol. 11, pp. 165–199.

"Entering New Markets in the Presence of Competition: Price Discrimination versus Cannibalization", Journal of Economics and Management Strategy, 2015, Vol. 24, pp. 369-389.

"An Experimental Analysis of the Impact of Information Revelation Policies in Sequential Auctions" with Timothy N. Cason (Purdue University) and Karthik Kannan (Purdue University), Management Science, 2011, Vol. 57, pp. 667-688.

"Learning-by-Doing and Cannibalization Effects at Multi-Vintage Firms: Evidence from the Semiconductor Industry", **The B.E. Journal of Economic Analysis & Policy, Advances Tier, Lead Article**, 2010, Vol. 10, Lead Article, pp. 1-32.

"Jostling for Advantage or Not: Choosing between Patent Portfolio Races and Ex Ante Licensing", with Georg von Graevenitz, Journal of Economic Behavior and Organization, Feb. 2010, Vol. 73, pp. 225–245.

"Why Firms form (or do not form) RJVs" with L.-H. Röller and M. Tombak, Economic Journal, July 2007, Vol. 117, pp. 1122-1144.

"Market Power versus Efficiency Effects of Mergers and Research Joint Ventures: Evidence from the Semiconductor Industry" with Klaus Gugler, **Review of Economics and Statistics**, 2007, Vol. 89, pp. 645-659.

Revise and Resubmits/Under Review/Under Revision

"The Effect of Bargaining Determinants on Pharmaceutical Prices" with Sebastian Linde and Brandon Norton, **revise and resubmit.**

"Do Real Estate Contingency Clauses Affect Selling Price and Time-on-the-Market?" with Bruce L. Gordon, Michael J. Seiler, and Daniel T. Winkler, **under review at top field journal, won the "Best Paper Award" issued by the American Real Estate Society.**

"Do as Essay, not as I do? How Inflated List Prices of Unsold Essayer Homes Affect the Price Discovery Process" with Sumit Agarwal, and Michael J. Seiler, **under review**.

"Spatial Competition: Evidence from the Real Estate Market" with Xiaoyan Zhou, **under review.**

"The Spillover Effect of Short-Term Rentals on Local Retail Property Prices: Evidence from Airbnb", with Michael J. Seiler and Liuming Yang, **under review.**

"Switching Beers? A Structural Model on Differential Effects of Switching Costs on Prices and Profits in Competitive Markets", with Xiaoyang He, **under review.**

"Prospect Theory and a Two-Way Disposition Effect: Theory and Evidence from the Housing Market", with Zhaohui Li, Michael J. Seiler, and Hua Sun, **about to submit.**

"Does the 'Going Solo' Relationship Trend have an Effect on the Real Estate Market?" with Sung Joo Kim and Zaiyan Wei, **about to submit.**

"Using Pre- and Post-Entry Data to Identify the Effect of Ethanol Expansion on the Spatial Pattern of Corn Prices, A study in Indiana", with Juan Sesmero and Jinho Jung, about to submit.

"Exploring the Heterogeneous Effects of State Price Transparency Laws on Charge Prices, Negotiated Prices, and Operating Costs", under revision.

"Merger Effects on Financial and Drug Development Capabilities across Research Phases in the Pharmaceutical Industry" with Zhili Tian, under revision.

"Dynamic Effects of Licensing and Knowledge Transfer across Research Stages: Evidence from the Pharmaceutical Industry" with Zhili Tian, under revision.

Other Publications

"Do as Essay, not as I do? How Inflated List Prices of Unsold Essayer Homes Affect the Price Discovery Process", with Sumit Agarwal, and Michael J. Seiler, 2022, CESifo Working Paper No. 10069.

"Do Real Estate Contingency Clauses Affect Selling Price and Time-on-the-Market?" with Bruce L. Gordon, Michael J. Seiler, Ralph Siebert, Daniel T. Winkler, 2022, CESifo Working Paper No. 9947. Won the "Best Paper Award" issued by the American Real Estate Society.

"The Impact of Private Label Introduction on Assortment, Prices, and Profits of Retailers", with Meilin Ma, 2021, CESifo Working Paper No. 9380.

"Exploring the Heterogeneous Effects of State Price Transparency Laws on Charge Prices, Negotiated Prices, and Operating Costs", with Sebastian Linde, 2021, CESifo Working Paper No. 9348.

"Switching Beers? The Effects of Switching Costs on Prices and Profits in Competitive Markets", with Xiaoyang He, 2021, CESifo Working Paper, No. 9065.

"The Competitive Effects of Declining Entry Costs over Time: Evidence from the Static Random Access Memory Market" with An-Hsiang Liu, 2020, CESifo Working Paper No.8552.

"Why Do Buyers Pay Different Prices for Comparable Products? Evidence from the Housing Market" with Michael J. Seiler, 2020, CESifo Working Paper No. 8337.

"Dynamic Effects of Licensing and Knowledge Transfer across Research Stages: Evidence from the Pharmaceutical Industry" with Zhili Tian, 2020, CESifo Working Paper No.8311.

"Spatial Differentiation and Market Power in Input Procurement: Evidence from a Structural Model of the Corn Market" with Jinho Jung and Juan Sesmero, 2020, CESifo Working Paper No.8088.

"Dynamic Mergers Effects on R&D Investments and Drug Development across Research Phases in the Pharmaceutical Industry" with Zhili Tian, 2020, CESifo Working Paper No.8303.

"The Effect of Bargaining Power Determinants on Pharmaceutical Prices", with Sebastian Linde and Brandon Norton, 2019, CESifo Working Paper No. 7988.

"Heterogeneous Merger Impacts on Competitive Outcomes", 2017, CESifo Working Paper No. 6607.

"Do Mergers Among Multimarket Firms Create Value?", with Sebastian Linde, 2016, CESifo Working Paper No. 6139.

"The Impact of Horizontal Mergers on Market Structure: Evidence from the Semiconductor Industry", 2016, CESifo Working Paper No. 5911.

"Driven by the Discount Factor: Impact of Mergers on Market Performance in the Semiconductor Industry", with Jeremiah Harris, 2015, CESifo Working Paper No. 5199.

"The Impact of Foreclosure on Housing Prices", 2015, CESifo Working Paper No. 5196.

"The Impact of R&D Cooperations on Drug Variety Offered on the Market. Evidence from the Pharmaceutical Industry", with Tannista Banerjee, 2014, CESifo Working Paper No. 4567.

"The Impact of R&D Cooperation on Drug Variety Offered on the Market: Evidence from the Pharmaceutical Industry", with Tannista Banerjee, 2013, Auburn Economics Working Paper Series auwp2013-20, Department of Economics, Auburn University.

"Are Ex Ante and Ex Post Licensing Agreements Useful Instruments to Lessen Uncertainty in R&D?", with Tannista Banerjee, 2013, CESifo Working Paper No. 4535.

"The Impact of Entry Regulation on Total Welfare: A Policy Experiment", with An-Hsiang Liu and Christine Zulehner, 2013, CESifo Working Paper No. 4291.

"An Experimental Study of Information Revelation Policies in Sequential Auctions", with Timothy N. Cason and Karthik N. Kannan, 2010, Purdue University Economics Working Papers 1235, Purdue University, Department of Economics.

"Licensing in the Patent Thicket - Timing and Benefits", with Georg von Graevenitz, 2010, MPRA Paper 24007, University Library of Munich, Germany.

"Learning-by-Doing and Cannibalization Effects at Multi-Vintage Firms: Evidence from the Semiconductor Industry", 2010, MPRA Paper 24008, University Library of Munich, Germany.

"Does Licensing Resolve Hold Up in the Patent Thicket?", with Georg von Graevenitz, 2008, Discussion Papers in Business Administration 2104, University of Munich, Munich School of Management.

"How Licensing Resolves Hold-Up: Evidence from a Dynamic Panel Data Model with Unobserved Heterogeneity", with Georg von Graevenitz, 2006, Discussion Paper Series of SFB/TR 15 Governance and the Efficiency of Economic Systems 105, Free University of

Berlin, Humboldt University of Berlin, University of Bonn, University of Mannheim, University of Munich.

"Jostling for Advantage: Licensing and Entry into Patent Portfolio Races", with Georg von Graevenitz, 2006, CEPR Discussion Papers 5753, C.E.P.R. Discussion Papers.

"Market Power versus Efficiency Effects of Mergers and Research Joint Ventures: Evidence from the Semiconductor Industry", with Klaus Gugler, 2004, NBER Working Papers 10323, National Bureau of Economic Research, Inc.

"The Impact of R&D Subsidies on the Introduction of New Products by Incumbent Firms", 2003, CEPR Discussion Papers 4090, C.E.P.R. Discussion Papers.

"The Introduction of New Product Qualities by Incumbent Firms: Market Proliferation versus Cannibalization", 2003, CIG Working Papers SP II 2003-11, Wissenschaftszentrum Berlin (WZB), Research Unit: Competition and Innovation (CIG).

"Learning by Doing and Multiproduction Effects over the Life Cycle: Evidence from the Semiconductor Industry", CIG Working Papers FS IV, Wissenschaftszentrum Berlin (WZB), Research Unit: Competition and Innovation (CIG).

"Testing for Asymmetric Dynamic Oligopoly Models", with Christine Zulehner, Computing in Economics and Finance, 182, Society for Computational Economics.

"Strategic Choice of Partners: Research Joint Ventures and Market Power", with Lars-Hendrik Röller, and Mihkel Tombak, CEPR Discussion Papers 2617, C.E.P.R. Discussion Papers.

"Multiproduct Firms, Learning by Doing and Price-Cost Margins over the Product Life Cycle: Evidence from the DRAM Industry", Econometric Society World Congress Contributed Papers 1535, Econometric Society.

"Why Firms Form Research Joint Ventures: Theory and Evidence", with Lars-Hendrik Röller, and Mihkel Tombak, CEPR Discussion Papers 1654, C.E.P.R. Discussion Papers.

"The Impact of Research Joint Ventures on Firm Performance: An Empirical Assessment", CIG Working Papers FS IV, Wissenschaftszentrum Berlin (WZB), Research Unit: Competition and Innovation (CIG).

"International Research Joint Ventures", WZB Bulletin, Vol. 47, pp. 34-36.

WORK IN PROGRESS

"On the Relation between Hotels and Airbnb", with Sumit Agarwal and Michael J. Seiler.

"Spatial Competition among Hotels", with David Genesove and Michael J. Seiler.

"Are Pain Killers Killing Competition?", with Gordon Klein.

"The Dynamic Effects of Entry in the Ethanol Market", with Juan Sesmero and Jinho Jung.

"The Impact of Natural Disasters on Real Estate Markets", with Michael J. Seiler and Liuming Yang.

"Spatial Success Determinants of Real Estate Agents", with Michael J. Seiler, Daniel Winkler, and Bruce L. Gordon.

"The Diffusion of Electric Vehicles under Tax Credit and CAFE Standard", Jixuan Yao and Michael Delgado.

"The Adoption of New Technologies: Evidence from the Semiconductor Market"

GRANTS/PROPOSALS

- NH Grant on Data Access
- Research grant, project "Product Markets, Financial Markets and the Pace of Innovation
- Application for the Funding of a Centre of Health Economics Research Munich Centre for Health Economics
- Biofuels and Biobased Products Development
- Fit Now Grant on Data Access
- Nielsen Grant on Data Access
- PURCE Grant
- Research grant: SSHRC
- Research grant: Austrian Federal Reserve Bank
- CESifo Research Grant
- Medicare Grant
- German Economic Association
- CEPR
- Bayerische Motorenwerke AG, Munich
- Grants submitted to European Commission on behalf of WZB

COURSES TAUGHT

PhD, Econ-Master's, MBA-level

Empirical Industrial Organization, PhD

Industrial Organization, PhD Econometrics, PhD Applied Game Theory, MS Microeconomic Theory (Purdue University, GISMA and University of Chicago), MBA Topics/Sessions in Microeconomic Theory (University of Chicago), MBA Managerial Economics and Business Strategy, MBA Managerial Decision Making, MS

Executive MBA level

Microeconomic Theory

Managerial Economics

Managerial Economics and Business Strategy

Managerial Decision Making

Economic and Social Policy

International/Global Business Management

Online

Applied Game Theory, MS Econ

Microeconomic Theory, MBA

Managerial Economics and Business Strategy, MBA

Undergraduate level

Honor's Thesis Course

Microeconomic Theory

PH.D. STUDENTS: CHAIR, CO-CHAIR, COMMITTEE MEMBER

Zhou, Xiaoyan (exp. 2024)
Jin, Jieqiong (exp. 2022)
Yao, Jixuan (2021, Amazon)
Jung, Jinho (2020, Co-Chair, Purdue University)
He, Xiaoyang (2020, Co-Chair, Insurance Company)
Norton, Brandon (2020, Chair, Cornerstone Research)
Das, Somnath (2019)
Jung, Jinho (exp. 2019, external, Purdue University, Agricultural Economics)
Shimao, Hajime (2018, Chair, Santa Fe Institute)
Linde, Sabastian (2017, Chair, Texas A&M University)
Konsor, Kellie (2017, Saginaw Valley State University)

Meisner, Andrew (2017, Amazon) Rov, Moumita (MA: 2017, Bloomsburg University) Cook, Amanda (2016, Bowling Green State University) Austin, Joshua (2014, Ohio University) Harris, Jeremiah (2014, Chair, Kent State University) Eminli, Vusal (2013, University of the Pacific) Nedelscu, Daniel (2013, University of Oklahoma) Yang, Lihong (2013, Renmin University) Yang, Nathan (2013, external, University of Toronto, McGill University) Liu, An-Hsiang (2012, Chair, Wuhan University) Winegar, Ross (2012, Co-Chair, Ball State University) Banerjee, Tannista (2011, Auburn University) Nayak, Arnab (2011, Mercer University) Klose, Bettina (2010, University of Zurich) Park, Do-Yeun (2009, Korean Institute for Industrial Economics and Trade) Gupte, Manish (2009, Grand Valley State University)

MENTOR, ADVISORY COMMITTEE MEMBER

2017-present For more than 250 students in the MS econ graduate progam

REFEREE REPORTS

In Alphabetical Order

Applied Economics, Bulletin of Economic Research, Economic Inquiry, E-Journal, Economic Journal, Economic Theory, Economics of Innovation and New Technology, European Economic Review, German Economic Review, International Economic Review, International Journal of Industrial Organization, International Review of Economics and Finance, Japanese Economic Review, Journal of Economic Research, Journal of Economics and Management Strategy, Journal of European Economic Association. Journal of Industrial Economics, Journal of International Economics, Journal of Institutional and Theoretical Economics, Journal of Regional Science, Journal of Political Economy, Management Science, Managerial and Decision Economics, Production and Operations Management Journal, Quarterly Journal of Economics, Rand Journal of Economics, Research Policy, Review of Industrial Organization, Review of Network Economics, Small Business Economics, Southern Economic Journal.

HONORS/AWARDS/TEACHING

Distinguished/Outstanding teacher for the following courses Online Micro, MBA Online Managerial Econ and Business Strategies, MBA 2022 Distinguished teacher for the following courses Online Micro, MBA (3 times) Online Managerial Econ and Business Strategies, MBA Distinguished teacher for the following courses Empirical Industrial Organization, PhD Managerial Econ and Business Strategies, Executive weekend MBA Game Theory, Online Master's Econ Online Micro (3 times), MBA Online Managerial Econ and Business Strategies, MBA Distinguished teacher for the following courses Online Micro (3 times), MBA Online Managerial Econ and Business Strategies, MBA Empirical Industrial Organization, PhD Managerial Econ and Business Strategies, Executive weekend MBA Game Theory, Online Master's Econ 2019 Distinguished teacher for the following courses Empirical Industrial Organization, PhD Honor's Thesis Course, Undergraduate Game Theory, MBA Game Theory, Online Master's Econ Distinguished teacher for the following courses Microeconomics, MBA, University of Chicago, Booth School

Microeconomics, MBA, University of Chicago, Booth School

Game Theory, MBA

Managerial Econ and Business Strategies, MBA, Fall

Managerial Econ and Business Strategies, MBA, Spring

2021

2020

2018

2023

Game Theory, Online Master's Econ

<u>2017</u>

Distinguished teacher for the following courses Empirical Industrial Organization, PhD Microeconomics, MBA, University of Chicago, Booth School Microeconomics, MBA, University of Chicago, Booth School Honor's Thesis Course, Undergraduate Game Theory, MBA Managerial ECON and Business Strategies, MBA Outstanding teacher for the following courses Game Theory, Online Master's Econ 2016 Distinguished teacher for the following courses Microeconomics, MBA, University of Chicago, Booth School Microeconomics, MBA, University of Chicago, Booth School Empirical Industrial Organization, PhD Honor's Thesis Course, Undergraduate Game Theory, MBA Online Game Theory, Master's International/Global Business Management, MBA Empirical Industrial Organization, PhD Outstanding teacher for the following courses Empirical Industrial Organization, PhD Economic and Social Policy, MBA 2015 Distinguished teacher for the following courses Game Theory, MBA Outstanding teacher for the following courses Microeconomics, MBA, University of Chicago, Booth School Microeconomics, MBA, University of Chicago, Booth School Online Game Theory, Master's 2014

Distinguished teacher for the following courses Economic and Social Policy, MBA Game Theory, MBA

Empirical Industrial Organization, PhD

Outstanding teacher for the following courses

Microeconomics, MBA, University of Chicago, Booth School Microeconomics, MBA, University of Chicago, Booth School

<u>2013</u>

Distinguished teacher for the following courses

Game Theory, MBA

Outstanding teacher for the following courses

Microeconomics, MBA, University of Chicago, Booth School

Microeconomics, MBA, University of Chicago, Booth School

Economic and Social Policy, MBA

Empirical Industrial Organization, PhD

<u>2012</u>

Distinguished teacher for the following courses

Empirical Industrial Organization, PhD

Outstanding teacher for the following courses

Microeconomics, MBA

Microeconomics, MBA

Microeconomics, MBA

2011

John and Mary Willis Young Faculty Scholar Award

Distinguished teacher for the following courses

Game Theory, MBA

Empirical Industrial Organization, PhD

Outstanding teacher for the following courses

Microeconomics, MBA

Microeconomics, MBA

<u>2010</u>

Distinguished teacher for the following courses Game Theory, MBA

2009

Distinguished teacher for the following courses Empirical Industrial Organization, PhD Empirical Industrial Organization, PhD Outstanding teacher for the following courses Game Theory, MBA

<u>2008</u>

Distinguished teacher for the following courses Empirical Industrial Organization, PhD Game Theory, MBA

<u>2007</u>

Distinguished teacher for the following courses Empirical Industrial Organization, PhD Outstanding teacher for the following courses Microeconomics, MBA Microeconomics, MBA

<u>2006</u>

Outstanding teacher for the following courses Empirical Industrial Organization, PhD Microeconomics, MBA

<u>2005</u>

Outstanding teacher for the following courses Microeconomics, MBA

2004

Distinguished teacher for the following courses Empirical Industrial Organization, PhD

MEMBERSHIP

Member of the American Real Estate Society (ARES)

Member of the American Real Estate and Urban Economics Association (AREUEA)

Affiliate Faculty Membership at the Krenicki Center for Business Analytics & Machine Learning

Committee Member for Director Search of the Krenicki Center for Business Analytics & Machine Learning

Affiliate Faculty Membership at the Regenstrief Center for Healthcare Engineering at Purdue University (RCHE).

Member of the IO hiring committee at Purdue University

Member of the senior hiring committee at Purdue University

Member of the MBA review committee at Purdue University

Member of the PhD student hiring committee at Purdue University Member of the hiring committee at Purdue University Member of CESifo Member of the American Economic Association Member of the Econometric Society Member of the Royal Economic Society Member of the German Economic Society

RECENT PAPER PRESENTATIONS

<u>In 2023:</u>

MIT Symposium of Real Estate Markets, 2023.

"Using Pre- and Post-Entry Data to identify the effect of Ethanol Expansion on the Spatial Pattern of Corn Prices: A Study in Indiana" with J. Jung and J. Sesmero, presented at the AAEA conference, 2023.

"The Geographic Clustering of Listing Agents' Properties" with B.L. Gordon, M.J. Seiler, and D.T. Winkler, presented at ARES, 2023.

In 2022:

"Do Real Estate Contingency Clauses Affect Selling Price and Time-on-the-Market?" with B.L. Gordon, M.J. Seiler, and D.T. Winkler, presented at ARES, 2022.

"Relationship Effects on Home Purchases" with Sung Joo Kim, presented at 32nd annual POMS conference, April 2022.

<u>In 2021:</u>

"Dynamic Mergers Effects on R&D Investments and Drug Development across Research Phases in the Pharmaceutical Industry" with Zhili Tian, presented on August 20, 2021, at the Fourteenth Innovation Economics Conference, Northwestern University and Searle Center.

"The Impact of Private Label Introduction on Assortment, Prices, and Profits of Retailers", presented at the AAEA annual conference 2021. Date: Aug 2, 2021. Location: Austin, TX

"Spatial Differentiation and Market Power in Input Procurement: Evidence from a Structural Model of the Corn Market" with Jinho Jung and Juan Sesmero, Apr 21st, 2021, Universidad de Antioquia, Colombia

Further Recent In Alphabetical Order

Antitrust Conference Bates White, AAEA, Amsterdam, Berkeley, Boston, Bozano, CESIfo Conference (Munich), Copenhagen, Dublin, EARIE, ESEM, ESMT, Free University Berlin, Graz, Hannover, Harvard, Humboldt, Hydra, IIOC, IUPUI, Innovation Conference at Northwestern University, Law and Economics Antitrust Conference (Northwestern University), Lisbon, Mainz, Mannheim, Marseille, Munich, NBER, New Orleans, Northeastern, Northwestern, Oxford, Patents Roundtable at Northwestern University, Paris, Queen's, Roundtable on Technology Standards (Northwestern University), Santiago de Compostela, Toronto, Toulouse, Turin, Vienna, Washington, Yale, Conference on Innovation Economics, Conference on Software and Business Method Patents

SUMMER SCHOOLS

Summer School in Toulouse on Regulation of European Markets (instructors: Profs. Mark Armstrong, Helmuth Cremer, Claude Crampes, Marc Ivaldi, Paul Klemperer, Jean-Jacques Laffont, Patrick Legros, Jean-Charles Rochet, Jean Tirole).

Summer School in Copenhagen on Empirical Research in Industrial Economics (instructors: Profs. Paul Geroski, Charles Holt, and Stephen Martin).

Summer School in Lisbon on Empirical structural models of Industrial Organization (instructors: Profs. Ariel Pakes and Frank Wolak).

WORK EXPERIENCE, COMPANIES

- Co-founder and President of "Presence Known Safety, LLC."
- Mercedes Benz (Manufacturer, Automobiles)
- Volkswagen (Manufacturer, Automobiles)
- Obi (Retailer)
- Alfred Teves (Manufacturer, Auto Parts Supplier)

LANGUAGES

- German (native),
- English (fluent),
- French (intermediate),
- Spanish (intermediate)
- Latin (intermediate).

REFERENCES

Below please find the contact details for further references, alphabetical order (all granted permission to be contacted):

Professor Dirk Czarnitzki Professor of Industrial Organization and Strategy Chairman and Head of Innovation Survey Group, Department of Management, Strategy and Innovation, University of Leuven, Belgium Email: dirk.czarnitzki@kuleuven.be, Office phone: +32 16 32 69 06 or +32 16 3 26700

Professor Karthik Kannan Dean of Business School, Eller College of Business at University of Arizona Formerly: Thomas Howatt Chaired Professor in Management, email: dean@eller.arizona.edu, Office phone: 520-621-2125.

Professor Eugenio Miravete Rex, G. Baker Professor of Economics, Department of Economics, University of Texas at Austin, USA, Email: miravete@eco.utexas.edu, Office phone: (512) 232-1718

Professor Michael J. Seiler

J. Edward Zollinger Endowed Chair Professor of Finance & Real Estate, College of William & Mary, cell: 757.585.6100, e-mail: mjseiler@wm.edu