### Address:

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Fax: (407)-823-3269

Date of Birth: February 27, 1954

Family Status: Married, two children

#### Educational Background:

BA, Economics, Yale University, 1976 MA, Economics, Stanford University, 1981 Ph.D., Economics, Stanford University, 1983

### Areas of Interest:

Industrial Organization, Economics of Sports, Law and Economics, Public Finance

### Academic Experience:

Xander-White Professor of Economics, University of Central Florida, August 2019 - present

Professor Emeritus, Department of Economics, University of Iowa, May, 2019 - present

Professor, Department of Economics, University of Iowa, August, 2012 - May, 2019

Associate Professor, Department of Economics, University of Iowa, August, 1988 - July, 2012

Visiting Lecturer, Department of Economics, University of Auckland, June, 1992 - August, 1992

Visiting Associate Professor, Department of Economics, Stanford University, January, 1990 - June, 1990

Assistant Professor, Department of Economics, University of Iowa, August, 1981 - July, 1988

Instructor, Department of Economics, Stanford University, June, 1980 - August, 1980

Other Experience:

Visiting Scholar, Stanford University Law School, January, 1990 - June, 1990

Visiting Fellow, Centre of Policy Studies, Monash University, May, 1984 - July, 1984

Research Assistant, Electric Power Research Institute, January, 1978 - June, 1979

Economist, Federal Energy Administration, August, 1976 - July, 1977

### Awards:

Distinguished Member, National Society of Collegiate Scholars

Tippie College of Business Dean's Teaching Award, 2004

Delta Sigma Pi (Professional Business Fraternity) Professor of the Year, 1997-1998

University of Iowa Collegiate Teaching Award, 1997

Justice International Business Fellowship, Tippie College of Business, University of Iowa, 2008-present

Lloyd J. and Thelma W. Palmer Fellowship, Tippie College of Business, University of Iowa, 2007-2008

Pioneer Hi-Bred Research Fellow, Tippie College of Business, University of Iowa, 2002 - 2003

Stanley C. Hollander Best Paper Award,  $10^{\rm th}$  Conference on Historical Analysis & Research in Marketing, 2001

### Grants:

American Cancer Society Grant to study "Economic Impact of Iowa City Smokefree Restaurant Ordinance"

U.S. Department of Energy Grant to study "Estimating the Economic Impact of Substituting Switchgrass for Coal for Electric Generation in Iowa" (with Richard A. Ney, Michael S. Balch, Jerald L. Schnoor and Ori J. Sivan), DE-FC36-96G010148.

Resources for the Future Small Grants Program grant to study "Exhaustible Resources, Recycling, and Market Structure," April, 1983

University of Iowa Center for Advanced Study Interdisciplinary Grant to study "Market Power and Antitrust Policy," June, 1991

# Referee for:

American Economic Review, Canadian Journal of Economics, Economica, Economic Development Quarterly, Economic Inquiry, Economic Journal, International Economic Review, International Journal of Industrial Organization, Journal of Econometrics, Journal of Economic Education, Journal of Environmental Economics and Management, Journal of Policy Modeling, Journal of Public Economics, Journal of Sports Economics, Journal of Sports Finance, Quarterly Journal of Economics, RAND Journal of Economics, Resources and Energy, Science, Southern Economic Journal

### Courses Taught:

Principles of Microeconomics First-Year Seminar in Economics First-Year Honors Seminar: Doing Well and Doing Good Economics of American Industries Industrial Organization Antitrust: Legal and Economic Analysis Economics of the Government Sector Public Sector Economics Environmental and Natural Resource Economics Economics of Sports Law and Economics Seminar: Game Theory and the Law Managerial Economics (MBA, Executive MBA)

Industrial Organization (PhD) Doctoral Thesis Advising: Anthony Krautmann (chair) William Vigdor (chair) Tony Lin (chair) Megan Schaeffer-Czuta (co-chair) Zhuoya Zhang Yifan (Anovia) Dai Marilyn Pease Cenk Cetin Timothy Hubbard Yigit Saglam Olena Chryuk Fan Liu Subhashish Gupta Va Nee Van Vleck Der-Pyng Maa Xing-He Wang Cynthia Carlson Pinggui Xiang Rodney Raehsler Sueh Ching Kung Robert Logan Sudeep Ghosh Anjit Bajwa Jeff Owen Abdullah Yavas Metin Cosqel Santhi Hejeebu

# Other Professional Activities:

Invited Lecture: William E. Weiss Lecture in Economics, Skidmore College, 2016 Presentations: Western Economics Association Meetings, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2018 Conference on The Antitrust Enterprise. University of Iowa College of Law, 2005 Conference on Historical Analysis & Research in Marketing, 2001

American Economic Association Meetings, 1992, 1988, 1986, 1984 Technical Workshop on Nuclear Issues, Energy Information Administration, U.S. Department of Energy, 1992 Conference on Ethanol and Public Policy, Hubert H. Humphrey Institute of Public Affairs, University of Minnesota, 1991 Conference on Ethanol as an Alternative Fuel and Feedstock, University of Iowa, 1990 Sixth International Conference on Mathematical Modeling, 1987 Kansas-Missouri Seminar in Quantitative and Mathematical Economics, 1986 International Association of Energy Economists North American Meetings, 1983 Sessions Chaired: Western Economics Association Meetings, 2006, 2007, 2008, 2009, 2010, 2012, 2016, 2018 American Economic Association Meetings, 1992, 1991 Discussant: Western Economics Association Meetings, 2006, 2007, 2008, 2009, 2010, 2012, 2016, 2018 American Economic Association Meetings, 1986, 1984 Midwest Economics Association, 1992, 1982 Symposium on Economic, Legal and Political Aspects of Privatization in Russia, University of Iowa, 1994 Third Annual Workshop, Competition Law and Policy Institute of New Zealand, 1992 NBER Workshop on Investment and Productivity, 1983

Participation: American Economic Association Meetings, 2000, 2002, 2004, 2006, 2007, 2008

# Professional Memberships:

American Economic Association Western Economic Association International North American Association of Sports Economists

# Published Articles:

"(Mal)ingering on the Disabled List" (with Anthony C. Krautmann), *Contemporary Economic Policy*, 33:4 (2015), 689 - 697. "A Nash Bargaining Model of the Salaries of Elite Free Agents" (with Anthony C. Krautmann), *Journal of Sports Economics*, 12 (2011) 309 - 316.

"Moving on Up: The Rooney Rule and Minority Hiring in the NFL" (with Benjamin L. Solow and Todd Walker), *Labour Economics*, 18 (2011), 332 - 337.

"The Dynamics of Performance over the Duration of Major League Baseball Long-Term Contracts" (with Anthony Krautmann), Journal of Sports Economics, 10 (2009), 6 - 22.

"Leveling the Playing Field or Just Lowering Salaries? The Effects of Redistribution in Baseball" (with Anthony Krautmann), Southern Economic Journal, 73 (2007), 947 - 958; reprinted in V. Andreff (ed.) <u>Recent Developments in the</u> Economics of Sports, Edward Elgar Publishing Ltd., London (2011).

"Estimating Market Power in the Presence of Capacity Constraints: An Application to High-Fructose Corn Sweetener" (with Bjarne Brendstrup and Harry Paarsch), International Journal of Industrial Organization, 24 (2006), 251 - 267.

"Doing Good Economics in the Courtroom: Thoughts on *Daubert* and Expert Testimony in Antitrust" (with Daniel Fletcher), *Journal of Corporation Law*, 31 (2006), 489 - 502.

"Community and Gender in Social Dilemma Experiments" (with Nicole Kirkwood), Journal of Economic Behavior and Organization 48 (2002), 403 - 412.

"Exorcising the Ghost of Cigarette Advertising Past: Collusion, Regulation and Fear Advertising", *Journal of Macromarketing* 21 (2001), 135 - 145.

"An Economic Analysis of the <u>Droit de Suite</u>", *Journal of Cultural Economics* 22 (1998), 209 - 226; reprinted in R. Towse and R. Holzauer (eds.) <u>The Economics of Intellectual</u> <u>Property</u>, Edward Elgar Publishing Ltd., London (2002).

"Forecasting Nuclear Power Supply using Bayesian Vector Autoregression" (with Roderick Beck) *Energy Economics* 16 (1994), 185 - 192. "Paternalistic Preferences, Interpersonal Transfers and Reciprocity" Southern Economic Journal 61 (1994), 379 - 386.

"Is it Really the Thought that Counts? Toward a Rational Theory of Christmas" *Rationality and Society* 5 (1993), 506 - 517.

"Nuclear Power Plant Performance: the post Three Mile Island Era" (with Anthony C. Krautmann), *Energy Economics* 14 (1992), 209 - 216.

"Monopoly Production of Durable Exhaustible Resources" (with David A. Malueg), *Economica* 57 (1990), 29 - 47.

"A Note on Welfare in the Durable Goods Monopoly" (with David A. Malueg), *Economica* 56 (1989), 523 - 527.

"Economies of Scale in Nuclear Power Generation" (with Anthony C. Krautmann), *Southern Economic Journal* 55 (1988), 70 - 85.

"Exhaustibility and the Durable Goods Monopolist," (with David A. Malueg), *Mathematical and Computer Modelling* 10 (1988), 419 - 427.

"Errata to 'The Durable Goods Monopolist and Consistency with Increasing Costs' by C. Kahn" (with David A. Malueg and Charles Kahn), *Econometrica* 56 (1988), 754.

"On Requiring the Durable Goods Monopolist to Sell" (with David A. Malueg), *Economics Letters* 25/3 (1987), 283 - 288.

"The Capital-Energy Complementarity Debate Revisited," American Economic Review 77 (1987), 605 - 614.

"Interindustry Flows and the Incidence of the Corporate Income Tax," *Journal of Public Economics* 30 (1986), 359 -368.

"General Equilibrium Incidence of Energy Taxation," Southern Economic Journal 51 (1985), 1018 - 1030.

"Factor Intensity Rankings in U.S. Production," (with Deborah Johnson), *Economics Letters* 16 (1984), 369 - 374.

"Domestic Energy: A Forgotten Factor in Simple Energy-Economy Models," (with Stephen C. Peck), *The Energy Journal* 3 (1982), 39 - 52.

"A General Equilibrium Approach to Aggregate Capital-Energy Complementarity," *Economics Letters* 2 (1979), 91 - 94.

#### Invited Chapters:

"Performance Expectations, Contracts and Job Security" (with Peter von Allmen) in <u>Research Handbook of Employment</u> <u>Relations and Sport</u>, 46-68, Michael Barry, James Skinner and Terry Engelberg, eds., (2016. Edward Elgar Publishing).

"The Demand for Aggressive Behavior in American Stock Car Racing" (with Peter von Allmen) in Sports Economics, Management and Policy, 1, Volume 4, <u>Violence and Aggression</u> <u>in Sporting Contests</u>, Part 3, 79-95, Todd Jewell, ed., (2012. Springer).

"Salary Caps in a Model of Talent Allocation" (with Anthony C. Krautmann) in Sports Economics, Management and Policy, 2, Volume 3, 159-171 <u>The Economics of the NFL: The State</u> of the Art, Kevin Quinn, ed., (2012. Springer).

"Economic and Financial Expertise and Economic Damages: Scientific Issues" (with Gary L. French and Paul S. Lowengrub) in D. Faigman, D. Kaye, M. Saks and J. Sanders, (eds.) <u>Modern Scientific Evidence: The Law and Science of</u> <u>Expert Testimony Volume 3</u>, West Group, St. Paul, MN (2002), 68 - 110.

"General Equilibrium Incidence of Energy Taxation," in R. L. Itteilag, ed., <u>Government and Energy Policy</u>, Alexandria: International Association of Energy Economists, (1983), 304 -318.

### Books:

Economics: Principles and Policy 14<sup>th</sup> ed. (with William Baumolt and Alan Blinder), Boston: Cengage Learning (2019)

Antitrust Law Vol. IV (with Phillip E. Areeda and Herbert Hovenkamp), Boston: Little, Brown and Company, (1998).

Antitrust Law Vol. IVA (with Phillip E. Areeda and Herbert Hovenkamp), Boston: Little, Brown and Company, (1998). Antitrust Law Vol. IIA (with Phillip E. Areeda and Herbert Hovenkamp), Boston: Little, Brown and Company, (1994).

# Technical Reports:

"Estimating the Economic Impact of Substituting Switchgrass for Coal for Electric Generation in Iowa" (with Richard A. Ney, Michael S. Balch, Jerald L. Schnoor and Ori J. Sivan), Center for Global and Regional Environmental Research, The University of Iowa, March 29, 2005

"Review of Current Nuclear Forecasting Models" for Quality Assurance Division, Office of Statistical Standards, Energy Information Administration, U.S. Department of Energy and Energy and Economic Analysis Section, Energy Division, Oak Ridge National Laboratory

"Independent Expert Review of the Short Term Nuclear Power Production Simulation Model" for Quality Assurance Division, Office of Statistical Standards, Energy Information Administration, U.S. Department of Energy and Energy and Economic Analysis Section, Energy Division, Oak Ridge National Laboratory

## Book Reviews:

"A Review of 'The Run to the Pennant: A Multiple Equilibrium Approach to Professional Sports Leagues'"\_by Duane W. Rockerbie and Stephen T. Easton, <u>Journal of</u> Economic Literature, December, 2014

"A Review of 'Resource and Environmental Economics'" by Anthony C. Fisher, <u>Journal of Economic Literature</u>, September, 1982

"A Review of 'Economic Growth and Resources: Proceedings of the Fifth World Conference of the International Economic Association. Volume 3: Natural Resources,'" ed. by Christopher Bliss, Journal of Economic Literature, September, 1981

Working papers:

"The Economics of Guaranteed Long-term Contracts in Major League Baseball" (with Anthony C. Krautmann), under review, Journal of Sports Economics

"An Empirical Analysis of Optimal Effort in Multi-Year Contracts" (with Harry J. Paarsch and Elena Pastorino)

"The Incentive Power of Implicit and Explicit Contracts in Baseball" (with Harry J. Paarsch and Elena Pastorino)

# Work in Progress:

"Franchise Tags in the NFL" (with Dennis Coates, Anthony Krautmann and Kevin Quinn)

"Experiments with Ultimatum Games" (with Michael Balch and Timothy Hubbard)

## Service Activity:

Major Positions Held:

Department of Economics:

Director of Graduate Studies (1990-1993) Director of Undergraduate Studies (1993-1997; 2004-2007) Assistant Departmental Executive Officer (subsumed Director of Undergraduate Studies duties; 2007-2009)

Departmental Executive Officer (2009-2016)

Tippie College of Business:

Director of Honors Program (2008-2015)

Committees Assignments:

College of Liberal Arts and Sciences Faculty Assembly
 (Vice-Chair)
College of Liberal Arts and Sciences Council on Teaching
 (Chair)
Tippie College of Business Promotions and Tenure Committee
Tippie College of Business Elected Faculty Council (Vice Chair)
Tippie College of Business Judicial Board
University College Executive Committee

Steering Committee for Ethics and Public Policy interdisciplinary major Entry and Transition Subcommittee, NCA Reaccreditation of the University of Iowa First-Year Seminar Committee (Chair; planned and initiated the First Year Seminar program for the University of Iowa). Educational Policy Committee (Chair; planned and established the Center for Teaching at the University of Iowa) Sustainability Curriculum Task Force (developed undergraduate Sustainability Certificate) President's Committee on Athletics University Honors Steering Committee University Classroom Advisory Committee University Faculty Senate University Faculty Executive Committee

# Other:

College of Business Dean Search Committee External Reviewer of Department of Urban and Regional Planning External Reviewer of the Dean of the College of Law External Reviewer of the Departments of Economics of Western Illinois University and Colorado College