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CURRENT POSITION:

Associate Professor of Public Policy, John F. Kennedy School of Government, Harvard University. July 2004 – present. Assistant Professor, 1999 – 2004.
Faculty Associate, Center for International Development, Harvard University, 2001 – present.
Faculty Associate, Mossavar-Rahmani Center for Business and Government, Harvard University, 2002 – present.

EDUCATION:

Ph.D., Managerial Economics and Decision Sciences, J.L. Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois. June 1999.
Dissertation Title: “Moral Hazard: Partnerships, Insurance, and Health Care.”
B.S. Economics, Summa Cum Laude, The Wharton School, University of Pennsylvania, Philadelphia, Pennsylvania, 1994.
B.A. Philosophy, Summa Cum Laude, College of Arts and Sciences, University of Pennsylvania, Philadelphia, Pennsylvania, 1994.

GRANTS, FELLOWSHIPS, AND AWARDS

William H. Milton Fund, Harvard Medical School, “Consumption, Nutrition, and Health among the Ultra-Poor,” 2005 – 2006.
Investigator, “Regulating Pollution Through Information Disclosure: Facility Response to the Toxics Release Inventory,” with Lori Snyder and Rob Stavins (Principal Investigator), Environmental Protection Agency, 2002 – 2005.
Investigator, “Ownership and Contracting for Quality Health Care,” with Richard Zeckhauser (Principal Investigator) and Karen Eggleston, Agency for Healthcare Research and Quality, 2003 – 2004.
State Farm Companies Foundation Doctoral Dissertation Award in Insurance, 1998.
National Science Foundation Graduate Research Fellowship, 1994 – 1997.
Honorary Mellon Fellow in Humanistic Studies, 1994.
University Fellowship, Northwestern University, 1997 – 1998 (academic year).
Kellogg Fellowship, Northwestern University, 1997-1998 (academic year).
Rose Undergraduate Research Award, University of Pennsylvania, 1994

PUBLISHED AND FORTHCOMING PAPERS

- “Efficiency in Partnerships with Joint Monitoring,” *Journal of Economic Theory*, **77** (2), December 1997, 285-299.
- “The Equivalence of Price and Quantity Competition with Delegation,” *RAND Journal of Economics*, **32**(2), Summer 2001, 284-301, with Amit Pazgal.
- “Relative Performance as a Strategic Commitment Mechanism,” *Managerial and Decision Economics*, **23**(2), March 2002, 51-68, with Amit Pazgal.
- “The Effects of Environmental Regulation on Technology Diffusion: The Case of Chlorine Manufacturing,” *American Economic Review*, **93**(2), May 2003 (Papers and Proceedings), 431-435, with Lori D. Snyder and Robert N. Stavins.
- “Strategic Trade and Delegated Competition,” with Amit Pazgal. *Journal of International Economics*, **66**(1), 2005, 215-231.
- “Pricing Health Benefits: A Cost Minimization Approach,” (2005). *Journal of Health Economics*, **24**(5), 2005, 931-949.
- “Eliciting Informative Feedback: The Peer Prediction Method,” with Paul Resnick and Richard Zeckhauser (2005). *Management Science*, **51**(9), September 2005, 1359-1373. Reprinted in *Computing with Social Trust and Reputation*, Jennifer Golbeck (Ed.), Springer (2008).
- “Screening Budgets,” with Alex Wagner and Richard Zeckhauser (2006). *Journal of Economic Behavior and Organization*, **61**(3), 351-374.
- “Budget or Target: The Choice Between Input and Output Strategies,” with Amit Pazgal (2006). *RAND Journal of Economics*, **37**(2), Summer 2006, 391-415.
- “Possibly-Final Offers,” with Nikita Piankov and Richard Zeckhauser (2006). *Journal of Economics and Management Strategy*, **15**(3), Fall 2006, 789-819.
- “Insurer-Provider Integration, Credible Commitment, and Managed Care Backlash” (2006). *Journal of Health Economics*, **25**(5), 861-876.
- “Provider Choice of Quality and Surplus,” with Karen Eggleston and Richard Zeckhauser (2006). *International Journal of Health Care Finance and Economics*, **6**, 103-117.

PUBLISHED AND FORTHCOMING PAPERS (CONTINUED)

“Mechanism Design with Multidimensional, Continuous Types and Interdependent Valuations,” with Scott Johnson, John Pratt, and Richard Zeckhauser (2007), *Journal of Economic Theory* **136**(1), 476-496.

“Advertising Budgets in Competitive Environments,” with Amit Pazgal (2007). *Quantitative Marketing and Economics*, **5**(2), 131–161.

“Giffen Behavior and Subsistence Consumption,” with Robert Jensen (2008). Forthcoming, *American Economic Review*.

WORKING PAPERS

“Do Consumer Price Subsidies Really Improve Nutrition?” (2008) with Robert Jensen. Revision requested by *The Review of Economics and Statistics*. KSG Working Paper 08-025.

“Outcome Commitments in Third-Party Commitment: Theory and Application to U.S. Policy in Iraq.” (2008) KSG Working Paper 08-041.

“The Impact of the World Food Price Crisis on Nutrition in China” (2008) with Robert Jensen. KSG Working Paper 08-039.

“Demanding Customers: Consumerist Patients and Physician Quality” (2008) with Hai Fang, John Rizzo and Richard Zeckhauser.

“Report Cards, Incentives, and Quality Competition in Health Care.” (2006)

“Giffen Behavior in China: Evidence from the China Health and Nutrition Survey” (2007)

“Health Benefits and Wages: Minimizing Total Compensation Cost,” (2004). (An extended version of “Pricing Health Benefits” listed above. A previous version is Harvard Kennedy School Research Working Paper RWP01-023.

“Expenditure switching as consumption insurance,” with Robert Jensen (2004).

“Moral Hazard with Persistent Actions and Learning” (1999).

WORK IN PROGRESS

“Assessing Poverty and Nutrition Using Calorie Shares,” with Robert Jensen. (2008).

“The Role of Information Framing in Environmental Health Policy: A Field Experiment,” with Lori Benneer (Duke University).

“Optimal Design of a System of Copayments: A Ramsey Pricing Approach,” with Amitabh Chandra, Joe Newhouse, and Richard Zeckhauser.

“Screening Via Risk Aversion,” with Alex Wagner and Richard Zeckhauser.

“A Model of Force Allocation,” with Amit Pazgal.

“Improving the Design of Medicare Advantage,” with Tom McGuire and Jacob Glazer.

PROFESSIONAL SERVICE

Associate Editor, *Berkeley Electronic Journals in Theoretical Economics*, March 2008-present.

Associate Editor, *Review of Economics and Statistics*, June 2008 – present.

Ad Hoc referee for *The American Economic Review*, *American Economic Journal: Applied Economics*, *Berkeley Electronic Journals (Theoretical Economics, Economic Analysis and Policy)*, *Economic Inquiry*, *Econometrica*, *Games and Economic Behavior*, *International Economic Review*, *Journal of Economic Education*, *The Journal of Economic Theory*, *The Journal of Economics and Management Strategy*, *The Journal of Health Economics*, *Journal of Political Economy*, *Managerial and Decision Economics*, *Management Science*, *The Quarterly Journal of Economics*, *The RAND Journal of Economics*, *The Review of Economics and Statistics*, *The Review of Economic Studies*, *more..*

TEACHING EXPERIENCE

Math review for executive MBA program (Kellogg Graduate School of Management, Northwestern University), managerial economics (Kellogg), microeconomic theory (KSG doctoral program), advanced microeconomic analysis (KSG Masters in international development program), Game Theory and Strategy (KSG Executive Programs).

TEACHING MATERIALS

Notes on Microeconomic Theory. A 250 page manuscript designed to accompany my courses, API 109i and API 111, in order to make doctoral-level microeconomic theory accessible to students with interests in applied fields of microeconomics (such as public policy,

development, business fields, health policy, etc.). Available for download at:
http://www.ksg.harvard.edu/nolan_miller/notes.

Applied Microeconomic Theory. The notes above form the first half of a textbook that Chris Avery and I are currently writing. The goal of the text is to provide a text for students of advanced microeconomics who are not going to be economic theorists. This would include students in economics departments who are going to study empirical labor or public finance, as well as students in related graduate programs such as public policy, health policy, business, or political science. The text aims at being mathematically rigorous while at the same time emphasizing intuition and application rather than theoretical generality for its own sake. Drafts of all chapters have been written, and we are in the process of signing a book contract with Harvard University Press.