

**GERALD R. MARSCHKE**

**Department of Economics  
Catskill 399C**

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**EDUCATION**

- 1997                      Ph.D. (Economics), The University of Chicago  
Dissertation: Organizational incentives and bureaucratic behavior: Evidence from a federal bureaucracy. Doctoral mentor: James J. Heckman, Ph.D.
- 1984                      B.A., The University of California, Davis

**EDUCATIONAL EMPLOYMENT**

- 2026 - present            **Professor**, Department of Economics, University at Albany, State University of New York
- 2011 - 2026              **Associate Professor**, Department of Economics, University at Albany, State University of New York
- 2010 - 2011,  
2004 - 2008              **Associate Professor**, Department of Public Administration and Policy joint with Department of Economics, University at Albany, State University of New York
- 2008 - 2009              **Visiting Associate Professor**, John F. Kennedy School of Government, Harvard University (on leave from University at Albany, State University of New York)
- 1998 - 2004              **Assistant Professor**, Department of Public Administration and Policy joint with Department of Economics, University at Albany, State University of New York
- 1996 - 1998              **Visiting Assistant Professor**, Department of Economics, University at Buffalo, State University of New York

**ADDITIONAL EMPLOYMENT**

- 2009 - 2010              **Senior Researcher**, Harvard Medical School, Harvard University (on leave from University at Albany, State University of New York)
- 2008 - 2010              **Wertheim Fellow**, Labor and Worklife Program, Harvard Law

School, Harvard University (on leave from University at Albany, State University of New York)

1993 - 1996      **Research Associate**, Center for Social Program Evaluation, The University of Chicago, James J. Heckman, Director

## OTHER PROFESSIONAL APPOINTMENTS

2014 -      **Research Associate**, National Bureau of Economic Research (NBER)

2010-      **Senior Research Associate**, Center for Labor & A Just Economy, (formerly Labor and Worklife Program), Harvard Law School, Harvard University

2007 - 2014      **Faculty Research Fellow**, National Bureau of Economic Research (NBER)

2005 - 2013      **Research Fellow**, Institute for the Study of Labor (IZA)

## HONORS AND AWARDS

Wertheim Fellowship, Wertheim Foundation, Harvard Law School. 2008-2010, 2012

June Pallot Award for Best Article. International Public Management Journal. 2005

H. Gregg Lewis Prize for Best Article. Journal of Labor Economics, Society of Labor Economists. 2004-2005

Young Economist Award, Royal Economics Society. 1999

Lynde and Harry Bradley Foundation Fellowship. The University of Chicago. 1990-1992

The University of Chicago Fellowship. The University of Chicago. 1988-1992

## PUBLICATIONS<sup>1</sup>

### Peer reviewed articles

1.    **\*\*Diethorn, H. and Marschke, G.** "Task Mismatch and Salary Penalties: Evidence from the Biomedical PhD Labor Market," *Journal of Labor Economics*, in press.

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<sup>1</sup> \* indicates a co-author who was Marschke's Ph.D. student at the time the project was initiated or drafted.

\*\* indicates a co-author who was his postdoctoral researcher at that time.

2. Davis, J. C., \*\*Diethorn, H., Marschke, G. and Wang, A. "STEM Employment Resiliency during Recessions: Evidence from the COVID-19 Pandemic," *Research Policy*, 55(1), January 2026, Article 105361. doi: 10.1016/j.respol.2025.105361
3. \*Yu, H., Marschke, G., Ross, M.B., Staudt, J., and Weinberg, B. "Publish or Perish: Selective Attrition as a Unifying Explanation for Patterns in Innovation over the Career," *Journal of Human Resources*, 58(4), July 2023, pp. 1307-1346, doi: 10.3368/jhr.59.2.1219-10630r1.
4. Kim, J., Lee, S., and Marschke, G. "Inventor Mobility and Knowledge Transmission in Nanotechnology," *International Journal of Business and Social Science*, 12(5), May 2021, pp. 1-10, doi:10.30845/ijbss.v12n5p1.
5. Staudt, J., \*Yu, H., Light, R.P., Marschke, G., Börner, K. and Weinberg, B.A. "High-Impact and Transformative Science (HITS) Metrics: Definition, Exemplification, and Comparison," *PLoS ONE*, 13(7), July 2018, pp. 1-23.
6. \*Kim, D. H., Courty, P., and Marschke, G., "Curbing Cream-Skimming: Evidence on Enrolment Incentives," *Labour Economics*, 2011, 18(5), pp. 643-655.
7. Heinrich, C., and Marschke, G. "Incentives and Their Dynamics in Public Sector Performance Management Systems," *Journal of Policy Analysis and Management*, Winter 2010, 29(1), pp. 183-208.
8. Goldfarb, B., Marschke, G., and \*Smith, A. "Inventive Activity and Scholarship in Academe: Complements or Substitutes?" *Economics of Innovation and New Technology*, 2009, 18(8), pp. 743-756.
9. Kim, J., Lee, S., and Marschke, G. "Inventor Productivity and Firm Size: Evidence from Panel Data on Inventors," *Pacific Economic Review*, October 2009, 14(4), pp. 516-531.
10. Kim, J., Lee, S., and Marschke, G. "Relation of Firm Size to R&D Productivity," *International Journal of Business and Economics*, April 2009, 8(1), pp. 7-19.
11. Courty, P. and Marschke, G. "A General Test for Distortions in Performance Measures," *The Review of Economics and Statistics*, August 2008, 90(3), pp. 428-441.
12. Courty, P. and Marschke, G. "Making Government Accountable: Lessons from a Federal Job Training Program," *Public Administration Review*, September-October 2007, 67(5), pp. 904-916.
13. Kim, J. and Marschke, G. "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," *The RAND Journal of Economics*, Summer 2005, 36(2), pp. 298-317.
14. Courty, P., Heinrich, C. and Marschke, G. "Setting the Standard in Performance Measurement Systems," *International Public Management Journal*, 8(3), 2005, pp. 1-27; winner of June Pallot Award for Best Article, *International Public Management Journal*, 2005.
15. Courty, P. and Marschke, G. "Benchmarking Performance," *Public Finance and Management*, 4(3), 2004, pp. 288-316.
16. Kim, J. and Marschke, G. "Accounting for the recent surge in U.S. Patenting: Changes in R&D expenditures, patent yields, and the high tech sector," *Economics of Innovation and New Technology*, Vol. 13, No. 6, September 2004, pp. 543-558.
17. Courty, P. and Marschke, G. "An Empirical Investigation of Gaming Responses to Performance Incentives," *Journal of Labor Economics*, Vol. 22, No. 1, January

- 2004, pp. 23-56; winner of H. Gregg Lewis Prize for Best Article, *Journal of Labor Economics*, 2004-2005.
18. Courty, P. and Marschke, G. "Performance Funding in Federal Agencies: A Case Study of a Federal Job Training Program," *Public Budgeting and Finance*, Vol. 23, No. 3, Fall 2003, pp. 22-48.
  19. Courty, P. and Marschke, G. "Dynamics of Performance Measurement Systems," *Oxford Review of Economic Policy*, Vol. 19, No. 2, Summer 2003, pp. 268-84.
  20. Courty, P. and Marschke, G. "Performance Incentives with Award Constraints," *Journal of Human Resources*, Vol. 38, No. 4, Fall 2002, pp. 812-45.
  21. Lalonde, R., Marschke, G., and Troske, K. "Using Longitudinal Data on Establishments to Analyze the Effects of Union Organizing Campaigns in the United States," *Annales d'Economie et de Statistique*, No. 41/42, Jan-June 1996, pp. 155-85.

### Non-refereed articles

1. Davis, J. C., \*\*Diethorn, H., Marschke, G. and Wang, A. "US Engineering Employment During the COVID-19 Pandemic," *Proceedings of the 2022 ASEE Annual Conference and Exposition*, Minneapolis, MN. <https://peer.asee.org/41981>.
2. Marschke, G., \*Nunez, A., Weinberg, B.A. \*Yu, H. "Last Place The Intersection between Ethnicity, Gender, and Race in Biomedical Authorship." *American Economic Association Papers and Proceedings*, 108, May 2018, pp. 222-227. doi: 10.1257/pandp.20181111.
3. Kim, J. and Marschke, G. "How Much U.S. Technological Innovation Begins in Universities?" *Economic Commentary*, Cleveland Federal Reserve Bank, April 1, 2007, pp. 1-3.
4. Marschke, G. "Performance Incentives in Government: Evidence from a U.S. Job Training Program for the Economically Disadvantaged," *Centre for Market and Public Organisation Bulletin*, No. 3, June 2000, pp. 4-7.
5. Courty, P. and Marschke, G. "Measuring Government Performance: Lessons from a Federal Bureaucracy," *American Economic Review Papers and Proceedings*, Vol. 87, No. 2, May 1997, pp. 383-88.

### Book chapters

1. Kim, J., Lee, S., and Marschke, G. "Impact of University Scientists on Innovations in Nanotechnology," in *Intellectual Property for Economic Development: Issues and Policy Implications*, (Sanghoon Ahn, Bronwyn H. Hall, and Keun Lee, eds.), Edward Elgar, 2014, pp. 141-158.
2. Heckman, J. J., Heinrich, C., Courty, P., Marschke, G., and Smith, J. eds. *The Performance of Performance Standards*, W. E. Upjohn Institute for Employment Research, 2011.
  - a. Courty, P., Heinrich, C., Marschke, G., and Smith, J. "U.S. Employment and Training Programs and Performance Standards System Design," (pp. 15-28 Chapter 2),
  - b. Courty, P. and Marschke, G. "The JTPA Incentive System: Implementing Performance Measurement and Funding," (pp. 65-93, Chapter 4),

- c. Courty, P., Heinrich, C., Marschke, G. "Setting the Standards: Performance Targets and Benchmarks," (pp. 95-123, Chapter 5), and
- d. Courty, P. and Marschke, G. "Measuring Government Performance: An Overview of Dysfunctional Responses," (pp. 203-229, Chapter 7).
- 3. Kim, J., Lee, S., and Marschke, G. "International Knowledge Flows: Evidence from an Inventor-Firm Matched Data Set," in *Science and Engineering Careers in the United States: An Analysis of Markets and Employment*, (Richard Freeman and Daniel Goroff, eds.), NBER and The University of Chicago Press, 2009, pp. 321-348.
- 4. Marschke, G. "The Economics of Performance Incentives in Government with Evidence from a Federal Job Training Program," Chapter 4, in *Quicker, Better, Cheaper? Managing Performance in American Government*, (Dall Forsythe, ed), Rockefeller Institute Press, 2001, pp. 61-97.
- 5. Courty, P. and Marschke, G. "Moral Hazard Under Incentive Systems: The Case of a Federal Bureaucracy," in *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, (Gary Libecap, ed.), Vol. 7, 1996, pp. 157-90.

## WORK IN PROGRESS<sup>2</sup>

### Working papers completed (submitted or close to submission to refereed journals)

- 1. Marschke, G., \*Nunez, A., Weinberg, B.A. \*Yu, H., "The Last Ceiling? Trends in Representation Among Biomedical Authors," under review at *PNAS Nexus*.
- 2. Ross, M. B., Bae, J., \*Yu, H., Staudt, J., Owen-Smith, J., Lane, J. I., Marschke, G., Weinberg, B. "The Scientific Lifecycle: Innovation, Resources, and Selective Attrition," under revision.
- 3. Chatterji, P., Li, \*Siyang, and Marschke, G. "Malpractice Reform and the Sorting of New Physicians by Medical Human Capital," under revision; version published in *NBER Working Paper Series* (No. 24401), 2020.
- 4. Barth, E., Davis, J. C., Diethorn, H., Freeman, R., Marschke, G., and Wang, A. "R&D Spillovers and Labor Mobility," under revision.
- 5. Courty, P. and Marschke, G. "On the Sorting of Physicians across Medical Specialties: Understanding Shortages and Growth in Specialization," not submitted; version published in *NBER Working Paper Series* (No. 14502), 2008.
- 6. Kim, J., Lee, S., and Marschke, G. "The Influence of University Research on Industrial Innovation," not submitted; version published in *NBER Working Paper Series* (No. 11447), 2005.

### Working papers in progress (selected)

- 1. Diethorn, H., Marschke, G., Perlman, E., Staudt, J., and Weinberg, B. "Addressing the Small-n Problem for the Scientific Workforce," under revision.

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<sup>2</sup> Unless otherwise noted, author order follows disciplinary conventions (alphabetical) and author contributions are equal. \* indicates a co-author who was Marschke's Ph.D. student at the time the project was initiated or drafted. \*\* indicates a co-author who was his postdoctoral researcher at that time.

2. Barth, E., Davis, J. C., \*\*Diethorn, H., Marschke, G., and Wang, A. "Worker Mobility, R&D Human Capital and Firm Productivity," under revision.
3. Barth, E., Davis, J. C., Diethorn, H., Marschke, G., and Wang, A. "STEM Labor Demand," under revision.
4. Marschke, G. and \*Mayca, Max. "Booms, Busts, and the PhD Pipeline: The Career Impacts of Science Funding Volatility," under revision.
5. Davis, J. C., \*\*Diethorn, H., Marschke, G. and Wang, A. "A Machine Learning Approach to Identifying Postdocs in LEHD Data," under revision.
6. Ho, C-Y, Marschke, G., \*Noh, K., and Sung, W. "Bridging the Gender Innovation Gap with Paid Family Leave Policies," under revision.
7. Kim, J. and Marschke, G. "Teams in R&D: Evidence from Inventor Data," under revision.

## GRANT FUNDING

### Federal

Role: Principal Investigator

Project: COVID-19 and the Future of the U.S. STEM Workforce

Source: National Science Foundation

Time period: 8/1/2020 - 8/1/2023

Total funding: \$199,132

Role: Principal Investigator

Project: Economic Impact of Investments in R&D and Science and Engineering Workers

Source: National Science Foundation

Time period: 9/1/2019 - 8/31/2024

Total funding: \$548,099

Role: Principal Investigator

Project: Labor Market Outcomes of STEM PhDs: Measuring Career Earnings and Occupation Trajectories

Source: National Science Foundation

Time period: 4/1/2017 - 8/31/2023

Total funding: \$499,452

Role: Senior Investigator (Bruce Weinberg, Principal Investigator)

Project: Supplement: Aging of the Scientific Workforce and the Production of High Impact and Transformative Research

Source: National Institutes of Health

Time period: 9/15/2017 - 6/30/2018

Total funding: \$37,686

Role: Senior Investigator (Bruce Weinberg, Principal Investigator)

Project: Supplement: Aging of the Scientific Workforce and the Production of High Impact and Transformative Research

Source: National Institutes of Health

Time period: 9/15/2016 - 6/30/2017

Total funding: \$158,532

Role: Co-Principal Investigator (Andrew Wang and Richard Freeman, Principal Investigators)

Project: Assessing the Economic Impact of Documentary Standards

Source: National Institute of Standards and Technology (NIST)

Time period: 2/1/2016 - 1/31/2017

Total funding: \$150,000

Role: Senior Investigator/Co-Principal Investigator (Bruce Weinberg, Principal Investigator)

Project: Aging of the Scientific Workforce and the Production of High Impact and Transformative Research

Source: National Institutes of Health

Time period: 9/30/2013 - 9/30/2022

Total funding: \$1,361,791

Role: Principal Investigator

Project: Doctoral Dissertation Research: R&D Agglomeration

Source: National Science Foundation

Time period: 9/15/2013 - 9/1/2014

Total funding: \$15,000

Role: Co-Principal Investigator (Richard Freeman, Erling Barth, and Andrew Wang, co-Principal Investigators)

Project: DAT: Scientists and Engineers as Agents of Technological Progress: Measuring the Returns to R&D and the Economic Impact of Science & Engineering Workers

Source: National Science Foundation

Time period: 10/1/2009 - 10/1/2013

Total funding: \$399,998

Role: Co-Principal Investigator (Richard Freeman, Principal Investigator)

Project: Assessing the Impact of Federal Stimulus R&D Funding on Employment and Scientific Output

Source: National Science Foundation

Time period: 10/1/2009 - 10/1/2011

Total funding: \$194,000

Role: Principal Investigator

Project: Collaborative Research: Workshop on Linking NSF SED/SDR Data to Scientific Productivity Data

Source: National Science Foundation

Time period: 6/1/2007 - 5/31/2009

Total funding: \$15,594

### **Foundations and Other External Sources**

#### *Funded:*

Role: Principal Investigator (Holden Diethorn, Elisabeth Perlman, Joseph Staudt, Bruce Weinberg, Co-Principal Investigators)

Project: Economic Effects of Research Doctorates: Evidence from Linked Data

Source: Alfred P. Sloan Foundation

Time period: 9/1/2025-8/31/2028

Total funding: \$575,573

Role: Senior Investigator (Harald Dale-Olsen, Principal Investigator)

Project: Greening the economy - Facilitating Innovation, Economics and Labour Demand

Source: Research Council of Norway

Time period: 7/1/2023-6/30/2028

Total funding: \$130,000

Role: Principal Investigator

Project: Pathways from University Research to Productive Careers

Source: New York University

Time period: 11/9/2015-3/31/2017

Total funding: \$25,000

Role: Collaborator (Pascal Courty, Principal Investigator)

Project: Faculty Salaries: Is there a Trade-off Between Equal Pay and Academic Excellence?

Source: Social Sciences and Humanities Research Council of Canada

Time period: 4/1/2011-3/1/2014

Total funding: \$60,000

### **University at Albany**

Role: Principal Investigator

Project: Measuring the Impact of Non-compete Agreements on Scientist and Engineer Mobility and Compensation

Source: Center for Social and Demographic Analysis

Time period: 6/1/2011-8/1/2011

Total funding: \$5,000

Role: Principal Investigator

Project: Research and Development and Firm Size

Source: Faculty Research Award Program - Category B

Time period: 2002-2003 (Approximate)

Total funding: \$3125

Role: Principal Investigator  
Project: Explaining the Recent Rise in U.S. Patents  
Source: Faculty Research Award Program - Category A)  
Time period: 2000-2001  
Total funding: \$7848

### **Proposals Not Funded**

Role: Collaborator (Holguín-Veras, José, Principal Investigator)  
Project: "The Impacts of Freight Autonomous Vehicles on Rural and Tribal Communities"  
Source: United States Department of Transportation  
Time Period: 5/1/2025-4/30/2028  
Total Funding: No information

Role: Principal Investigator  
Project: The Impact of High-Skilled Immigration on Less-Skilled Workers  
Source: Russell Sage Foundation  
Time period: 7/1/2023-6/30/2028  
Total funding: \$174,913

Role: Principal Investigator (Bruce Weinberg, P01 Principal Investigator)  
Project: Using the Science of Science to Document and Accelerate Progress in the Case of Alzheimer's Disease  
Source: National Institutes of Health  
Time period: 6/1/2023-5/11/2028  
Total funding: No information

Role: External Collaborator (Principal Investigators, Brent Hueth, James Davis and Kelly Nelson)  
Project: Making Impact Clear: USDA Research and Development Funding, Research Teams and Outcomes, and the R&D Contribution to Rural Economies  
Source: United States Department of Agriculture  
Time period: 1/1/2022-1/1/2024  
Total funding: \$557,563

Role: Co-Principal Investigator (Pinka Chatterji, Co-Principal Investigator)  
Project: Medical Malpractice Reforms and the Location Decisions of New Physicians  
Source: Faculty Research Award Program - Category A  
Time period: 5/1/2019-4/30/21  
Total funding: \$6,648

Role: Senior Investigator (Bruce Weinberg, Principal Investigator)  
Project: Innovation and Aging Data Network  
Source: National Institutes of Health

Time period: 7/1/2013-7/1/2018

Total funding: No Information

Role: Co-Principal Investigator (Brent Goldfarb, Co-Principal Investigator)

Project: Estimating the Relation of Firm Size to Research and Development and Innovative Output

Source: National Science Foundation

Time period: 2002-2005

Total funding: No information

### CONFERENCE PRESENTATIONS<sup>3</sup>

"Green Technology and Labor Demand: Evidence from Matched U.S. Employer Employee and Patent Data," presented at the 2025 Federal Statistical Research Data Center Annual Conference, September 26, 2025. Co-authored with Barth, E. and Do, H. (presenter).

"Booms, Busts, and the PhD Pipeline: The Career Impacts of Science Funding Volatility," presented at the Sixth World Labor Conference, Society of Labor Economists, Toronto, Canada, June 28, 2025. Co-authored with Mayca, M. (presenter).

"Malpractice Reform and the Sorting of New Physicians by Medical Human Capital," presented at the Essen Health Economics Conference, University of Duisberg - Essen, Essen, Germany, May 29, 2025. Co-authored with Chatterji, P., and Li, S.

"Malpractice Reform and the Sorting of New Physicians by Medical Human Capital," presented at the Society of Labor Economists Annual Meeting, Portland, Oregon, May 4, 2024. Co-authored with Chatterji, P., and Li, S.

"Addressing the Small-n Problem for the Scientific Workforce," presented at the National Bureau of Economic Research, Cambridge, Massachusetts, April 26, 2024. Co-authored with Diethorn, H., Perlman, E. (presenter), Staudt, J., and Weinberg, B.

"STEM Employment Resiliency During Recessions: Evidence from the COVID-19 Pandemic," poster presented at the American Economic Association Annual Meeting, online, January 2023. Co-authored with Davis, J. C., Diethorn, H. (presenter), and Wang, A.

"STEM Employment Resiliency During Recessions: Evidence from the COVID-19 Pandemic," presented at the COVID Information Commons, online, January 2022. Co-authored with Davis, J. C., Diethorn, H., and Wang, A.

"Worker Mobility, R&D Human Capital and Firm Productivity," poster presented at the American Economic Association Annual Meeting, online, January 2022. Co-authored with Barth, E., Davis, J. C., Diethorn, H., and Wang, A.

"Scientific vs. Clinical Impact: The Case of Alzheimer's Disease Research," presented at the American Society of Health Economists (ASHEcon) Annual Meeting, Washington, D.C., June 25, 2019. Co-authored with Nunez, A., Packalen, M., Rosen, R., and Weinberg, B.

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<sup>3</sup> All presentations are paper presentations unless otherwise noted.

- "Malpractice Reform and the Sorting of New Physicians by Medical Human Capital," presented at the New York State Economic Association Annual Conference, Rochester, New York, September 28, 2019. Co-authored with Chatterji, P., and Li, S.
- "Postdoc Career Paths and Labor Market Outcomes: Evidence from UMETRICS-enhanced Census Data," IRIS Summit 2019, Institute for Social Research, University of Michigan, Ann Arbor, Michigan, September 26, 2019. Co-authored with Diethorn, H. (presenter).
- "Last Place: The Intersection between Ethnicity, Gender, and Race in Biomedical Authorship," presented at the IZA World Labor Conference, Berlin, Germany, June 2018. Co-authored with Nunez, A., Weinberg, B., and Yu, H.
- "Team Age, Innovativeness, and Impact: Evidence from Big Data on Biomedical Scientists," presented at the Society of Labor Economists Annual Meeting, Raleigh, North Carolina, May 2017. Co-authored with Ross, M., Staudt, J., Weinberg, B., and Yu, H.
- "R&D Spillovers and Labor Mobility," presented at the American Economic Association Annual Meeting, Chicago, Illinois, January 2017. Co-authored with Barth, E., Davis, J. C., Freeman, R., and Wang, A.
- "Teamwork in Science: Evidence from Patent Data," presented at the Atlanta Conference on Science and Innovation Policy, Atlanta, Georgia, September 2015. Co-authored with Kim, J.
- "Teamwork in Science: Evidence from Patent Data," presented at the Society of Labor Economists Annual Meeting, Montreal, Canada, September 2015. Co-authored with Kim, J.
- "Collaboration in Biomedical Science," presented at the National Bureau of Economic Research Workshop on Academic Collaboration, Cambridge, Massachusetts, June 2013. Co-authored with Freeman, R., and Wang, A.
- "On the Sorting of Physicians across Medical Specialties: Understanding Shortages and Growth in Specialization," presented at the Society of Labor Economists Annual Meeting, Boston, Massachusetts, May 2013. Co-authored with Courty, P.
- "NIH Research Funding and Regional Economic Impacts," presented at the National Bureau of Economic Research Productivity Lunch Seminar, Cambridge, Massachusetts, March 2013. Co-authored with Wang, A., and Freeman, R.
- "Who are the R&D Revolutionaries? Evidence from Nanotechnology," presented at the Nanobank Research Conference "The Rise of Nanotechnology," Cambridge, Massachusetts, May 2011.
- "Teamwork in Science: Evidence from Patent Data," presented at the National Bureau of Economic Research Summer Institute Conference, Productivity and Development of American Economy Meetings, Cambridge, Massachusetts, July 2010. Co-authored with Kim, J.
- "Booms and Busts in NIH Funding and their Effects on the Health Sciences," presented at the National Bureau of Economic Research Productivity Lunch Seminar, Cambridge, Massachusetts, May 2010. Co-authored with Barth, E., Freeman, R., and Wang, A.
- "Curbing Cream-Skimming: Evidence on Enrolment Incentives," presented at the Fifth IZA Conference on Labor Market Policy Evaluation, Washington, D.C., October 2009. Co-authored with Kim, D. H., and Courty, P.

- "Incentives in Academia," presented at the Midwest Economic Association Annual Meeting, Cleveland, Ohio, March 2009. Co-authored with Courty, P.
- "Inventor Mobility and Knowledge Transmission in Nanotechnology," presented at the Nanobank Research Conference, Cambridge, Massachusetts, May 2008. Co-authored with Lee, S., and Kim, J.
- "Incentives in Academia," presented at the Asian Conference on Applied Micro-Economics/Econometrics, Seoul, Korea, December 2007. Co-authored with Courty, P.
- "Incentives in Academia," presented at the IZA/CEPR European Summer Symposium in Labour Economics (ESSLE), Buch am Ammersee, Germany, September 2007. Co-authored with Courty, P.
- "The Influence of University Research on Industrial Innovation," presented at the Society of Labor Economists Annual Meeting, Chicago, Illinois, May 2007. Co-authored with Kim, J., and Lee, S.
- "International Knowledge Flows: Evidence from an Inventor-Firm Matched Data Set," presented at the Society of Labor Economists Annual Meeting, Chicago, Illinois, May 2007. Co-authored with Kim, J., and Lee, S.
- "Inventive Activity and Scholarship in Academe: Complements or Substitutes?" presented at the Society of Labor Economists Annual Meeting, Chicago, Illinois, May 2007. Co-authored with Goldfarb, B., and Smith, A.
- "The Influence of University Research on Industrial Innovation," presented at the Association for Public Policy Analysis and Management Research Conference, Washington, D.C., November 2006. Co-authored with Kim, J., and Lee, S.
- "A General Test for Distortions in Performance Measures," presented at the Association for Public Policy Analysis and Management Research Conference, Washington, D.C., November 2006. Co-authored with Courty, P.
- "The Influence of University Research on Industrial Innovation," presented at the Cleveland Federal Reserve Bank Conference on Universities, Innovation, and Economic Growth, Cleveland, Ohio, November 2006. Co-authored with Kim, J., and Lee, S.
- "Matching Data," presented at the National Science Foundation Conference on Using Human Resource Data from Science Resources Statistics to Study the Science and Engineering Workforce, Washington, D.C., October 2006.
- "The Influence of University Research on Industrial Innovation," presented at the National Bureau of Economic Research Summer Institute Conference, Academic Science and Entrepreneurship: Dual Engines of Growth?, Santa Fe, New Mexico, April 2005. Co-authored with Kim, J., and Lee, S.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at the WIPO-OECD Workshop on the Use of Patent Statistics, Geneva, Switzerland, October 2004. Co-authored with Kim, J.
- "The Influence of University Research on Industrial Innovation: Evidence from the Pharmaceutical and Semiconductor Industries," presented at the National Bureau of Economic Research Summer Institute Pre-Conference on Academic Science and Entrepreneurship: Dual Engines of Growth?, Cambridge, Massachusetts, July 2004. Co-authored with Kim, J., and Lee, S.

- "Inventive Activity and Scholarship in Academe: Complements or Substitutes?" presented at the Association for Public Policy Analysis and Management Research Conference, Washington, D.C., November 2003. Co-authored with Goldfarb, B., and Smith, A.
- "Dynamics of Performance Measurement Systems," presented at the National Bureau of Economic Research Summer Institute Conference, Productivity/Organizational Economics/Industrial Organization Joint Meeting, Cambridge, Massachusetts, July 2003. Co-authored with Courty, P.
- "Dynamics of Performance Measurement Systems in JTPA: Exploring How Learning Processes and Rule-Following Preferences Influence Changes in Organizational Rule Systems," presented at the System Dynamics Society 21st International Conference, New York, New York, July 2003. Co-authored with Martinez-Moyano, I.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at the North American Econometric Society Meeting, Chicago, Illinois, June 2003. Co-authored with Kim, J.
- "Making Government Accountable: Some Evidence on the Problem of Measuring Performance," presented at the Association for Public Policy Analysis and Management Research Conference, Washington, D.C., November 2002. Co-authored with Courty, P.
- "Performance Incentives and Organizational Behavior: Evidence from a Federal Bureaucracy," presented at the Association for Public Policy Analysis and Management Research Conference, Washington, D.C., November 2002.
- "The Mobility of Research Personnel and Technological Spillovers," presented at the Society of Labor Economists Annual Meeting, Baltimore, Maryland, May 2002. Co-authored with Kim, J.
- "Performance Incentives with Award Constraints," presented at the Western Economic Association Annual Meeting, San Francisco, California, July 2001. Co-authored with Courty, P.
- "Performance Incentives with Award Constraints," presented at the North American Econometric Society Meeting, College Park, Maryland, June 2001. Co-authored with Courty, P.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at the National Bureau of Economic Research Productivity Conference, Cambridge, Massachusetts, March 2001. Co-authored with Kim, J.
- "The Market for Scientists and the Recent Surge in Patenting," presented at the Southern Economic Association Annual Meeting, special session honoring James J. Heckman, 2000 Nobel Laureate in Economics, November 2000. Co-authored with Kim, J.
- "Explaining the Recent Surge in Patenting," presented at the Midwest Economic Association Annual Meeting, Chicago, Illinois, March 2000. Co-authored with Kim, J.
- "Designing Optimal Award Functions: Theory and Application to a Government Organization," National Academy of Sciences Conference on Devising Incentives to Promote Human Capital, Irvine, California, December 1999. Co-authored with Courty, P (presenter).
- "An Empirical Investigation of Gaming Responses to Performance Incentives," presented at the Centre for Market and Public Organisation Workshop on Incentives in Public

- Sector Organisations, University of Bristol, Bristol, England, November 1999. Co-authored with Courty, P.
- "Performance Incentives and Bureaucratic Behavior: Evidence from a Federal Bureaucracy," presented at the North American Econometric Society Meeting, Madison, Wisconsin, June 1999.
- "Performance Incentives and Bureaucratic Behavior: Evidence from a Federal Bureaucracy," presented at the Society of Labor Economists Annual Meeting, Cambridge, Massachusetts, May 1999.
- "Performance Incentives and Bureaucratic Behavior: Evidence from a Federal Bureaucracy," presented at the Royal Economic Society Annual Meeting, Nottingham, England, March 1999.
- "An Empirical Investigation of Gaming Responses to Performance Incentives," presented at the Midwest Economic Association Annual Meeting, Chicago, Illinois, March 1998. Co-authored with Courty, P.
- "Measuring Government Performance: Lessons from a Federal Bureaucracy," presented at the American Economic Association Annual Meeting, New Orleans, Louisiana, January 1997. Co-authored with Courty, P.
- "Moral Hazard under Incentive Schemes: The Case of a Federal Bureaucracy," presented at the Seventh Karl Eller Center Business/Academic Dialogue, University of Arizona, May 1995. Co-authored with Courty, P.
- "Bureaucratic Incentives and Behavior: The Case of JTPA," presented at the Western Economic Association Annual Meeting, Lake Tahoe, California, June 1993.

***Invited lectures and presentations in academic seminars***

- "Worker Mobility, R&D Human Capital, and Firm Productivity," presented at Boston University, Boston, Massachusetts, December 2022. Co-authored with Barth, E., Davis, J. C., Diethorn, H., and Wang, A.
- "Age and the Quantity and Quality of Science: Evidence from Big Data on Biomedical Scientists," presented at Rensselaer Polytechnic Institute, Troy, New York, October 31, 2017. Co-authored with Yu, H., Ross, M. B., Staudt, J., and Weinberg, B. A.
- "NIH Research Funding and Regional Economic Impacts," presented at the Productivity Seminar, National Bureau of Economic Research, Cambridge, Massachusetts, March 2013. Co-authored with Freeman, R., and Wang, A.
- "Teamwork in Science: Evidence from Patent Data," presented at the IZA Economics Seminar, Institute for the Study of Labor (IZA), Bonn, Germany, November 2010. Co-authored with Kim, J.
- "Teamwork in Science: Evidence from Patent Data," presented at Binghamton University, Binghamton, New York, November 2010. Co-authored with Kim, J.
- "Teamwork in Science: Evidence from Patent Data," presented at Bocconi University, Milan, Italy, November 2010. Co-authored with Kim, J.
- "Booms and Busts in NIH Funding and Their Effects on the Health Sciences," presented at the Productivity Seminar, National Bureau of Economic Research, Cambridge, Massachusetts, May 2010. Co-authored with Freeman, R. B., and Wang, A.

- "The Influence of University Research on Industrial Innovation," presented at the European University Institute, Florence, Italy, May 2006. Co-authored with Lee, S., and Kim, J.
- "Incentives in the Public Sector," invited lectures presented during a week-long visit to the Higher School of Economics, Moscow, Russia, April 2006.
- "Scientific Teams in Commercial R&D Laboratories: Evidence from U.S. Patent Data," presented at the Productivity Seminar, National Bureau of Economic Research, Cambridge, Massachusetts, April 2006. Co-authored with Kim, J.
- "A General Test of Gaming," presented during at the Institute for the Study of Labor (IZA), Bonn, Germany, March 2005. Co-authored with Courty, P.
- "The Influence of University Research on Industrial Innovation," presented at the University of British Columbia, Vancouver, Canada, October 2005. Co-authored with Lee, S., and Kim, J.
- "Research Scientist Productivity and Firm Size: Evidence from Panel Data on Inventors," presented at Rensselaer Polytechnic Institute, Troy, New York, March 2004. Co-authored with Kim, J., and Lee, S.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at the University of Maryland, College Park, Maryland, March 2003. Co-authored with Kim, J.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at London Business School, London, United Kingdom, November 2001. Co-authored with Kim, J.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at Ohio State University, Columbus, Ohio, November 2001. Co-authored with Kim, J.
- "Labor Mobility of Scientists, Technological Diffusion, and the Firm's Patenting Decision," presented at Union College, Schenectady, New York, October 2001. Co-authored with Kim, J.

Marschke presented research seminars at the following institutions prior to 2000 (specific titles and dates are not available): Case Western University (Cleveland, OH); Milken Institute (Santa Monica, CA); University of Arizona (Tucson, AZ); University at Buffalo, SUNY (Buffalo, NY); University of Bristol (Bristol, UK); University of Chicago (Chicago, IL); University of Rochester (Rochester, NY); W.E. Upjohn Institute (Kalamazoo, MI).

## TEACHING

### **Courses offered and semester taught (University at Albany only)**

#### *Undergraduate Courses*

Economics of Science and Technology (Economics, ECO 480/580, shared resource), S12  
 Environmental Economics (Economics, ECO 385) S99  
 Intermediate Microeconomics (Economics, ECO 300) S25

Labor Economics (Economics, ECO 370) S00, F01, F03, F06, F07, F11, S12, F13, S13, S14, F15, S15, S16, F16, S17, F17, S18, F18, S19, F19, S20, F20, S21, F22, S22, S23, S24, F25

#### *Graduate Courses*

Economics of Science and Technology (Economics, ECO480/580, shared resource) S12  
 Economic and Financial Theory (Public Admin. & Policy, PhD, PAD 703) F99, S01, S02, S03, S04, F04, S06, S07, S08, S11  
 Labor Economics (Economics, PhD, ECO 750/802) F00, F02, F04, S05, S07, F10, F12, F15, F17, F19, F23  
 Microeconomics (Economics, MA, ECO 500) F11, F12, F13, F16, F18, F20, F22, F23, F24, F25  
 Performance Measurement and Contracting in Government (Public Admin. & Policy, MPA/MPP, PAD 532) F07  
 Principles of Public Economics (Public Admin. & Policy, MPA/MPP, PAD 503) F99, S00, F00, F01, S01, F02, F03, S05, S06, F06, S07, S08, S11  
 Quantitative Methods (Public Admin. & Policy, PhD, PAD 705) S02  
 Science and Innovation Policy (Public Admin. & Policy, MPA, PhD, PAD 649) F10  
 Topics in Applied Economics (Economics, PhD, ECO 803) F24

#### **New courses created (University at Albany only)**

Performance Measurement and Contracting in Government (Public Admin. & Policy, MPA/MPP, taught as PAD 532)  
 Science and Innovation Policy (Public Admin. & Policy, MPA, PhD, taught as PAD 649)  
 Economics of Science and Technology (Economics, taught as ECO480/580, shared resource)

#### **Courses taught at other universities**

Markets and Market Policy (Harvard, Kennedy School, MPP, API 101), 2008  
 Microeconomic Theory (Harvard, Kennedy/FAS/Business, PhD, API-112/Econ 2020b/HBS 4011), 2009  
 Environmental Economics (Buffalo, Economics, Undergraduate) 1996-1997  
 Intermediate Microeconomics (Buffalo, Economics, Undergraduate) 1996-1997  
 Organizational Economics (Buffalo, Economics, Undergraduate) 1996-1997

#### **Students supervised**

##### *Post-doctoral*

Diethorn, Holden, 2020-3 (Supervisor)

##### *Ph.D. (graduation year listed)*

Ivashchenko, Oleg, in progress (Dissertation chair)  
 Zhang, Yaxu, in progress (Dissertation chair)  
 Mayca, Max, 2025 (Dissertation chair)  
 Noh, Kyoungah, 2025 (Dissertation co-chair)

Qi, Quan, 2025 (Dissertation committee member)  
 Talukder, Jayanta, 2023 (Dissertation committee member)  
 Hao, Mengdi, 2023 (Dissertation committee member)  
 Jang, Min, 2022 (Dissertation committee member)  
 Nunez, Allison, 2022 (Dissertation chair)  
 Sung, Won, 2022 (Dissertation committee member)  
 Ramaprasad, Savita, 2020 (Dissertation committee member)  
 Diethorn, Holden, 2020 (Dissertation chair)  
 Yu, Huifeng, 2019 (Dissertation chair)  
 Kang, Gusang, 2018 (Dissertation chair)  
 Cheng, Na, 2016 (Dissertation chair)  
 Zhou, Sifan, 2015 (Dissertation chair)  
 Nguyen, Dung Kieu, 2014 (Dissertation chair)  
 Gu, Gyojeong, 2014 (Dissertation chair)  
 Song, Fang, 2014 (Dissertation committee member)  
 Li, Lei, 2013 (Dissertation committee member)  
 Chung, Hyuk, 2013 (Dissertation committee member)  
 Dindaroglu, Burak, 2010 (Dissertation chair)  
 Kim, Do Han, 2009 (Dissertation committee member)  
 Pal, Santanu, 2006 (Dissertation committee member)  
 Sadhu, Santadarshan, 2006 (Dissertation committee member)  
 Martinez-Moyano, Ignacio, 2005 (Dissertation committee member)  
 Song, Xueda, 2004 (Dissertation chair)  
 Yao, Vincent, 2004 (Dissertation committee member)  
 Roy, Anusuya, 2003 (Dissertation committee member)

*Master's (graduation year listed)*

Kelley, Patrick, 2020 (Master's thesis advisor)  
 Triggs, Charlotte, in progress (Master's thesis advisor)

*Undergraduate*

Allen, Breanna, 2020 (Undergraduate honors thesis advisor)  
 Yang, Enhao, 2020 (Undergraduate honors thesis advisor)

*Awards students received*

Kyoungah Noh (Ph.D. in progress), NBER's Innovation Research Boot Camp (IRBC) sponsorship, 2023  
 Allison Nunez (Ph.D. 2022) Distinguished Dissertation Award (UAlbany), 2022-2023  
 Sifan Zhou (Ph.D. 2015), National Science Foundation Doctoral Dissertation Research Improvement Grant, 2013

## **SERVICE**

### **Department service<sup>4</sup>**

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<sup>4</sup> After 2011, all departmental service is in Economics.

Chair, 2026-

Graduate studies Ph.D. Subcommittee, member, 2025-2026

Pong Lee Committee, Chair, 2025-2026

Placement Committee, member, 2025-2026

Budget Committee, member, 2024

7-Year Review Committee, coordinator, 2024-2025

Summer Ph.D. Research Brown Bag, co-lead, 2022, 2023, 2024

Publicity/Web committee, member, 2023–2024

Economics MA committee, member, 2016–2019, 2022-2024

Personnel Committee, member, 2022–2023

International Macro/Trade Faculty Search Committee, chair, 2020–2021

Web/Publicity committee, chair, 2019–2020

Environmental Economist Faculty Search Committee, chair, 2017–2018

Financial Economist/Econometrician Faculty Search Committee, chair, 2016–2017

International Economist Faculty Search Committee, chair, 2015–2016

Economics MA, program director, Economics 2011–2016

Byoung Park Renewal Committee, member, 2015

Applied Microeconomics Faculty Search Committee, chair, 2012–2013

2020 Proposal drafting/submission, co-lead, Economics, 2011–2012

Public Economics Faculty Search Committee, member, Public Administration & Policy, 2008–2009

Ph.D. Program Director, Public Administration & Policy, 2004–2005

Marketing Advisory Board, member, Public Administration & Policy, 2004–2005

Faculty Recruitment Committee, member, Public Administration & Policy, 2004–2005

IT Commons Line Proposal Committee, member, Economics, 2004–2005

Undergraduate Studies Committee, member, Economics, 2004–2005

Faculty Recruitment Committee, chair, Economics, 2005–2006

Ph.D. Program Director, Public Administration & Policy, 2002–2005

Undergraduate Studies Committee, member, Economics, 2002–2005

Visiting Faculty Search Committee, chair, Public Administration & Policy, 2002

Graduate Studies M.A. Subcommittee, member, Economics, 2001–2002

Faculty Search Committee, member, Economics, 2001

MPA Admissions Committee, member, Public Administration & Policy, 1999–2002

Ph.D. Program Admissions Committee, member, Public Administration & Policy, 1999

Faculty Chair Search Committee, member, Public Administration & Policy, 1999

Strategic Planning Committee, member, Public Administration & Policy, 1998

### **School/College Service**

Advisor, MPP Compact Planning, Rockefeller College, 2015

Academic Program Director, Undergraduate Public Policy and Management, Rockefeller College, 2010–2011

ITS Liaison Committee, member, Rockefeller College, 2006–2008

ITS Staff Recruitment Committee, member, Rockefeller College, 2007–2008

Grievance Committee, member, Rockefeller College, 2001

Husted Hall Rehabilitation Committee, member, Rockefeller College, 1999–2000

## University level

Council on Research, committee member 2025-  
 Open Access Policy Implementation Working Group, committee member, 2022–present  
 Facilities Management and Research Foundation Space Survey project, survey taker, 2023  
 Open Access Policy Working Group, committee member, 2018–2020  
 Middle States Workgroup 6, committee member, 2018–2020  
 Open Access Policy Working Group, guest speaker, 2019  
 Libraries, Information Services, and Computing, committee member, 2017–2019  
 University Senate, faculty representative, 2017–2019  
 Educational Technology Advisory Group, committee member, 2018  
 Presidential Innovation Fund for Research and Scholarship, grant proposal reviewer, 2016  
 Faculty Search Steering Committee, member, 2007–2008  
 Intercollegiate Athletic Advisory Board, faculty representative, 2004–2005  
 Research Council, faculty representative, 2003–2004  
 Faculty Mentor Program for undergraduates, participant, 2001–2002, 2003–2004  
 ITS Liaison Committee, member, 2004–2005  
 University Senate, faculty representative (including service on Research Council, FRAP ad hoc committee, Governance Committee, and Governance Assessment Council), 2003–2005  
 Professional Development Seminar for assistant professors, invited speaker, 2004

## Professional service

### *Advisory Committees and Review Panels*

Ad hoc consultant, National Advisory General Medical Sciences Council, NIGMS/NIH, 2022-2023  
 Committee Member, Advance Resource Coordination Network (ARC), Columbus, Ohio, 2020-2023  
 Member, U.S. Census: IMI Documentation Testers, Suitland, Maryland, 2016  
 Panelist, Review Panel, National Science Foundation, 2022, 2021, 2019, 2012  
 Panelist, Review Panel, National Institute of General Medical Sciences, 2012  
 Member, Study Group, National Institute of General Medical Sciences, 2011  
 Board Member, Human Resources Experts Panel, Division of Science Resources Statistics, National Science Foundation, 2006-2009

### *Reviewer for non-Federal Grants*

Reviewer, Smith Richardson Foundation (Grant Proposal), 2024  
 Reviewer, Social Science and Humanities Research Council of Canada (Grant Proposal), 2009

### *Referee Activity (Books)*

Reviewer, Routledge Publishing (Textbook), 2024

Reviewer, Oxford University Press (Book), 2020, 2013-2015

*Referee Activity (Journals)*

Reviewer, *Harvard Data Science Review*, 2021  
 Reviewer, *Labour Economics*, 2021, 2007  
 Reviewer, *Journal of Labor Economics*, 2020, 2015, 2013, 2006, 2005  
 Reviewer, *PLOS One*, 2020, 2019, 2018  
 Reviewer, *Public Performance and Management Review*, 2019  
 Reviewer, *Economic Journal*, 2018, 2007  
 Reviewer, *Management Science*, 2017, 2012  
 Reviewer, *Journal of Human Capital*, 2016  
 Reviewer, *Industrial Innovation*, 2015, 2012  
 Reviewer, *International Journal of Manpower*, 2015  
 Reviewer, *Strategic Management Journal*, 2014, 2013  
 Reviewer, *Research Policy*, 2013, 2025  
 Reviewer, *American Economic Journal: Applied Economics*, 2013  
 Reviewer, *Journal of Policy Analysis and Management*, 2011, 2007, 2006  
 Reviewer, *Administration and Society*, 2011  
 Reviewer, *European Economic Review*, 2011  
 Reviewer, *Managerial and Decision Economics*, 2011  
 Reviewer, *Journal of Law, Economics, and Organization*, 2010, 2009  
 Reviewer, *British Journal of Industrial Relations*, 2010  
 Reviewer, *Journal of Political Economy*, 2009, 2008  
 Reviewer, *Journal of Public Administration Research and Theory*, 2008, 2006  
 Reviewer, *Journal of Economics and Management Strategy*, 2007  
 Reviewer, *Review of Economics and Statistics*, 2005  
 Reviewer, *Journal of Politics*, 2004  
 Reviewer, *Economics Letters*, 2002  
 Reviewer, *International Monetary Fund Staff Papers*, 2002  
 Reviewer, *Contemporary Economic Policy*, 1999

*External Reviewer for Promotion and Awards*

External reviewer, faculty promotion case, Binghamton University, Binghamton, NY  
 2013  
 External reviewer, faculty promotion case, Indiana University, South Bend, IN 2009  
 Committee member, H. Gregg Lewis Award, *Journal of Labor Economics*, 2008

*Conference and Workshop Organization*

Organizing committee member, ARC Network Emerging Research Themes Workshop,  
 “Using Big Data and Algorithms to Foster Equity in STEM,” Phoenix, Arizona,  
 December 2021  
 Session organizer, “R&D Agglomeration, Spillovers, and Recombination Mechanisms  
 and Implications for Productivity and Growth,” American Economic Association  
 meetings, Chicago, Illinois, January 2017

Co-organizer, Conference "Toward an R&D Agenda for the New Administration and Congress: Perspectives from Scientists and Economists," Washington, D.C., March 2009

Co-organizer, NSF Conference on Linking NSF Scientist and Engineering Data to Scientific Productivity Data, Arlington, Virginia, February 2008

Session chair, "Empirical Innovation," North American Econometric Society meetings, Chicago, Illinois, June 2003

Session chair, "Immigration and its Implications," Midwest Economic Association meetings, Nashville, Tennessee, March 1999

*Invited Panels and Public Engagement*

Panelist, "Economic Perspectives on Technical Emergence," Global TechMining Conference, Atlanta, Georgia, September 2015

Panelist, "How Can PIs Manage the End of ARRA," Conference "How Can We Maintain Biomedical Research and Development at the End of ARRA," Cold Spring Harbor Laboratory, Huntington, New York, April 2010

Panelist, "Where to from here? Future priorities for patent statistics and analysis," WIPO-OECD Workshop on the Use of Patent Statistics, Geneva, Switzerland, October 2004

**PROFESSIONAL AFFILIATIONS**

American Economic Association, 1996-present

Society of Labor Economists, 1996-present