JULIA LANE

JULIA.LANE@NYU.EDU • JULIALANE.ORG

MAY 2015 – PRESENT

Professor, Wagner School of Public Policy (Since January 2025, Professor Emerita), New York University

- Established a Data Literacy and Evidence Building Certificate (joint with Frauke Kreuter at the University of Maryland)
- Established the pilot for the Coleridge Initiative (joint with Frauke Kreuter, Rayid Ghani, and Clayton Hunter)
- Developed the Applied Data Analytics training programs (joint with Frauke Kreuter, Rayid Ghani, and Clayton Hunter)
- Developed the Democratizing Data platform
- Established the Administrative Data Research Facility

JAN 2024 – JAN 2025

Senior Policy Advisor, National Institute of Standards and Technology

Advised on the Presidential Executive Order on Artificial Intelligence

JUN 2023 – JUL 2024

Visiting Fellow, RTI International

2018 – 2022

CEO (co-founder) of the Coleridge Initiative

The Coleridge Initiative is a nonprofit organization working with governments to ensure that data are more effectively used for public decision-making. It provides a platform to securely link confidential data within and across states and agencies, and by providing data literacy training to agency staff.

APR 2012 – MAY 2015

Senior Managing Economist and Institute Fellow, American Institutes for Research

- Established the Center for Science of Science and Innovation Policy
- Established the Patentsview project (with Stuart Graham, Alan Marco and Evgeny Klochikhin)
- Developed and implemented (in conjunction with Rayid Ghani and Ian Foster) a successful Computational Data Analysis in Federal Agencies class offered by the Computer Science Department at the University of Chicago and the American Institutes for Research
- Cofounded the Institute for Research on Innovation and Science (IRIS) at the University of Michigan

JAN 2008 – MAR 2012

Senior Program Director, Science of Science and Innovation Policy Program, National Science Foundation

- Developed and managed the Science of Science and Innovation Policy program
- Built the multi-agency, multi-university Consortium "Science and Technology for America's Reinvestment: Measuring the Effects of Research on Innovation, Competitiveness and Science" (STAR METRICS) program with a budget of $3 million
- Conceptualized the establishment of the ScienCV program (with Wally Schaffer and the Science of Science Policy Interagency Group)
- Developed and implemented tools to meet NSF and White House strategic goals

JULIA LANE

JULIA.LANE@NYU.EDU • JULIALANE.ORG

SEP 2005 – JAN 2008

Senior Vice President and Director, Economics, Labor, and Population; NORC at the University of Chicago

- Managed the Economics Department
- Conceptualized and led the establishment of the NORC/University of Chicago remote access data enclave

SEP 2004 – DEC 2005

Program Director, Economics, National Science Foundation

- Managed and allocated resources for the Economics program portfolio
- Created a new million funding opportunity for the National Science Foundation "Next Generation Cybertools" solicitation

JAN 2000 – AUG 2004

Director, Employment Dynamics Program and Principal Research Associate, The Urban Institute

- Led the creation and permanent establishment of the Longitudinal Employer-Household Dynamics Program at the U.S. Census Bureau. It is now a permanent Census Bureau program with appropriated funds of $11 million/year. It has also received a Department of Commerce Gold Medal
- Developed a research agenda that generated over $15 million in grants and contracts from a variety of foundations, national and international agencies

MAY 1992 – DEC 2006

The World Bank (consultancies and on sabbatical)

Education and Social Policy unit

- Analyzed and documented the return on education investment in the Philippines, Tanzania and Nadu, India

Private Sector Development unit

- Led a major skill needs project for Malaysia
- Designed and implemented evaluations in Mexico, Morocco, Tunisia, Madagascar

JAN 1984 – MAY 1990

Assistant and Associate Professor of Economics, University of Louisville

- Established the Center for Business and Economic Research
- Received several awards for research

DEC 1982 – DEC 1983

Assistant Professor of Economics, Western Illinois University

SELECTED PROFESSIONAL ACTIVITIES

Selected Honors, Fellowships and Awards

Society of Labor Economists Prize for Contributions to Data and Measurement, 2025
American Statistical Association, Celebrating Women in Statistics and Data Science, 2024
Fellow, National Academy of Public Administration, 2023
Government Innovation Award, 2018 for ADRF
New Zealand Association of Economists, Distinguished Fellow, 2018
Warren E. Miller Award for Meritorious Service to the Social Sciences, ICPSR, University of Michigan, 2017
Fellow, International Statistical Institute
Fellow, American Association for the Advancement of Science
Fellow, Society of Economic Measurement
Roger Herriot Award, American Statistical Association, 2014
Julius Shiskin Award, American Statistical Association, 2014
Gutenberg Chair, University of Strasbourg, 2014
Fellow, American Statistical Association, 2009
National Association of State Workforce Agencies Vladimir Chavrid Award, 2004
Senior Research Fellow, Census Bureau 1998–2004 (expanding the LEHD program)
ASA/NSF Census Fellow 1997–1998 (developing the precursor to the LEHD program)
Research Fellow, IZA (Institute for the Study of Labor, Bonn Germany)

Most Recent Editorial Boards

Associate Editor, Harvard Data Science Review
Editorial Advisory Board: *Science and Public Policy*, Oxford University Press
Associate Editor, PLOS ONE
Advisory Editor: *Research Policy*
Associate Editor: Journal of Policy Analysis and Management

Selected Professional Service

US National Institutes of Health

- Advisory Committee on Science of Science Policy

US National Science Foundation

- Advisory Committee for Advanced Cyberinfrastructure (ACCI) 2024–2026
  - ACCI NAIRR Pilot Subcommittee

United Kingdom Data Service

- Programme Advisory Board

German Business, Economic, and Related (BERD) at NFDI (Nationale Forschungsdaten Infrastruktur)

- Advisory Board

US Department of Labor

- Workforce Innovation Advisory Council (reporting to Secretary of Labor) 2023–2026

OSTP/OMB Service, Executive Office of the President

- National AI Research Resource Task Force, 2021–2023
- Advisory Committee on Data for Evidence Building, 2020–2022
- Senior Advisor, OMB/OFCIO, Federal Data Strategy 2019–2021
- President's Council of Advisors on Science and Technology Working group on Review of National Nanotechnology Initiative 2014
- White House National Science and Technology Council; Cochair (with Bill Valdez) the Science of Science Policy Interagency group (chartered by the Subcommittee of Social and Behavioral Sciences of the National Science and Technology Council) 2008–2011

Others

- National Network for Critical Technology Assessment (managed by Carnegie Mellon University, 2022–2023
- Office of Advanced Cyberinfrastructure (Committee of Visitors), 2022
- AAPOR Big Data Task Force 2014–2015
- American Statistical Association, Chair, Subcommittee on Privacy and Confidentiality 2012–2014; Fellows Subcommittee 2011–2013
- American Association for the Advancement of Science, Chair, 2016, Section K, Social Economic and Political Sciences
- National Academies of Science, Engineering and Medicine: Transportation Research Board 2013; Committee on Revisions to the Common Rule for the Protection of Human Subjects in Research in the Behavioral and Social Sciences 2013; Career Paths of Engineers 2014–2015; Improving the American Community Survey 2016; "Envisioning the Data Science Discipline: The Undergraduate Perspective", 2018

International

- Advisory Board BERD@NFDI: NFDI Consortium for Business, Economic and Related Data
- Research Councils UK International Panel; International Review of eScience 2009
- German Wissenschaftsrat (National Academies equivalent): Roadmap for Social Science and Humanities Research Infrastructure 2009–2010; Roadmap for Science Research Infrastructure 2011-2012; Sciencebased Energy Research Challenges 2012–2013
- OECD/Global Science Forum; Expert group on data infrastructure

PUBLICATIONS

BOOKS AND COMPENDIA

Authored

Data Literacy and Evidence Building (open source and available here)
Co-authored with Anna-Carolina Haensch, Ben Feder, Angela Tombari and Frauke Kreuter, Leanpub, 2024

Democratizing Our Data: A Manifesto
MIT Press, July 2020

SELECTED MEDIA

- Scientific Sense podcast
- If Data Could Talk podcast
- Hitting the Books: America needs a new public data system (July 2020) *Engadget*
- Video: Who controls pandemic data? (July 2020) *The Conversation*
- After Covid-19, the US statistical system needs to change (July 2020) *Royal Statistical Society*

REVIEWS

- Democracy suffers when government statistics fail, Beth Simone Noveck (September 2020) *Nature*
- A Case for Democratizing Public Data, Henggao Cai (August 2023) *Monthly Labor Review*
- Book Review: Democratizing Our Data: A Manifesto, Alejandro Alvarado Rojas (July 2021) *Sage Journals*
- *Publishers' Weekly* (07/06/2020)
- Hitting the Books: America needs a new public data system, Andrew Tarantola (July 2020) *Engadget*
- Democracies need to collect data to work properly. The US isn't doing a good job, Excerpted in Salon (September 2020)

Where Are All the Good Jobs Going? What National and Local Job Quality and Dynamics Mean for U.S. Workers

Co-authored with Harry Holzer and David Rosenblum, Russell Sage Press, 2011

REVIEWS

- Matching good people and good jobs, Stephen E. Baldwin (October 2011) *Monthly Labor Review*
- Review by Susan Houseman (March 2012) *Journal of Economic Literature*
- Review by Arne L. Kalleberg (December 2012) *Contemporary Sociology*
- Review by Arindrajit Dube (July 2013) *ILR Review*

Economic Turbulence: Is A Volatile Economy Good for America?

Co-authored with Clair Brown and John Haltiwanger, University of Chicago Press, 2006

REVIEWS

- Reviewed in *The Wall Street Journal*, *The Economist* blog, *Choice*
- Review by Terry J. Fitzgerald (2007), *The Region*, Federal Reserve Bank of Minneapolis
- Review by Edward M. Gramlich (2007) *International Review of Economics & Finance* 16 (4): 605–606
- Review by Mitch Renkow (August 2008) *Journal of Regional Science* 48 (3): 673–675
- Listed as an Outstanding Academic Title in the Social and Behavioral Sciences for 2007 by the American Library Association

Moving Up or Moving On: Workers, Firms and Advancement in the Low-Wage Labor Market

Co-authored with Fredrik Andersson and Harry Holzer, Sage Press, 2005

Included in Princeton University Industrial Relations Section: "Noteworthy Books in Industrial Relations and Labor Economics 2005"

REVIEWS

- Review by Timothy J. Bartik, *W.E. Upjohn Institute for Employment Research*
- Review by Helen C. Connolly (Spring 2006) *Political Science Quarterly*

Edited

Rich Search and Discovery for Research Datasets
With Paco Nathan and Ian Mulvany, SAGE press, June 2020

Developing the Basis for Secure and Accessible Data for High Impact Program Management, Policy Development, and Scholarship, The Annals of the American Academy of Political and Social Science Volume 675, Issue 1, January 2018

Measuring the Economic Value of Research: The Case of Food Safety
Co-edited with Kaye Husbands Fealing, Stan Johnson and John King, Cambridge University Press, forthcoming 2018

Big Data and Social Science Research: Theory and Practical Approaches
Co-edited with Ian Foster, Rayid Ghani, Ron Jarmin and Frauke Kreuter, Taylor Francis, 2016
Reviews in *Journal of American Statistical Association*, 112:518, 878-882, DOI: 10.1080/01621459.2017.1325629; *Journal of Statistical Software*), Second edition: August 2020

Privacy, Big Data, and the Public Good: Frameworks for Engagement
Co-edited with Stefan Bender, Helen Nissenbaum and Victoria Stodden, supported by the NYU Center for Urban Science and Progress and the American Statistical Association, Cambridge University Press, 2014 (reviewed in Science November 14, 2014) 346 (6211): 818

The Handbook of Science of Science Policy
Co-edited with Kaye Husbands-Fealing, Jack Marburger, Stephanie Shipp, and Bill Valdez, Stanford University Press, 2011

The Analysis of Firms and Employees: Quantitative and Qualitative Approaches
Co-edited with Stefan Bender, Fredrik Andersson, Kathryn Shaw and Till Von Wachter, NBER, University of Chicago Press, 2008

Confidentiality, Disclosure and Data Access: Theory and Practical Applications for Statistical Agencies
Coedited with Pat Doyle, Laura Zayatz and Jules Theeuwes, North Holland, 2001

The Creation and Analysis of Employer and Employee Matched Data
Part of the North Holland Contributions to Economic Analysis Series. Coedited with John Haltiwanger, Jim Spletzer, Jules Theeuwes and Ken Troske, 1999

Compendia

Food for Thought
Royal Statistical Society data science platform

Democratizing Data: Discovering data use and value for research and policy
Special Issue of Harvard Data Science Review (coedited with Nancy Potok)

ARTICLES PUBLISHED IN REFEREEED JOURNALS

1. "Data-usage descriptors as search metadata: the case of food security data and the National Data Platform" with Lauren Chenarides, Rafael Ladislau, Natasha Noy, Manish Parashar and Simon Porter, Nature, Scientific Data, August 2026
2. How to track the economic impact of public investments in AI, *Nature,* June 2024
3. "An Invisible Hand for Creating Public Value from Data", *Harvard Data Science Review*, with Al Spector and

Mike Stebbins, March 2024

4. Finding what you're looking for: Intuitive labels for data search and discovery, *Harvard Data Science Review* with Christina Zdawcyk, Emilda Rivers, and May Aydin, March 2024
5. Democratizing Data: Our Vision, *Harvard Data Science Review* with Nancy Potok, March 2024
6. Women are Credited Less in Science than Men, *Nature,* with Britta Glennon, Raviv Murciano-Goroff, Bruce Weinberg, Enrico Berkes and Matt Ross, June 2022
7. "Does Federally-Funded Job Training Work? Nonexperimental Estimates of WIA Training Impacts Using Longitudinal Data on Workers and Firms", with Jeff Smith, Harry Holzer, Fredrik Andersson and David Rosenblum, *Journal of Human Resources*, forthcoming
8. The Value of Science, Special Theme (Editors' Overview), *Harvard Data Science Review, 4(2), 2022*, with Frauke Kreuter, Brian Kim and Allison Nunez
9. Data Inventories for the Modern Age? Using Data Science to Open Government Data, with Ernesto Gimeno, Ekaterina Levitskaya, Zheyuan Zhang, and Alberto Zigoni, *Harvard Data Science Review, 4(2), 2022*
10. Interview with Paul Romer, *Harvard Data Science Review*, 4(2), 2022
11. A Value-Driven Approach to Building Data Infrastructures: The Example of the MidWest Collaborative. Cunningham, J., Hui, A., & Putnam, G. (2022). *Harvard Data Science Review*, 4(1)
12. "Enhancing and accelerating social science via automation: Challenges and opportunities." (2020) Yarkoni, T., Eckles, D., Heathers, J., Levenstein, M., Smaldino, P., & Lane, J. I. *Harvard Data Science Review*
13. "A new approach for estimating research impact: An application to French cancer research", with Gerard Chevalier, Christine Chomienne, Nicholas JeanRenaud and Matthew Ross, *Quantitative Science Studies*, 2020
14. Occupational Classifications: A Machine Learning Approach, with Akina Ikudo, Joe Staudt and Bruce Weinberg *Journal of Economic and Social Measurement*, 2019
15. Federal funding of doctoral recipients: What can be learned from linked data, Wan-Ying Chang, Wei Cheng, Bruce Weinberg, *Research Policy*, 2019
16. Proximity and Economic Activity: An Analysis of Vendor-University Transactions", with Nathan Goldschlag, Bruce Weinberg and Nik Zolas, *Journal of Regional Science*, 2018
17. Building an Infrastructure to Support the Use of Federal Administrative Data for Social Science Researchers, *Annals of the American Academy of Political and Social Science,* January 2018
18. "Watch the players, not the scoreboard", *Nature Index*, November 2017
19. A call to action to build social science data infrastructure, Nature Human Behaviour, April 7, 2017
20. Arthur Kennickell and the art and science of measurement, *Journal of the International Association for Official Statistics*, March 2017
21. Fix Incentives, *Nature,* 1 September 2016 537, S20 doi:10.1038/537S20a
22. Big Data for Public Policy: The Quadruple Helix, *Journal of Policy Analysis and Management*, summer 2016, together with Big Data: The Role of Education and Training, *Journal of Policy Analysis and Management*, summer 2016 and Providing Big Data for Evidence-based Policy Making, *Journal of Policy Analysis and Management*, summer 2016 (with Paul Decker)
23. Gender and the Publication Output of Graduate Students, with Michele Pezzoni, Jacques Mairesse and Paula Stephan, PLOS One, January 2016

24. "Big data in survey research: AAPOR task force report", with Lili Japec, Frauke Kreuter, Marcus Berg, Paul Biemer, Paul Decker, Cliff Lampe, Cathy O'Neil and Abe Usher, Public Opinion Quarterly, (2015) 79 (4): 932–951

25. "Wrapping it up in a person: Examining employment and earnings outcomes for PhD recipients", with Nicholas Zolas, Nathan Goldschlag, Ron Jarmin, Paula Stephan, Jason Owen Smith, Rebecca Rosen, Barbara McFadden Allen, Bruce Weinberg, December 11, 2015, *Science* Vol. 350, Issue 6266, pp. 1367-1371 DOI: 10.1126/science.aac5949

26. "New linked data on science investments, the scientific workforce and the economic and scientific results of science", with Jason Owen Smith, Rebecca Rosen and Bruce Weinberg, *Research Policy,* 2015

27. "Do as the Neighbors Do: The Impact of Social Networks on Immigrant Employment," with Fredrik Andersson and Simon Burgess, (2014). *Journal of Labor Research,*

28. "Science Funding and Short-Term Economic Activity", with Bruce Weinberg, Jason Owen-Smith, Rebecca Rosen, Lou Schwarz, Barbara McFadden Allen and Roy Weiss, *Science*, April 4, 2014

29. "Workers' View of the Impact of Trade on Jobs", with Clair Brown and Tim Sturgeon; *Industrial Relations* January 2013

30. "Decomposing the Sources of Earnings Inequality: Assessing the Role of Reallocation", with Fredrik Andersson, Elizabeth Davis, Matthew L. Freedman, Julia I. Lane, Brian P. McCall, L. Kristin Sandusky; *Industrial Relations,* October 2012 (lead article)

31. STAR METRICS and the Science of Science Policy", with Mark Largent, *Research Policy Review*, 2012

32. "Overview of the Science of Science Policy Symposium", with Dan Black, *Journal of Policy Analysis and Management*, 2012

33. "Measuring the Results of Science Investments", with Stefano Bertuzzi, *Science*, Volume 331, pages 678-680, February 11, 2011

34. "Lost Jobs and Health Insurance: An Analysis of the Impact of Employment Volatility on Firm provided Health Insurance Coverage", with Fredrik Andersson, Iben Bolvig and Matt Freedman, *Applied Economics*, Volume 43, Issue 23, pages 3051–3073, 2011

35. "Balancing Access to Data and Privacy. A review of the issues and approaches for the future", with Claudia Schur, *Health Services Research*, Volume 45, Issue 5, pages 1456–1467, October 2010

36. "Let's Make Science Metrics More Scientific", *Nature*, Volume 464, pages 488–489, March 25, 2010

37. "Assessing the Impact of Science Funding", *Science,* Volume 324. no. 5932, pp. 1273–1275, 5 June 2009

38. "Product Market Competition and Human Resource Practices: An Analysis of the Retail Food Sector", with Elizabeth Davis, Matthew Freedman, Brian McCall, Nicole Nestoriak and Tim Park, *Industrial Relations*, Volume 48.2 pages 350-371, 2009.

39. "Reaching for the Stars: Paying for Talent in Innovative Industries", with Fredrik Andersson, Matthew Freedman, John Haltiwanger, and Kathy Shaw (NBER working paper W12435), *The Economic Journal,* Volume 119 Issue 538, Pages F308 - F332, 2009

40. "Matching, Reallocation and Changes in Earnings Dispersion", with Simon Burgess and Kevin McKinney, *Oxford Bulletin of Economics and Statistics,* Volume 71, pages 91–110, 2009

41. "Confidentiality in a CyberWorld", with Pascal Heus and Tim Mulcahy, *Transactions in Data Privacy*, Volume 1, Issue 1, pages 2–16, 2009

42. "Introduction to Special Issue "Firms and Employees", with Stefan Bender, *Labour Economics*, Volume 15, Issue 4, pages 660–661, 2009
43. "New Data for Economic Geographers", with Matt Freedman and Marc Roemer, *Journal of Official Statistics*, Volume 24 133–156, March 2008
44. "Optimizing Access to Micro Data", *Journal of Official Statistics, Volume* 23 pages 299-317, September 2007.
45. "Wages, Productivity and the Dynamic Interaction of Businesses and Workers", with J. Haltiwanger and J. Spletzer, *Labour Economics* Volume 14, Issue 3, Pages 575-602, June 2007
46. "Using Worker Flows in the Analysis of the Firm", with Gary Benedetto, John Haltiwanger, and Kevin McKinney, *Journal of Business and Economic Statistics*, Volume 25, No. 3, pp.299-313, July 2007
47. "Cities, Matching and the Productivity Gains of Agglomeration", with Fredrik Andersson and Simon Burgess, *Journal of Urban Economics,* pages 112-128, January 2007
48. "The Dynamics of Worker Reallocation: A Markov Approach" with Amos Golan and Erika McEntarfer, *Economica*, Volume 74, No. 293, pages 1-20, January 2007
49. "Employer-Employee Linked Data: A New Frontier in Regional Data Analysis", with Bryce Stephens, *International Regional Science Review*, Volume 29 Issue 3, pages 264-277, July 2006
50. "Escaping Poverty for Low-Wage Workers: The Role of Employer Characteristics and Changes", with Harry Holzer and Lars Vilhuber, *Industrial and Labor Relations Review*, 57(4), 560-578, July 2004
51. "Integrated Longitudinal Employee-Employer Data for the United States", with John Abowd and John Haltiwanger, *American Economic Review*, Volume 94, pages 224–229, May 2004
52. "Pathways to Work for Low Income Workers: The Effect of Work in the Temporary Help Industry", with Kelly Mikelson, Pat Sharkey and Doug Wissoker, *Journal of Policy Analysis and Management*, Volume 22, pages 581–598, Fall 2003
53. "The Efficient Use of Time in Education" with Benoit Millot, *Education Economics* Volume 10 Issue 2, pages 209–28, August 2002
54. "Do Labor Strategies Matter? An Analysis of Two Enterprise Level Datasets in China", with Robert Feinberg and Harry Broadman, *International Journal of the Economics of Business*, Volume 9 Issue 2, pages 225–237, July 2002
55. "Churning dynamics: an analysis of hires and separations at the employer level", with Simon Burgess and David Stevens, *Labour Economics* Volume 8 Issue 1, pages 1–14, 2001
56. "Welfare-to-Work Outcomes: The Role of the Employer", with David Stevens, *Southern Economic Journal* Volume 67, Issue 4, pages 1010–1021, April 2001
57. "Job Flows and Worker Flows in the Life Cycle of the Firm" with Simon Burgess and David Stevens *Oxford Bulletin of Economics and Statistics* Volume 62, pages 885–908, December 2000
58. "Job Flows, Worker Flows and Churning" with Simon Burgess and David Stevens, *Journal of Labor Economics*, Volume 18, pages 473–502, July 2000
59. "High Wage and Low Wage Jobs: The Role of Employers in Earnings Inequality" with Jules Theeuwes and David Stevens, *Review of Income and Wealth*, Volume 46, Issue 2, pages 213–230, June 2000
60. "Labor Markets and Public Policy: The Case of Morocco", with Guillermo Hakim and Javier Miranda, *World Bank Economic Review* Volume 13, Issue 3, pages 561–578, September 1999
61. "Dropout Intervention in Elementary Education: An Evaluation of Four Interventions", with Jee Peng Tan

and Gerard Lassibille, *World Bank Economic Review,* Volume 13, Issue 3, pages 493–508, September 1999

62. "Productivity Differences Across Employers: The Role of Employer Size, Age, and Human Capital", *American Economic Review*, with John Haltiwanger and Jim Spletzer, Volume 89, Issue 2, pages 94–98, May 1999
63. "Hiring Risky Workers: Some Evidence", with Simon Burgess and David Stevens, *Journal of Economics and Management Strategy,* Volume 7, Issue 4, pages 669–676, Fall 1998
64. "Labor Flexibility, Firm ownership and performance in China", with Inderjit Singh and Harry Broadman, *Review of Industrial Organization,* Volume 13, pages 621–635, 1998
65. "Turnover in an Accounting Firm", with Michael Parkin, *Journal of Labor Economics*, Volume 16, Issue 4, pages 702–717, October 1998
66. "Putting Inputs to Work in Education", with Jee Peng Tan and Paul Coustere, *Economic Development and Cultural Change*, Volume 45, Issue 3, pages 857–879, April 1997
67. "Firm Heterogeneity and Worker Turnover" with David Stevens and Alan Isaac, *Review of Industrial Organization*, Volume 11, Issue 3, pages 275–291, June 1996
68. "Worker and Job Flows", with David Stevens and Simon Burgess *Economics Letters*, Volume 51, pages 109–113, 1996
69. "Financial Innovation, New Assets, and the Behavior of Money Demand", with Dennis Glennon, *Journal of Banking and Finance*, Volume 20 Issue 2, pages 207–225, March 1996
70. "Family, Work and Welfare History: Work and Welfare Outcomes" with David Stevens. *American Economic Review*, Volume 85, Issue 2, pages 266–271, May 1995
71. "Shortage or Surplus: Economic and Noneconomic Approaches to the Analysis of Nursing Labor Markets" with Stephan Gohmann, *Southern Economic Journal*, Volume 61, Issue 3, pages 644–653, January 1995
72. "The Measurement and Interpretation of Employment Displacement: New Micro-data Based Results" with David Stevens and Robert Crosslin *Applied Economics*, Volume 26, Issue 6, pages 603–609, June 1994
73. "The Effect of a Minimum Youth Wage in New Zealand" with Raymond Harbridge *New Zealand Journal of Industrial Relations* Volume 18, Issue 3, pages 275–287, December 1993
74. "A Work Profile of Financial Researchers" (with R. Ray, J. Brandi and D. Glennon), *International Journal of Finance*, Volume 6, Issue 1, 1993
75. "Post-operative Vomiting Procedures in IVF Patients: The Effect of Belief and Pneumo Peritoneal Procedures" with Rose Coburn and Keith Harrison, *Australia/New Zealand Journal of Obstetrics and Gynaecology*, Volume 33 Issue 1, 1993
76. "Warranty, Quality and Price in the U.S. Automobile Market", with Evan Douglas and Dennis Glennon, *Applied Economics*, Volume 25, Issue 1, pages 135–142, January 1993
77. "Factors Influencing Academic Research Productivity", with Terry Hancock, Russ Ray and Dennis Glennon) *Interfaces*, pages 25–38, September/October 1992
78. "Embodied Technological Change and Tests of the Internal Adjustment Cost Hypothesis", with Richard McHugh, *Journal of Business and Economic Statistics*, Volume 8, Issue 4, pages 459–465, October 1990
79. "Work Profiles of Research Statisticians", with Dennis Glennon and Russ Ray, *The American Statistician,* Volume 44, pages 9–13, February 1990
80. "Measures of Local Business Climate: Alternative Approaches", with Dennis Glennon and James McCabe, *Regional Science Perspectives*, Volume 19, Issue 1, pages 89–106, Spring 1989

81. "Regional Econometric Forecasting Models that Reflect Aggregate Production Relations", with Dennis Glennon and Stan Johnson, *International Journal of Forecasting*, Volume 3, Issue 2, pages 299–313, 1987
82. "A Multi State Analysis of the Targeted Jobs Tax Credit Program", with Tom Berry, *Applied Economics*, Volume 21, Issues 1, pages 85–95, January 1989
83. "Development Rights and the Differential Assessment of Agricultural Land", with Robert Blewett, *American Journal of Economics & Sociology,* Volume 47, Issue 2, pages 195–206, April 1988
84. "The Estimation of Earnings Profiles in Wrongful Death and Injury Cases: Authors' Reply", with Dennis Glennon, *Journal of Risk and Insurance*, pages 687–695, March 1988
85. "The Age of Capital, the Age of Utilized Capital Tests of the Embodiment Hypothesis Revisited", with Richard McHugh, *Review of Economics and Statistics*, Volume 69, Issue 2, pages 362–368, May 1987
86. "The Decline of Labor Productivity in the 1970's: The Surprising Role of Embodied Technological Change", with Richard McHugh, *Southern Economic Journal*, Volume 53, Issue 4, pages 915–925, April 1987
87. "Imputing a Housewife's Earnings in a Wrongful Death and Injury Case", with Dennis Glennon, *Journal of Risk and Insurance* Volume 53, Issue 4, pages 734–744, December 1986
88. "Pay Equity in Occupations: The Nursing Profession", with LaVonne Straub, *Population Research & Policy Review*, pages 31–45, May 1986
89. "Incorporating Labor Market Structure in Regional Econometric Models", with Dennis Glennon, Stanley Johnson, and Edward Robb, *Applied Economics*, Volume 18, Issue 5, pages 545–556, May 1986
90. "The Estimation of Earnings Profiles in Wrongful Death and Injury Cases", with Dennis Glennon, *Journal of Risk and Insurance* Volume 55, Issue 1, pages168-180, December 1985
91. "Hospital Market Structure and the Return to Nursing Education", with LaVonne Booton, *Journal of Human Resources* pages 183-196, Spring 1985
92. "An Empirical Estimate of the Effects of Labor-Market Distortions on the Factor Content of U.S. Trade", *Journal of International Economics.* pages 187-193, February 1985
93. "The Embodiment Hypothesis: An Interregional Test" with Richard McHugh, *Review of Economics and Statistics*, pages 323-327, May 1983

BOOK CHAPTERS

1. A Roadmap to a Nationwide Data Infrastructure for Evidence-Based Policymaking with Andrew Reamer December 21, 2017; pp. 28–35 in *The ANNALS of the American Academy of Political and Social Scienc*e Volume 675, Issue 1
2. Building an Infrastructure to Support the Use of Government Administrative Data for Program Performance and Social Science Research pp. 240–252 in *The ANNALS of the American Academy of Political and Social Scienc*e Volume 675, Issue 1
3. The Conceptual and Empirical Framework, with Nathan Goldschlag, Bruce Weinberg and Bruce Weinberg in *Measuring the Economic Value of Research: The Case of Food Safety,* Kaye Husbands Fealing, Julia Lane, John King, Stanley Johnson Eds, Cambridge University Press, 2018
4. Identifying Food Safety Related Research, with Evgeny Klochikhin in *Measuring the Economic Value of Research: The Case of Food Safety,* Kaye Husbands Fealing, Julia Lane, John King, Stanley Johnson Eds, Cambridge University Press, 2018

5. The Structure of Research Funding, with Reza Sattari, and Chia-Hsuan Yang in *Measuring the Economic Value of Research: The Case of Food Safety,* Kaye Husbands Fealing, Julia Lane, John King, Stanley Johnson Eds, Cambridge University Press, 2018
6. The Food Safety Research Workforce and Economic Outcomes, with Matthew Ross and Akina Ikudo in *Measuring the Economic Value of Research: The Case of Food Safety,* Kaye Husbands Fealing, Julia Lane, John King, Stanley Johnson Eds, Cambridge University Press, 2018
7. The Link Between University R&D, Human Capital and Business Startups, with Nathan Goldschlag, Ron Jarmin and Nikolas Zolas, *NBER CRIW volume on The Measurement and Diffusion of Innovation*, Carol Corrado, Dan Sichel and Javier Miranda (eds), forthcoming.
8. Policy Analysis in Policy Advisory Committees, *Policy Analysis in the United States*, John Hird (ed) in the *International Library of Policy Analysis* series, 2017
9. "Privacy and Confidentiality" in Big Data and Social Science: A Practical Guide to Methods and Tools, Taylor Francis, 2016
10. "Science and Innovation Policy" in the *Oxford Research Encyclopedia of Business and Management*, Oxford University Press, 2017
11. Editors' Introduction in *Privacy, Big Data, and the Public Good: Frameworks for Engagement*, co-edited with Stefan Bender, Helen Nissenbaum and Victoria Stodden, Cambridge University Press, 2014
12. "STAR METRICS" with Rebecca Rosen in Ethics, Science, Technology, and Engineering: An International Resource, 2nd edition. Macmillan, 2014
13. "Science Metrics and Science Policy" with Mark Largent and Rebecca Rosen in *Next Generation Metrics: Harnessing Multidimensional Indicators of Scholarly Performance*, edited by Blaise Cronin and Cassidy Sugimoto*,* MIT Press, 2013
14. "The Science of Science Policy" with Kaye Husbands Fealing and John King in Bainbridge (ed) *Leadership in Science and Technology: A Reference Handbook*, Sage Press, 2011
15. "Protecting Confidentiality" *World Wide Research: Reshaping the Sciences and Humanities*, Dutton, W. H., and Jeffreys, P. W. (eds), Cambridge, MA: The MIT Press, 2010
16. "Temporary Help Agencies and the Advancement Prospects of Low Earners" with Harry Holzer and Fredrik Andersson, in *Labor Market Intermediaries*, David Autor (ed), NBER, University of Chicago Press, 2009
17. "Linking Administrative and Survey Data" in *The Handbook of Survey Research* in Peter Marsden and Jim Wright (eds), Emerald University Press, 2010
18. "Inequality and the Labour Market – Employers" in the *Oxford Handbook on Economic Inequality,* Wiemer Salverda, Brian Nolan and Tim Smeeding, (eds), Oxford University Press, 2009
19. "Introduction" with Stefan Bender, Fredrik Andersson, Kathryn Shaw and Till Von Wachter, *The Analysis of Firms and Employees: Quantitative and Qualitative Approaches*, co-edited with Stefan Bender, Fredrik Andersson, Kathryn Shaw and Till Von Wachter, NBER, University of Chicago Press, 2008
20. "Wage Structure and Labor Mobility in the United States" with John Abowd and John Haltiwanger in *An International Comparison of the Structure of WagesI*, Ed Lazear and Kathy Shaw (eds). NBER/University of Chicago Press, 2008
21. "Data Protection and Data Utility: Evidence from the Survey of Consumer Finances" with Arthur Kennickell, in *Privacy in Statistical* Databases Lecture Notes in Computer Science, Josep Domingo-Ferrer

and Vincenc Torra (eds.), New York: Springer-Verlag, 2006

22. "The Relationship Among Human Capital, Productivity and Market Value: Building Up from Micro Evidence", with John Abowd, John Haltiwanger, Ron Jarmin, Paul Lengermann, Kristin McCue, Kevin McKinney and Kristin Sandusky *Measuring Capital in the New Economy,* in Carol Corrado, John Haltiwanger and Dan Sichel (eds), University of Chicago Press, 2005
23. "Too Many Cooks? Tracking Internal Labor Market Dynamics in Food Service with Case Studies and Quantitative Data" with Phil Moss, Chris Tilly and Hal Salzman, in *The Future of Work: How and Why Low-wage Jobs are Changing* Eileen Appelbaum, Annette Bernhardt and Richard Murnane, (eds), Russell Sage Foundation, New York, 2004
24. "New Approaches to Confidentiality Protection: Synthetic Data, Remote Access and Research Data Centers", with John Abowd in *Privacy in Statistical Databases 2004* Josep Domingo-Ferrer and Vincenc Torra (eds.) New York: Springer-Verlag, 2004
25. "Introduction" with Pat Doyle, Laura Zayatz and Jules Theeuwes in *Confidentiality, Disclosure and Data Access: Theory and Practical Applications for Statistical Agencies,* Pat Doyle, Julia Lane, Laura Zayatz and Jules Theeuwes (eds), North Holland, 2001
26. "Business Perceptions of Confidentiality" with Nick Greenia and J. Bradford Jensen in *Confidentiality, Disclosure and Data Access: Theory and Practical Applications for Statistical Agencies,* Pat Doyle, Julia Lane, Laura Zayatz and Jules Theeuwes (eds), North Holland, 2001
27. "What Factors Affect a Low Wage Worker's Ability to Become Selfsufficient or Progress in the Labor Market: The Role of Job Turnover" in *The Low Wage Labor Market*: *Challenges and Opportunities for Selfsufficiency*, Demetra Nightingale (ed), Urban Institute Press, 1999
28. "The Effect of Worker Reallocation on Earnings Dispersion: Longitudinal Evidence from Linked Data" with Jim Spletzer, Javier Miranda and Simon Burgess in *The Creation and Analysis of Employer and Employee Matched Data,* John Haltiwanger, Julia Lane, Jim Spletzer, Jules Theeuwes and Ken Troske (eds) North Holland, 1999
29. "Sources of Earnings Dispersion in a Linked Employer-Employee Dataset: Evidence from Norway" with Simon Burgess and Kjell Salvanes in *The Creation and Analysis of Employer and Employee Matched Data,* John Haltiwanger, Julia Lane, Jim Spletzer, Jules Theeuwes and Ken Troske (eds) North Holland, 1999
30. "Job Flows and Worker Flows: Issues and Evidence from a Panel of US Firms" with Simon Burgess and David Stevens in *Flow Analysis of Labor Markets: International Perspectives* (ed) R. Schettkatt, Routledge, London. 1996
31. "Input-Output Restrictions, Regional Structural Models, and Economic Forecasts" with Dennis Glennon, in *New Directions in Regional Analysis, Integrated and Multiregional Approaches,* Luc Anselin and Moss Madden (eds.), Belhaven Press, 1990

MONOGRAPHS AND POLICY BRIEFS

1. The Industry of Ideas: Measuring How Artificial Intelligence Changes Labor Markets, American Enterprise Institute, June 2023
2. Reimagining Labor Market Information: A National Collaborative for Local Workforce Information, American Enterprise Institute, March 2023
3. "Work in Temp Agencies: Path Forward or Way Back?" with Harry Holzer and Fredrik Andersson, *Vox*, October 2007
4. "Too Many Cooks?" with Phil Moss, Hal Salzman and Chris Tilly, *Regional Review*, Boston Federal Reserve,

Quarter 4, 2003 / Quarter 1, 2004

5. "Worker Advancement in the Low-Wage Labor Market: The Importance of 'Good Jobs" with Harry Holzer and Fredrik Andersson, Brookings Institution, 2003
6. "Small Business Employment Dynamics Revisited" with David Stevens *in Small Consolation: The Dubious Benefits of Small Business for Job Growth and Wages*, Economic Policy Institute, 1998

ARTICLES PUBLISHED IN NON-REFEREED JOURNALS

1. Reinventing Workforce Data for the Innovation Economy, with Suzette Kent, Govtech, March 19, 2026
2. America's Workforce Desperately needs a Data Overhaul, MIT Press Reader, 2024
3. A Vision for Democratizing Data, Issues in Science and Technology, October 2022
4. Enhancing and accelerating social science via automation: Challenges and opportunities, with Tal Yarkoni Dean Eckles James Heathers Margaret Levenstein Paul Smaldino SocArXiv papers, January 2019
5. "UMETRICS as a tool for quantifying the value of research and assessing underrepresentation", with Bruce Weinberg, Rebecca Rosen, Jason Owen Smith and Barbara McFadden Allen, Association for Women in Science, Summer 2015
6. "Science Funding – Do We Know What We Get for Our Money?", with Jason Owen Smith, Congressional Roll Call Quarterly. September 19, 2014
7. "Privacy, Confidentiality and Big Data", *Chance*, 2012
8. "Big Data and Science Policy", *Research Trends,* 2012
9. "A comment on Gerald W. Gates's How Uncertainty about Privacy and Confidentiality Is Hampering Efforts to More Effectively Use Administrative Records in Producing U.S., National Statistics", *Journal of Privacy and Confidentiality*, 2011
10. "E-Infrastructure adoption in the social sciences and humanities: cross-national evidence", with Franz Barjak, Zack Kertcher Meik Poschen, Rob Procter and Simon Robinson, *Information, Communication and Society*, 2009
11. "Case Studies of e-Infrastructure Adoption", with Franz Barjak, Zack Kertcher Meik Poschen, Rob Procter and Simon Robinson, *Social Science Computer Review*, April 2009
12. "Access to Research Data" essay in World Wide Science Promises, Threats and Realities How e-Research Will Reconfigure Access to Information, Expertise and Tools in the Sciences and Humanities, Oxford Internet Institute, Oxford, England, 2007
13. "The Economics of Data Confidentiality", with John Abowd, *International Comparison Program* newsletter, World Bank, July 2007
14. "Establishment Wage Differentials", with Laurie Salmon and Jim Spletzer, *Monthly Labor Review*, April 2007
15. "Supermarket Human Resource Practices and Competition from Mass Merchandisers" with Elizabeth Davis, Matthew Freedman, Brian McCall, Nicole Nestoriak, and Timothy Park, *American Journal of Agricultural Economics* (proceedings) Vol. 88 Issue 5 Page 1289, December 2006
16. "Developing Confidential Data Enclaves for Statistical Data", Norman Bradburn, Randy Horton and Mike Tilkin in *Proceedings of Second International Conference on e-Social Science*, 2006
17. "E-Science Investments in the Social and Behavioral Sciences at the National Science Foundation: An Overview of Projects, Programs, and Policy Issues" with Lawrence Burton in *Proceedings of First International Conference on e-Social Science,* 2005
18. "New Social and Economic Indicators for Local Areas Without Increasing Respondent Burden", *Proceedings of International Statistical Institute*, 2005
19. "The Uses of MicroData" in *Statistical Confidentiality and Access to Microdata*, United Nations Economic Commission for Europe, United Nations, Geneva, 2003

20. "Overview of the New Zealand Conference on Database Integration and Linked Employer -Employee Data" with Tim Maloney, *New Zealand Economic Papers*, June 2002
21. "Perceptions Of Confidentiality Protection at Statistical Agencies: Some Evidence from Data on Businesses and Households", with Nicholas Greenia and Diane Willimack in *Statistical Journal of the United Nations Economic Commission for Europe*, 18(4) 2001
22. "Overview of the International Symposium on Linked Employer-Employee Data" with John Haltiwanger, Jim Spletzer, Jules Theeuwes and Ken Troske, *Monthly Labor Review*, pg. 48–49, July 1998
23. "Linking Industrial and Household Surveys in Developing Countries: Alternative Approaches" in *Proceedings of the International Association of Survey Statisticians*, 1998
24. "The Uses of Longitudinal Matched Employer/Employee Data in Labor Market Analysis" with Jules Theeuwes and Simon Burgess, *Proceedings of the American Statistical Association*, 1998
25. "Training Differences and Earnings Inequality", with R. Lerman, *VierteIJahrsHefte zur Wirstchaftsforschung*, 1/2 1994
26. "'Free' Markets Prove Costly in New Zealand", with Peter Lane, Challenge, Volume 34, Issue 5, pages 42–48 September/October 1991

WORKING PAPERS

1. The Effect of Fiscal Stimulus: Evidence from COVID-19, with Miguel Garza Casado, Britta Glennon, David McQuown, Daniel Rich, and Bruce A. Weinberg, NBER, August 2020
2. Money for Something: The Links between Research Funding and Innovation, Glennon, Britta and Lane, Julia and Sodhi, Ridhima, July 2018

SELECTED REPORTS

1. The Industry of Ideas: Measuring How Artificial Intelligence Changes Labor Markets, American Enterprise Institute, June 2023
2. Reimagining Labor Market Information: A National Collaborative for Local Workforce Information, American Enterprise Institute, March 2023
3. A Vision for Democratizing Government Data, Issues in Science and Technology, VOL. XXXIX, NO. 1, FALL 2022
4. New measurement of innovation, with Jason Owen Smith, Bruce Weinberg and Joe Staudt, Center for Economic Studies Annual Report, 2018
5. Accelerating Transition to Virtual Research Organization in Social Science (AVROSS). M4 Final Report. Olten: FHNW. With Barjak, F., Wiegand, G., Lane, J., Kertcher, Z., Poschen, M., Procter, R., Robinson, S., Mentrup, A., 2007
6. The Labor Market Trajectories of 20–24-year-old Veterans, U.S. Department of Labor, Veterans Employment and Training Service
7. Employer Provided Health Insurance: What can be learned from the Form 5500, Final Report, Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services
8. Successful Transitions out of Low-Wage Work for Temporary Assistance for Needy Families (TANF) Recipients: The Role of Employers, Coworkers, and Location, Final Report Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services
9. Low-Income and Low-Skilled Workers' Involvement in Nonstandard Employment Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services

JULIA.LANE@NYU.EDU • JULIALANE.ORG

OTHER PROFESSIONAL WORK

SELECTED GRANTS AND CONTRACTS

Academic

1. Google Research "Developing measures of trust in data: The case of the links between investments in R&D and workforce skills" $160,000
2. Microsoft Research "The empirical relationship between investments in R&D and workforce development" $150,000
3. National Science Foundation "Expanding the Industries of Ideas: Understanding the link between research investments, jobs, and skills", (joint with University of Michigan and Ohio State University) 2025-2028, $10,024,230
4. Intergovernmental Personnel Act, National Institute of Standards and Technology, 2024 $551,800
5. Executive Certificate in Data Literacy and Evidence Building, Accenture, 2023, $250,000
6. USDA National Agricultural Statistics Service 2022-2024 The 5Ws of Data, $210,000
7. USDA Economic Research Service 2022-2024 The Theory of Change Through Data: Advancing Access to ERS Data, $470,000
8. National Science Foundation "Industries of Ideas" (joint with University of Michigan, Ohio State University and Social Science Research Council) 2023-2025 $4.5 million
9. U.S. Department of Education and National Science Foundation (National Center for Science and Engineering Statistics) "Democratization of Data Analysis", $1.13 million
10. National Science Foundation, National Network for Critical Technology Investment, 2022-23, (Carnegie Mellon prime), $150,000
11. Patrick J. McGovern Foundation, Data as a Public Good, $1 million, 2021-2022
12. Ascendium Educational Foundation "Building Educational Data Infrastructure" $500,000, 2020-2021
13. Bill and Melinda Gates Foundation "ADRF Next Phase - Data Challenge, Expansion, and Sustainability" $7,500,000 2021-2023
14. Overdeck Family Foundation "The Administrative Data Research Facility", $500,000 2020-2021
15. Schmidt Futures UI Claims in the COVID19 Era, $150,000, 2020
16. Bill and Melinda Gates Foundation Connecting Education to the Workforce, $4.4 million, 2019
17. U.S. Department of Agriculture Increasing Accessibility and Value of USDA Food Data Resources - $735,000 additional for 2019-2023
18. National Science Foundation National Center for Science and Engineering Statistics Linking Administrative and Survey Data, 2019-2020, $365,000
19. Health and Human Services, The Administrative Data Research Facility, 2019-202, 975,000
20. Overdeck Family Foundation "The Administrative Data Research Facility", 2019-2020, $500,000
21. National Science Foundation 1932689 "Research funding, organizational context, and transformative research: New insights from new methods and data" (Collaborative with Russell Funk, Raviv Murciano-Goroff and Matt Ross) $ 418,204
22. National Science Foundation 1940967 "Workshop on Finding Datasets for Empirical Research in the Social

Sciences" $10,000

23. U.S. Department of Agriculture Increasing Accessibility and Value of USDA Food Data Resources - $535,000 for 2018-2023
24. Office of Management and Budget Federal Data Strategy, $200,000 2019
25. Schmidt Futures "Education and Workforce Transitions' $500,000, 2018
26. Schmidt Sciences "Rich Context: Integrated Data" with Bryan Granger, $2.2 million, 2018
27. Deutsche Bundesbank "Rich Context: Integrated Data" $250,000, 2018
28. Alfred P. Sloan Foundation "Making Computational Research with Sensitive Data Possible and Valuable" with Bryan Granger and Fernando Perez, 2018 $1.600,000
29. National Science Foundation "New Insights into STEM Pathways: The Role of Peers, Networks, and Demand", 2018, $741,838 (part of $2.5 million collaborative grant with Bruce Weinberg and Jason Owen Smith)
30. Overdeck Family Foundation "The Administrative Data Research Facility", 2017-2018, $580,000
31. Health and Human Services (subcontract from MDRC) 2017 "Promoting and Supporting Innovation in TANF Data" $893,610; Additional $2,758,351 2019.
32. World Bank, "Data Science for Developing Countries", 2018, $180,000
33. Bill and Melinda Gates Foundation "National Data Infrastructure", $185,000
34. Institute National de Cancer 2017 "HELIOS" $75,000
35. Deutsche Bundesbank 2017 "Building Research Data Center Infrastructure" $54,000
36. Ewing Marion Kauffman Foundation, 2017 "Job Creation and Economic Development, $450,000
37. National Science Foundation "Science and Social Science in Graduate Education and Workforce Development" 2016, $499,997 (with Frauke Kreuter and Rayid Ghani)
38. Bill and Melinda Gates Foundation "Roadmapping Conference", $200,000
39. Schmidt Philanthropies "Rich context for powerful search of data on human subjects" $250,000
40. Laura and John Arnold Foundation, 2016 "Data Analytics Lab", $1,244,000
41. US Census Bureau, 2016, "Building a Prototype Data Center", $2,427,000
42. Alfred P Sloan Foundation, 2015 "Developing the CUSP Data Use Facility", $300,000
43. Ewing Marion Kauffman Foundation, 2015 "Innovation Measurement Initiative", $98,641
44. Ewing Marion Kauffman Foundation, 2015 "Kauffman City Data Network" $168,118
45. US Census Bureau, 2015 Intergovernmental Personnel Act, $365,000 2015-2016
46. National Science Foundation: Collaborative Research: STEM Training, Employment in Industry, and Entrepreneurship, with Bruce Weinberg, Ron Jarmin, Josh Hawley and Jason Owen Smith, $2,369,713
47. U.S. Census Bureau, 2014-2015 Intergovernmental Personnel Act, $166,751
48. Institute for Research on Innovation and Science (IRIS), Alfred P. Sloan and Ewing Marion Kauffman Foundations, 2014, $2.5 million with Jason Owen Smith (lead), Bruce Weinberg, James Evans and Ron Jarmin.
49. Scaling Insight into Science: Assessing the value and effectiveness of machine assisted classification within a statistical system, NSF, 2014, $600,000 with James Evans and Jordan Boyd-Graber
50. Assessing the Outputs of Government-Funded University Research: The Case of Food Safety and Security,

USDA,2013, $500,000, with Kaye Husbands Fealing

51. STEM Workforce Training: A Quasi-Experimental Approach Using the Effects of Research Funding, 2013, National Science Foundation, $1,500,000 (with Bruce Weinberg, Chris Morphew, Lee Giles and Vetle Torvik)
52. Building a Social Science Research Community around a new R&D Data Infrastructure, 2013, National Science Foundation, $500,000 (with Jason Owen Smith and Maggie Levenstein)
53. Examining research impact, 2013, Norwegian Research Council, $200,000 (joint with Erling Barth)
54. Scientific collaboration and productivity at the project level, 2013 2014, Sloan Foundation, $795,000 (joint with Paula Stephan, Jacques Mairesse and Lee Fleming)
55. Australian Science, Technology and Research Assessment (ASTRA) University of Melbourne/DIISTRE 2012-2013 $233,000
56. Strategic Impact Evaluation Fund, World Bank $690,000
57. Research R&D platform, Army Research Lab 2012-2013 $250,000
58. US Patent and Trademark Office, Patent Portfolio Visualization tools 2012-2013 $480,000 (two projects); 2014-2019 $$3.8 million
59. Health Investments Observatory (HELIOS), Observatoire des Science et des Techniques, 2012-2013 $130,000
60. Globalization and Economic Insecurity, January 2008-December 2009, Sloan Foundation, $365,000
61. Job Quality and Volatility, Worker Inequality, and Insecurity: Regional Effects, January 2008- December 2009 MacArthur Foundation, $252,000; Ford Foundation $150,000
62. Outreach for the NORC Data Enclave, Kauffman Foundation, $53,000
63. Developing the Remote Access NORC Data Enclave, September 2006- September 2009
    - National Institute for Standards and Technology (Advanced Technology Program), $950,000;
    - USDA $161,000;
    - Kauffman Foundation $250,000
64. A study on requirements and options for accelerating the transition from traditional research to virtual research organisations through e-infrastructures, European Commission, (with Franz Barjak, Simon Robinson and Rob Procter) November 2006-November 2007 €200,000
65. Firms, Workers and Workforce Quality: Implications for Earnings Inequality and Economic Growth, January 1, 2003–Dec 31, 2004, Sloan Foundation (with John Abowd and John Haltiwanger), $1.4 million.
66. Confidentiality Research, May 1 2003–December 31, 2003 National Science Foundation (with John Abowd and George Duncan), $45,000
67. Workers and Firms in the Low-wage Labor Market: Interactions and Long Run Dynamics, Russell Sage Foundation, Rockefeller Foundation, and Department of Health and Human Services (ASPE) to the Urban Institute $700,000, September 1, 2001–August 31, 2003. (with John Abowd, John Haltiwanger, and Harry Holzer)
68. The Demand for Older Workers: Using Linked Employer-Employee Data for Aging Research, National Institute on Aging, R01-AG18854-01, July 1, 2002 - November 30, 2004, $1,753,637 (with John Haltiwanger, Andrew Hildreth, and John Abowd).
69. From Workshop Floor to Workforce Clusters: A New View of the Firm, Alfred P. Sloan Foundation, 99-12-12 to the Urban Institute, March 1, 2000. March 31, 2002, $314,604. (with John Abowd and John Haltiwanger)

70. Dynamic Employer-Household Data and the Social Data Infrastructure, National Science Foundation, SES-9978093 to Cornell University, September 28, 1999. September 27, 2003, $4,084,634. (with John Abowd and John Haltiwanger)
71. The Longitudinal Employer-Household Dynamics Project, National Institute on Aging, interagency funding to the United States Census Bureau, September 1999. August 2001, $490,000. (with John Abowd and John Haltiwanger)

Non-Academic

1. Accenture Executive Certificate in Data Literacy and Evidence Building, 2023, $250,000
2. National Science Foundation, National Center for Science and Engineering Statistics, 2022 "Foreign born Scientists and Engineers" $1,000,000
3. National Science Foundation, National Center for Science and Engineering Statistics, "Integrate Data Analytics Training, Data Linkage Research and Secure Data Access to Promote Evidence-based Science Policy Research" $2,047,000
4. Department of Health and Human Services (with MDRC) Transformative Data Initiative $2.8 million 2019
5. Department of Health and Human Services (with MDRC) Transformative Data Initiative $11 million 2018 (sub $660,000)
6. Health Investments Observatory (HELIOS), Institut National du Cancer, $75,000
7. Strategic Impact Evaluation Fund, World Bank (with Marjorie Chinen), $750,000
8. Research R&D platform, Army Research Lab2012-2013 $250,000
9. US Patent and Trademark Office, Patent Portfolio Visualization tools 2012-2013 $150,000
10. Health Investments Observatory (HELIOS), Observatoire des Science et des Techniques, 2013
11. National Longitudinal Surveys of Youth, Bureau of Labor Statistics, $65 million (coordinated proposal)
12. Quadrennial Review of Military Compensation, Department of Defense, $400,000 (principal investigator)

Other Grants

Rockefeller/Sage Foundation, 1997/9; World Bank Research Grant, 1996/7; 1998/9 Bureau of Labor Statistics 1997; Bureau of the Census 1997, 1999–2001; National Science Foundation 1997, 2003; European Union 1997; Sloan Foundation, 1997, 1999–2002, 2007; National Institute on Aging, 2001-2004; Health and Human Services (ASPE) 2000–2001, 2002, 2003, 2006; (ACF) 2006; Department of Labor (ETA) 2001, 2002, 2003 (VETS) 2006. New Zealand Department of Labor, 2001, 2002; Spencer Foundation, 2006

SELECTED CONFERENCES/WORKSHOPS ORGANIZED

International Symposium on Linked Employer/Employee Datasets, Washington DC 1998 Funded by Sloan Foundation/Census Bureau/BLS/European Union/National Science Foundation; International workshop on Confidentiality, Washington DC, May 1999; Census Bureau (LEHD)/state workshops 2000–2004; Eurostat/UNECE workshop in Skopje Macedonia, March 2001; New Zealand conference on Data Integration and Linked Employer-Employee Data, 2002, NSF confidentiality workshop, 2004; on Program Committee for Eurostat Conference Privacy in Statistical Databases (Barcelona), 2004 (Rome) 2006 (Ankara) 2008; NSF Social, Behavioral and Economics Sciences/Computer and Information Science and Engineering workshop on Cyberinfrastructure, 2005, Second and Third Annual International E-Social Science Conference (Manchester, UK 2006, Ann Arbor, MI 2007); HHS workshop on marriage and the family, 2006; Spencer Foundation workshop on education and social opportunity, 2006; Conference on Firms and Employees, (Nurnberg, Germany 2006); Comparative Analysis of Enterprise Data (Chicago) 2006; (Budapest) 2008, (Tokyo) 2009, Advancing the Study

of Innovation and Globalization in Organizations (Nurnberg) 2009 SciSIP/SOSP: 2008 and 2010 SOSP Interagency conferences; 2011 Bellagio conference (Rockefeller Foundation funded); CIC workshop on research impact, Chicago, 2013; Empirical Foundations of Science and Innovation Policy, 2013, Paris; Research Monitoring workshop, 2014, Brussels; Science of Science Policy, 2014, Ann Arbor; APPAM workshop on big data and public policy, Miami, FL, 2015; Bloomberg Data for Good Exchange, New York, 2016, 2017, 2018; Gates Foundation Roadmapping Conference, Washington DC, 2017; Education and Workforce Transitions, Chicago IL 2018; Measuring Utility and Risk in Privacy, Stanford University, 2019; Rich Context workshop, Washington DC, 2019; MidWest Collaborative, Columbus OH, 2020; National Convening on Jobs Data for Evidence based Policy, Virtual, March 2021; Value of Science, Virtual, June 2021; Workforce and PostSecondary Education, Virtual, June 2021, Workshop on New Approaches to Characterize Industries, Stanford, 2024, Harvard Data Science Institute, Harvard, 2024

SELECTED MAJOR KEYNOTE OR INVITED PLENARY SPEECHES

SELECTED STATISTICS/DATA SCIENCE

- Data Science and Science Policy, Melbourne, Australia, March 2026
- AI4People Summit, European Parliament, Brussels, Belgium, December 2025
- Making a difference through data analytics, The Working Group on Evaluation of Public Policies and Programs (WGEPPP), Bern Switzerland, October 2025
- 9th annual Government of Canada Data Conference, February 2025
- European Open Science Cloud Conference, Berlin, October 2024
- International Population Data Linkage Network, Chicago, September 2024
- Making Data Count, Washington DC, September 2023
- Research Data Framework, NIST, Washington DC, September 2023
- State Higher Education Executive Officers, Denver CO, August 2023
- National Institute on Aging, Future Directions in Data Sharing and Archiving, Virtual, March 2023
- World Data Forum, Bern Switzerland, October 2021
- Second Conference of the European Association for the Digital Humanities, Krasnoyarsk, Siberia, September 2021
- AI/Data Science Conference, NYC, March 2020
- Open Data Science Conference East 2020, April 2020 Boston
- Data Quality as a Challenge: Research in the Age of the Digital Turn, Hannover Germany, February 2020
- Luxembourg Institute of Socio-Economic Research, 50th Anniversary, November 2019
- Australian Social Policy Conference, Sydney, September 2019
- Scientific Literature Knowledge Bases, Amherst, May 2019
- Simons Institute, UC Berkeley, May 2019
- Open Data Science Conference West, San Francisco, 2018
- AWS: Reinvent, Las Vegas, 2018
- BigSurv18 Big Data and Survey Methods, Barcelona, Spain, October 2018
- International Conference on Sustainable Cities, New York, NY May 2018
- Volkswagen Foundation, Herrenhausen Conference, Hannover, Germany, March 2015
- Invited Overview Lecture, Joint Statistical Meetings, 2014

- Conference of European Statisticians, Geneva, Switzerland, 2003
- Statistics Austria, Vienna, Austria, 2003
- Eurostat/UN confidentiality workshop in Skopje Macedonia, 2001

SELECTED SCIENCE OF SCIENCE POLICY

- Federal Demonstration Partnership, 2009, 2010, 2011
- National Council of Research Administrators, 2010
- European Forum on Research and Development Impact, 2009
- NIRPA, 2010
- European Parliament, 2010
- UNCTAD, 2011
- European Forum, Alpbach, Austria, 2011
- Higher Education Policy Institute, Royal Society, UK, 2011
- Measuring Science Investments, Tokyo, 2012
- Measuring Science Investments, Canberra and Melbourne, 2012
- Research Excellence, EU Danish Presidency, Copenhagen, 2012
- OECD, Global Science Forum 20th anniversary, Paris, 2012
- Science of Science and Innovation Policy Principal Investigator Conference, 2012
- New Zealand IceFest, Christchurch, 2012
- The Future of Research Impact, London School of Economics, 2012
- STOA, European Parliament, Strasbourg, 2013
- Science Metrics workshop, European Parliament, Brussels, 2013
- The Future of Impact, DESCRIBE project, London, 2013
- OECD Global Forum of the Knowledge Economy, Istanbul, 2013
- SciELO – Scientific Electronic Library Online, Sao Paolo, Brazil, 2013
- Centre Cournot, Paris, 2014
- euroCRIS conference, Amsterdam, 2014
- Third IMF Statistical Forum, Frankfurt, 2015
- 7th Asia-Pacific Innovation Conference, Fukuoka, Japan, 2016
- Government Economists Network, Wellington, New Zealand, 2016
- HHS/OHRP Research Community Forum, New Jersey, 2017
- Federal Statistical Research Data Center conference, UCLA, 2017
- Society of Research Administrators International 50th annual meeting, Vancouver, British Columbia, 2017

SELECTED ECONOMICS

- Research Conference Employment and Labour Markets, Oslo, Norway, 2001
- New Zealand Association of Economists, Wellington, New Zealand, 2002
- European Union Conference on Low Wage Work, Sandbjerg Denmark, April 2006
- CEOs for Cities, Chicago, September 2007
- Comparative Analysis of Enterprise Data, Budapest, Hungary, May 2008

- Work, Pensions and Labour Economics Group (WPEG) annual conference, Sheffield, UK, July 2008
- Conference on Linked Employer-Employee Data, Budapest, Hungary, May 2009
- Inaugural Distinguished Lecture, RatsWD, Berlin Germany, September 2010
- Australasian Economic/Econometric Society meetings, Tasmania, Australia, July 2014
- Qatar Research Foundation, Doha Qatar, 2016
- Government Economics Network, Wellington, New Zealand, 2016
- Association of Public Opinion Researchers, Denver, Colorado, 2018
- New Zealand Association of Economists, Auckland, New Zealand, 2018
- 8th ZEW/MaCCI Conference on the Economics of Innovation and Patenting, Mannheim, 2019

OTHER HONORS AND AWARDS

- University of Missouri: Teaching Assistant Award, 1982
- University of Louisville School of Business Best Researcher Award, 1985, 1987
- University of Louisville Young Researcher Award, 1988
- College of Arts and Sciences, American University, General Education Teacher of the Year, 1996
- American University First Annual Faculty Member of the Year, 1996 (Student Confederation)
- National Science Foundation Director's Award for Program Management Excellence, 2005
- National Science Foundation Director's Superior Accomplishment Award, 2010
- National Institutes of Health, Central IT Merit Award for Operational Excellence, 2011
- Federal Executive Institute, Senior Executive Training, 2011
- Economic Journal, Winner of Referee Award, 2012

LEGISLATIVE TESTIMONY AND SELECTED MEDIA HIGHLIGHTS

- How trustworthy is data from the government?, CBS News Daily Report
- Knowledge nation and security at risk, NextGov, (with Suzette Kent, Nick Hart, and Nancy Potok) July 25, 2025
- A Disaster for American Innovation, The Atlantic
- DOGE comes for the Data World, The Economist
- Democratizing our Data: A New Approach for Trustworthy Information, The Ideas Lab Top Traders Unplugged
- Trustworthy Tech Dialogues, World Economic Forum "Industries of Ideas"
- America's Workforce Desperately needs a Data Overhaul, MIT Press Reader
- Measuring AI's Impact, The CUSP with Paul Fain
- Celebrating Women in Statistics and Data Science, Highlighted in American Statistical Association
- Democratizing Data: using natural language processing and machine learning to capture dataset usage, Royal Statistical Society
- Eclipsed genius: Despite modest progress, sexism and racism persist in science
  Salon, August 2023
- Interview with Julia Lane
  Times Higher Education, August 2022

- Women are credited less in science than men
  Nature, June 2022
- Study reveals impact of cutting bonus jobless benefits
  Yahoo! Finance, August 2020
- Here's how much a reduction in extra unemployment benefits could slash consumer spending
  MarketWatch, August 2020
- Coronavirus stimulus: Loss of extra $600 unemployment benefits leads to 44% drop in spending
  Yahoo! Finance, August 2020
- Europe bets R&D spending will bring jobs to battered economy
  Science, June 2020
- Making Big Data Work for Society
  Radio New Zealand, June 2018
- What can we learn from the Facebook–Cambridge Analytica scandal?
  Brian Tarran, Significance, May 2018
- A locally based initiative
  Gates Foundation, May 2018
- The Social Sciences Need to Build New Foundations
  Royal Statistical Society, June 2017
- Academic Return
  Nature, May 2016
- Science and math PhDs earn about $65,000 — more than double what arts majors do
  Vox, December 2015
- Where new PhD grads find work — and who earns the most with their degree
  The Washington Post, December 2015
- PhDs pay: study reveals economic benefit of funding doctorates
  The Times Higher Education, December 2015
- Biologists lose out in post-PhD earnings analysis
  Nature, December 2015
- Researchers wrestle with a privacy problem
  Nature, September 2015
- Quest to Put a Value on Medical Research Illustrates the Difficulties of Trying
  Chronicle of Higher Education, August 2015
- A call to action on social science, big data and privacy
  Research Fortnight, November 2014
- Using the Classroom to Bring Big Data to Statistical Agencies
  With Ron Jarmin, Alan Marco and Ian Foster, Amstat News, November 2014
- First Milestone Is Claimed on Long Road to Tracking Science's Economic Value
  The Chronicle of Higher Education, April 2014
- What? Me Worry? What to Do About Privacy, Big Data, and Statistical Research
  With Victoria Stodden, Amstat News, December 2013
- Pour un Access aux Données sur la Recherche Française
  Le Monde, Dec 2013
- How to Make the Most of Science and Technology Investments in Developing Countries
  KFW, German Development Bank, September 2013
- "La gente cree que la I+D es una caja en la que pones dinero y, por arte de magia, genera riqueza"
  Servicio de Información Y Noticias Científicas, April 2013

- Measuring Science: Forum
  Issues in Science and Technology, National Academies, 29.2, 2013
- Is Science Good for the Economy?
  Radio New Zealand, October 2012
- Science funding: Duel to the death
  Nature, August 2012
- What We Don't Know About Innovation
  Region Focus, Federal Reserve Bank of Richmond, First Quarter 2012
- Measuring Chemistry's Impact: NSF program strives to put a value on federally funded research
  Chemical and Engineering News June 2011
- Research intelligence - The bottom line on the research ripple effect
  Times Higher Education Supplement, May 2011
- Promoting Research and Development: The Government's Role
  Ben Bernanke, May 2011
- A Few Words About the Vladimir Chavrid Award
  Economic Principals, December 2010
- Measurement in Economics
  With Arthur Kennickell, AmStat News, 2010

VISITING POSITIONS

Victoria University, Wellington, New Zealand (1987, 1993, 1995); Bond University, Australia (1990, 1994); University of Technology, Sydney, 2000; SOFI, University of Stockholm, Sweden, 1996; IFAU, University of Uppsala, Sweden, 1998; ISUGA, Quimper, France, 2001; New Zealand Department of Labor, 2001, 2002, 2003 ; National Institute on Aging, 2003 – 2004; 1997-1999; Federal Siberian University, 2007; 2011-2012 Office of Science Policy Analysis, Office of the Director, National Institutes of Health (part-time detailee), 2012, Visiting Scholar, University of Melbourne, Australia, 2016 USIAS Fellow; Auckland University of Technology 2019-2023; RTI International, 2023-2024, National Institute of Standards and Technology, 2024

SELECTED PRESENTATIONS

Professional

American Economic Association meetings (1994; 1995; 1996; 1998; 1999;2000; 2001, 2003, 2004, 2005, 2007, 2009, 2012, 2013, 2015, 2017, 2020, 2022); American Statistical Association (almost every year since 1997 and invited overview lecture, 2014); AAPOR, 2018, American Sociological Association (2009, 2010); American Association for the Advancement of Science (2008, 2009, 2011, 2012, 2013, 2014); NBER (productivity group) 2000, 2001 (personnel economics) 2003, (summer institute) 2004; CRIW 2008; Academy of Management (2007, 2008) OECD, various presentations; International Association of Survey Statisticians, 1998; International Statistical Institute (invited) 2005; Universities and research institutes in Austria, Australia, France, Germany, Italy, New Zealand, Sweden, Norway, Denmark, the Netherlands, and England, as well as the US. U.S. Government agencies, such as the Departments of Treasury, Labor, Commerce, and HHS. New Zealand Government agencies, such as Department of Labour, Ministry of Economic Development, and Statistics New Zealand.

World Bank

Government officials in Madagascar, Morocco, Tunisia, Malaysia, Mexico; European Union conference on training in Barcelona, Spain; several units in Washington.

Science of Science Policy

Hundreds of national presentations to research institutions, academic and professional organizations, international institutions.

REFEREE

Nature, Nature Communications, Nature Human Behaviour, Nature Scientific Data, Science, Quarterly Journal of Economics, American Economic Review, Economics Letters, Labour Economics, Economic Development Quarterly, Southern Economic Journal, Oxford Economic Papers, Journal of Regional Science, Journal of Human Resources, Journal of Risk and Insurance, Journal of Economic Education, New Zealand Economic Papers, Applied Economics, Economic Development Quarterly, Journal of Labor Economics, Industrial and Labor Relations Review, Journal of Policy Analysis and Management, Economic Inquiry, Journal of Official Statistics, International Journal of Manpower, British Journal of Industrial Relations, Economic Journal, Communications of the ACM

BOOK REVIEWER

Southern Economic Journal, Journal of Regional Science, OECD Employment Outlook, Labour Economics, Industrial and Labor Relations Review

EDUCATION

Ph.D. University of Missouri, Columbia, Major Area: Economics, Minor Area: German,1982

M.A. University of Missouri, Columbia, Major: Statistics, Minor: Mathematics,1982

B.A. Massey University, New Zealand, Economics and Japanese, 1977

PERSONAL

EMAIL

julia.lane@nyu.edu

PHONE

646 208 4990
301 718 1621

CITIZENSHIPS

United States, United Kingdom, New Zealand

LANGUAGES

Fluent: English, Swedish, German
Limited: French