

**Donna K. Ginther**  
*Curriculum Vitae*

August 2020

**Home Address**

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University of Kansas  
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**Education**

Ph.D. Economics, University of Wisconsin-Madison, 1995.  
M.S. Economics, University of Wisconsin-Madison, 1991.  
B.A. Economics (Honors), University of Wisconsin-Madison, 1987.

**Research Interests**

Labor Economics, Science Policy, Economic Demography and Economics of the Family.  
ORCID ID: 0000-0002-0881-7969; Researcher ID: F-7317-2016

**Professional Experience**

2020— **Roy A. Roberts Distinguished Professor**, Department of Economics, University of Kansas.

2018—2020 **Dean's Professor**, College of Liberal Arts and Sciences, University of Kansas.

2019— **Director**, Institute for Policy & Social Research, University of Kansas.

2009—2018 **Professor**, Department of Economics, University of Kansas.

2002—2009 **Associate Professor**, Department of Economics, University of Kansas.

2008— **Director**, Center for Science, Technology & Economic Policy at the Institute for Policy & Social Research, University of Kansas

2015— **Research Associate**, National Bureau of Economic Research, Cambridge, MA.

2009— **Executive Committee**, Kansas City Area Education Research Consortium.

2010— **Affiliate**, Institute for Research on Poverty, University of Wisconsin-Madison.

2019-- **Associate Investigator**, Life Course Centre, University of Queensland, Australia.

2011—2017 **Associate Editor**, *Economics Bulletin*.

2009—2013 **Board of Trustees**, Southern Economic Association.

2006—2011 **Board Member**, American Economic Association Committee on the Status of Women in the Economics Profession.

2011—2012 **Member**, Advisory Committee to the Director of the National Institutes of Health Working Group on Biomedical Workforce.

2003, 2006 **Visiting Scholar**, Federal Reserve Bank of Atlanta.

2000—2002 **Research Economist and Associate Policy Adviser**, Federal Reserve Bank of Atlanta, Regional Research Team.

1997—2001 **Assistant Professor**, Department of Economics, Washington University.  
1995—1997 **Assistant Professor**, Department of Economics, Southern Methodist University.

## Honors

Shulenburger Award for Innovation in Scholarly Communication, 2018, University of Kansas.

Honor for the Outstanding Progressive Educator (H.O.P.E) Teaching Award finalist, 2016, University of Kansas.

University Scholar Award, 2012, University of Kansas, *for recognition of mid-career scholars who have made significant research contributions to their fields.*

Byron T. Shutz Award for Excellence in Teaching, 2012, University of Kansas.

Leading Light Award, 2012, University of Kansas, *for recognition of grant funding exceeding \$1 million.*

Women of Distinction Calendar, 2010, University of Kansas, *for recognition of mentoring activities.*

Distinguished Teaching Assistant, Department of Economics, University of Wisconsin-Madison. (December 1991 and May 1992).

## Publications

Colvin, Jeffrey D., Richardson, Troy, Ginther, Donna K., Hall, Matt and Chung, Paul J. 2020. "Economy-Sensitive Conditions: Are Some Pediatric Hospitalizations Triggered By Economic Recessions?" *Health Affairs* 39(10): 1783-1791.

Ginther, Donna K., and Heggeness, Misty L. 2020. "Administrative discretion in scientific funding: Evidence from a prestigious postdoctoral training program." *Research Policy*, 49(4). <https://doi.org/10.1016/j.respol.2020.103953>. Also released as NBER Working Paper 26841.

Ginther, Donna K., Currie, Janet M., Blau, Francine D., Croson, Rachel T.A. (2020), "Mentoring matters for women in economics." in S Lundberg (ed.), *Women in Economics*, CEPR Press. Available online at: <https://voxeu.org/content/women-economics>.

Ginther, Donna K., Currie, Janet M., Blau, Francine D., Croson, Rachel T.A. (2020). "Can Mentoring Help Female Assistant Professors in Economics? An Evaluation by Randomized Trial." *American Economic Review Papers and Proceedings* 110: 205-209. Also released as NBER Working Paper 26864.

Hill, Elaine, Slusky, David JG, and Ginther, Donna K. “Medically Necessary but Forbidden: Reproductive Health Care in Catholic-owned Hospitals.” 2019. *Journal of Health Economics* 65: 48-62. <https://doi.org/10.1016/j.jhealeco.2019.02.005>. Also released as NBER Working Paper 23768.

Ginther, Donna K., and Shulamit Kahn (2018). “The Engineering Education-Workforce Continuum.” In the National Academy of Engineering. 2018. *Understanding the Educational and Career Pathways of Engineers*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25284>.

Ceci, Stephen J., Ginther, Donna K., Kahn, Shulamit, and Wendy M. Williams. 2018. “Culture, Sex and Intelligence.” In R. Sternberg (Ed.), *The Nature of Human Intelligence* (pp. 30-48). Cambridge: Cambridge University Press. <https://doi.org/10.1017/9781316817049>.

Kington, Raynard and Donna Ginther. 2018. “Racial and Ethnic Disparities in NIH Funding.” *Scientific American*. Available online at: <https://blogs.scientificamerican.com/voices/racial-and-ethnic-disparities-in-nih-funding/>

Ginther, Donna K., Basner, Jodi, Jensen, Unni, Schnell, Joshua, Kington, Raynard, and Schaffer, Walter T. 2018. “Publications as Predictors of Racial and Ethnic Differences in NIH Research Awards” *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0205929>

Ginther, Donna K. 2018. “Using Data to Inform the Science of Broadening Participation.” *American Behavioral Scientist*. 62(5) 612–624.

Kahn, Shulamit and Donna K. Ginther. 2018. “Women and Science, Technology, Engineering and Mathematics (STEM): Are Differences in Education and Careers due to Stereotypes, Interests or Family?” In *The Oxford Handbook on the Economics of Women*, ed. Susan L. Averett, Laura M. Argys, and Saul D. Hoffman (New York: Oxford University Press. 2018). Also released as NBER Working Paper W23525.

Rosenbloom, Joshua L. and Donna K. Ginther. 2017. “Show Me the Money: Federal R&D Support for Academic Chemistry, 1990-2009.” *Research Policy* 46: 1454-1464. Also released as NBER Working Paper W23555, 2017.

Ginther, Donna K. 2017. “Thoughts on Managing Time and Administrative Work.” *FOCUS: Committee on the Status of Women in the Economics Profession Newsletter* Winter: 1.

Ginther, Donna K. 2017. “Reflections on the Gender Gap.” *The Common Reader*. February 17, 2017. <https://commonreader.wustl.edu/c/reflections-gender-gap/>.

Kahn, Shulamit and Donna K. Ginther. 2017. “The Impact of Postdocs on Early Careers in Biomedicine.” *Nature Biotechnology* 35(1): 90-94.

Ginther, Donna K. 2016. "Towards More Racial & Ethnic Diversity in the Biomedical Workforce." *Cultures Magazine*. 3(4): 21-29.

Ginther, Donna K., Shulamit Kahn and Jessica McCloskey. 2016. "gender and academics." *The New Palgrave Dictionary of Economics*, Eds. Steven N. Durlauf and Lawrence E. Blume, Palgrave Macmillan, 2016, *The New Palgrave Dictionary of Economics Online*, Palgrave Macmillan. 30 December 2016, [http://www.dictionaryofeconomics.com/article?id=pde2016\\_G000220](http://www.dictionaryofeconomics.com/article?id=pde2016_G000220)  
doi:10.1057/10.1057/9780230226203.3967.

Rosenbloom, Joshua L. and Donna K. Ginther. 2016. "The Effectiveness of Social Science Research In Addressing Societal Problems: Broadening Participation in Computing." *Science and Public Policy*. doi: <https://doi.org/10.1093/scipol/scw062> .

Ginther, Donna K., Shulamit Kahn and Walter T. Schaffer. 2016. "Gender, Race, Ethnicity and NIH R01 Research Awards: Is There Evidence of a Double Bind?" *Academic Medicine* 91(8): 1098-1107. doi: 10.1097/ACM.0000000000001278.

Rosenbloom, Joshua L., Ginther, Donna K., Juhl, Ted, and Joseph A. Heppert. 2015. "The Effects of Research & Development Funding on Scientific Productivity: Academic Chemistry, 1990-2009." *PLoS ONE* 10(9): e0138176. doi:10.1371/journal.pone.0138176.

Ginther, Donna K. and Shulamit Kahn. 2015. "Comment on 'Expectations of Brilliance Underlie Gender Distributions Across Academic Disciplines.'" July 24. *Science* 349(6246): 391. doi: 10.1126/science.aaa9632

Ginther, Donna K. 2015. "Storm Clouds on the Career Horizon for Ph.Ds." *Issues in Science and Technology*. 31(4): 74-77.

Kahn, Shulamit and Donna K. Ginther. 2015. "Are Recent Cohorts of Women with Engineering Bachelors Less Likely to Stay in Engineering." *Frontiers in Psychology* 6:1144. doi: 10.3389/fpsyg.2015.01144

Ceci, Stephen J., Ginther, Donna K., Kahn, Shulamit, and Wendy M. Williams. 2015. "Women in Science: The Path to Progress." *Scientific American Mind*, January/February, 26(1): 32-39. doi:10.1038/scientificamericanmind0115-62.

Ceci, Stephen J., Ginther, Donna K., Kahn, Shulamit, and Wendy M. Williams. 2014. "Women in Academic Science: A Changing Landscape." *Psychological Science in the Public Interest* 15(3): 75-141.

Ginther, Donna K. and Shulamit Kahn. 2014. "Academic Women's Careers in the Social Sciences: Progress, Pitfalls and Plateaus." In *The Economics of Economists: Institutional Setting, Individual Incentives, and Future Prospects*, edited by Alessandro Lanteri and Jack Vromen, pages 285-315. Cambridge: Cambridge University Press.

Ginther, Donna K. and Shulamit Kahn. 2013. "Research on Educational and Career Pathways for Women of Color in Academia," in *Seeking Solutions: Maximizing American Talent by Advancing Women of Color in Academia: Summary of A Conference*. Washington, DC: National Academy Press.

Ginther, Donna K. 2013. "Should I Stay or Should I Go Now?" *Committee on the Status of Women in the Economics Profession Newsletter* Winter: 10-12.

Ginther, Donna K., Haak, Laurel, Schaffer, Walter, and Raynard Kington. 2012. "Are Race, Ethnicity, and Medical School Affiliation Associated with NIH R01 Type Award Probability for Physician Investigators?" *Academic Medicine* 87(11): 1516-1524.

Haak, Laurel L., Baker, David, Gordon, Gregg J., Probus, Matthew A., Kannankutty, Nirmala, and Bruce A. Weinberg. 2012. "Standards and Infrastructure for Innovation Data Exchange." *Science*, October 12 338(6104): 196-197.

Ginther, Donna, K. Schaffer, Walter T., Schnell, Joshua, Masimore, Beth, Liu, Faye Haak, Laurel and Raynard Kington. 2011. "Response." *Science* 334(6058): 899-901.

Ginther, Donna, K. Schaffer, Walter T., Schnell, Joshua, Masimore, Beth, Liu, Faye Haak, Laurel and Raynard Kington. 2011. "Race, Ethnicity, and NIH Research Awards." *Science*, August 19, 333(6045): 1015-1019.

Ginther, Donna K. 2010. "An Interview with James J. Heckman." *Macroeconomic Dynamics* 14(4): 548-584.

Ginther, Donna K. 2010. "The Promise and Perils of Interdisciplinary Research." *Committee on the Status of Women in the Economics Profession Newsletter* Spring/Summer: 6-8.

Blau, Francine D., Currie, Janet M., Croson, Rachel T.A., and Donna K. Ginther. 2010. "Can Mentoring Help Female Assistant Professors? Interim Results from a Randomized Trial." *American Economic Review Papers and Proceedings* 100(2): 348-352. NBER Working Paper W15707, January 2010.

Ginther, Donna K. 2010. "A Review of *Women at Work: An Economic Perspective*" edited by Tito Boeri, Daniela Del Boca and Christopher Pissarides. Oxford University Press, Oxford, 2005, xiv + 287 pp., ISBN 0 19 928187 4, £55.00." *British Journal of Industrial Relations* 48(3): 644-646.

Tucker, Donna, Ginther, Donna K., and Julie A. Winkler. 2009. "Gender Issues Among Academic AMS Members: Comparisons with the 1993 Membership Survey." *Bulletin of the American Meteorological Society*, August, 90(8): 1180-1191.

Ginther, Donna K., and Shulamit Kahn. 2009. "Does Science Promote Women? Evidence from Academia 1973-2001." *Science and Engineering Careers in the United*

*States*. Richard B. Freeman and Daniel F. Goroff (eds), Chicago, IL: University of Chicago Press for NBER Science Engineering Workforce Project. NBER Working Paper W12691, November 2006. doi: 10.3386/w12691

Ginther, Donna K. 2007. "Work and Family in Academia: Striking the Balance." *Committee on the Status of Women in the Economics Profession Newsletter*, Spring/Summer: 3.

Björklund, Anders, Ginther, Donna K., and Marianne Sundström. 2007. "Family Structure and Child Outcomes in the USA and Sweden." *Journal of Population Economics*, February, 20(1): 183-201.

Ginther, Donna K. 2006. "Economics of Gendered Distribution of Resources in Academe." in *Biological, Social, and Organizational Components of Success for Women in Science and Engineering: Workshop Report*. Committee on Maximizing the Potential of Women in Academic Science and Engineering. Washington, DC: The National Academies Press. 56-60. doi: [10.17226/11766](https://doi.org/10.17226/11766)

Ginther, Donna K. 2006. "The Economics of Gender Differences in Employment Outcomes in Academia." in *Biological, Social, and Organizational Components of Success for Women in Science and Engineering: Workshop Report*. Committee on Maximizing the Potential of Women in Academic Science and Engineering. Washington, DC: The National Academies Press. 99-112. doi: [10.17226/11766](https://doi.org/10.17226/11766)

Zavodny, Madeline, and Donna K. Ginther. 2005. "Does the Beige Book Move Financial Markets?" *Southern Economic Journal*, July, 72(1): 138-151.

Ginther, Donna K., and Robert Pollak. 2004. "Family Structure and Children's Educational Outcomes: Blended Families, Stylized Facts, and Descriptive Regressions." *Demography* 41(4): 671-696.

Ginther, Donna K. and Shulamit Kahn. 2004. "Women in Economics: Moving Up or Falling Off the Academic Career Ladder?" *Journal of Economic Perspectives* 18(3): 193-214.

Ginther, Donna K. 2004. "Why Women Earn Less: Economic Explanations for the Gender Salary Gap in Science." *AWIS Magazine*, Winter, 33(1): 6-10.

Ginther, Donna K., and K. Patrick Lampani. 2003. "Does Job Displacement Explain Wage Inequality: A Nonparametric Examination." *Journal of Income Distribution* 12(3-4): 131-148.

Ginther, Donna K. 2003. "Is MIT the Exception? Gender Pay Differentials in Academic Science 1973-1997." *Bulletin of Science, Technology, and Society* 23(1): 21-26.

Ginther, Donna K. and Kathy J. Hayes. 2003. "Gender Differences in Salary and Promotion for Faculty in the Humanities." *Journal of Human Resources* 38(1): 34-73.

Ginther, Donna K., and Madeline Zavodny. 2003. *Technology, Growth and the Labor Market*. Norwell, Massachusetts: Kluwer Academic Press.

Ginther, Donna K. 2003. "A Discussion of Skill-Biased Technological Change and Wage Inequality." In *Technology, Growth and the Labor Market* edited by Donna K. Ginther and Madeline Zavodny, *Market*. Norwell, Massachusetts: Kluwer Academic Press. 161-167.

Ginther, Donna K. and Madeline Zavodny. 2002. "Preface: Technology, Growth, and the Labor Market." Federal Reserve Bank of Atlanta *Economic Review* 87(3): v-viii.

Ginther, Donna K. 2002. "Women in the Economics Pipeline: How do we compare to other disciplines?" *Committee on the Status of Women in the Economics Profession Newsletter* Winter: 6-7.

Bierens, Herman and Donna K. Ginther. 2002. "Integrated Conditional Moment Testing of Quantile Regression Models" reprinted in *Studies in Empirical Economics: Economic Applications of Quantile Regression* edited by Bernd Fitzenberger, Roger Koenker, and Jose A.F. Machado. Heidelberg: Physica-Verlag. Pages 307-324.

Bierens, Herman and Donna K. Ginther. 2001. "Integrated Conditional Moment Testing of Quantile Regression Models." *Empirical Economics* 26(1): 307-324.

Dadres, Susan and Donna K. Ginther. 2001. "Regional Research and Development Intensity and Earnings Inequality." *Federal Reserve Bank of Atlanta Economic Review* 86(2):13-26.

Ginther, Donna K., and Madeline Zavodny. 2001. "The Beige Book: Timely Information on the Regional Economy." *Federal Reserve Bank of Atlanta Economic Review* 86(3):19-29.

Ginther, Donna K, and Chinhui Juhn. 2001. "Employment of Women and Demand-Side Forces," in *Research in Labor Economics: Worker Wellbeing in a Changing Labor Market* edited by Solomon W. Polachek. Oxford: Elsevier. Vol. 20: 289-309.

Ginther, Donna K. and Madeline Zavodny. 2001. "Is the Male Marriage Premium Due to Selection? The Effect of Shotgun Weddings on the Return to Marriage." *Journal of Population Economics* 14(2): 313-328.

Ginther, Donna K., Haveman, Robert, and Barbara Wolfe. 2000. "Neighborhood Attributes as Determinants of Children's Outcomes: How Robust are the Relationships?" *The Journal of Human Resources* 35(4): 603-642. doi: 10.2307/146365.

Ginther, Donna K. 2000. "Alternative Estimates of the Effect of Schooling on Earnings." *The Review of Economics and Statistics* 82(1): 103-116.

Ginther, Donna K. 2000. "A Nonparametric Analysis of the U.S. Earnings Distribution," in *Advances in Econometrics: Applying Kernel and Nonparametric Estimation to Economic Topics* edited by Thomas B. Fomby and R. Carter Hill. Stamford, Connecticut: JAI Press. 14: 275-307.

Ginther, Donna K., and Kathy J. Hayes. 1999. "Gender Differences in Salary and Promotion in the Humanities." *American Economic Review Papers and Proceedings* 89(2): 397-402.

Wolfe, Barbara, Haveman, Robert, Ginther, Donna K., and Chong Bum An. 1996. "The "Window Problem" in Studies of Children's Attainments: A Methodological Exploration." *Journal of the American Statistical Association* 91(435): 970-982.

## Research Reports

Ginther, Donna K., Nancy Cayton Myers, Thomas Becker, and Lindsay Elliott Jorgenson. *Growing New Ventures and Jobs in Kansas*. January 2020. Report prepared for the Enterprise Center of Johnson County.

Ginther, Donna K., Patricia Oslund, Genna M. Hurd, and Emily Kennedy. *An Evaluation of the Alfred P. Sloan Awards for Faculty Career Flexibility in Medical Schools*. July 2017. Report prepared for Sloan Foundation.

Ginther, Donna, Patricia Oslund, Rina Na, and Genna Hurd. *The Economic and Social Impacts of Expanding Options in the Kansas Retail Liquor Environment*. March, 2017. Report prepared for Kansas Association for Responsible Liquor Laws.

Ginther, Donna K. and Patricia Oslund. 2017. "An Evaluation of Community College Enrollments." Prepared for the Kansas Board of Regents, December.

Ginther, Donna K. and Patricia Oslund. 2017. "The Success of Transfer Students and Four-Year Starters in Completing Bachelor's Degrees." Prepared for the Kansas Board of Regents, December.

Ginther, Donna K. and Patricia Oslund. 2016. "An Evaluation of the Labor Market Impact of A-OK." Prepared for the Kansas Board of Regents, June.

Ginther, Donna K. and Patricia Oslund. 2016. "An Evaluation of the Labor Market Impact of SB 155." Prepared for the Kansas Board of Regents, June.

Ginther, Donna and Pat Oslund. 1993-2013 Survey of Doctorate Recipients Harmonized Data. Report prepared for NIH. August, 2016.

Ginther, Donna K., Hurd, Genna, Oslund, Patricia, and Xanthippe Wedel. 2016. "The Status of Women in Kansas and the Bi-State Region." Prepared for the Women's Foundation of Greater Kansas City, February.

Ginther, Donna K., Boden, Jennifer, and Patricia Oslund. 2015. "Economic Impact of Immigration in Kansas City and the Bi-state Region." Prepared for the Kauffman Foundation.

Ginther, Donna, Emily Kennedy, and Pat Oslund. *An Evaluation of the Kansas Bioscience Authority Economic Impact Measures*. For Kansas Bioscience Authority. May, 2012.

Ginther, Donna K., Bennesch, Loren, Boden, Jennifer, Kennedy, Emily J., and Patricia Oslund. 2011. "Assessing Impacts: An Evaluation of Funds for Infants and Toddlers." Prepared for Douglas County Child Development Center, September.

Ginther, Donna K., Bennesch, Loren, and Emily J. Kennedy. 2011. "Assessing the Impact of EAP Programs on Employee Productivity: A Literature Review and Analysis." Prepared for JNA Advertising and New Directions, June.

Ginther, Donna K., Frazelle, Sarah, Hurd, Genna, and Laura Stull. 2008. "Technical Education Funding for Kansas and Selected States." Prepared for the Kansas Board of Regents, October.

## Working Papers

"Did Medicaid Expansion Reduce Medical Divorce?" December 2017 (with David Slusky). Under review. Also released as NBER Working paper W23139.

"Fathers' Multiple-Partner Fertility and Childrens' Educational Outcomes" September 2019 (with Astrid Grasdal and Robert Pollak). Revise & resubmit at *Demography*. Also released as NBER Working paper W26242.

"The Impact Of Postdoctoral Fellowships On A Future Independent Career In Federally Funded Biomedical Research." 2018. NBER Working Paper 24508: <http://www.nber.org/papers/w24508> (with Misty Heggeness, Maria Larenas, and Frances Carter-Johnson).

"Does Scientific Invention Lead to Academic Entrepreneurship?" December 2016.

"Does Family Labor Supply Explain the Increase in Unemployment Duration?" June 2016 (with Melinda Pitts and Alex Teney).

"The Salary Gender Gap in Academic Biomedical Salaries" July 2017 (with Shulamit Kahn).

"Why Do Women Leave IT? Examining the Factors Associated with the Gender Gap in Information Technology Occupations." December 2015 (with Joshua Rosenbloom).

“Does Marriage Matter for Children? Assessing the Causal Impact of Legal Marriage,” IZA Discussion Paper 3189 November, 2007 (with Anders Björklund and Marianne Sundström), under review.

“Diversity in Academic Biomedicine: An Evaluation of Education and Career Outcomes with Implications for Policy.” September 2009. (with Walter Schaffer, Joshua Schnell, Beth Masimore, Faye Liu, Laurel Haak and Raynard Kington).

“Does Science Discriminate Against Women? Evidence from Academia, 1973—1997,” Federal Reserve Bank of Atlanta Working Paper 2001-02.

“Does Marriage Lead to Specialization? An Evaluation of Swedish Trends in Adult Earnings Before and After Marriage” 2009 (with Marianne Sundström).

## Funded Research

“How Do State Policies Affect Access to TANF Benefits?” Robert Wood Johnson Foundation grant 76984, \$75,000, 2019-2020 (with Michelle Johnson-Motoyama).

“Collaborative Research: The Effect of State Disinvestment in Higher Education on Research Quality and Returns to Scale in Science Funding.” National Science Foundation SMA-1854849, \$236,790, 2019-2022 (with Joshua Rosenbloom).

“Exploring the Causal Impacts of Economic and Social Safety Net Policies on Child Neglect in the U.S.: Implications for Primary Prevention.” Centers for Disease Control, R01CE002814 \$1,000,000, 2016-2020 (with Michelle Johnson-Motoyama).

“EAGER: Data Infrastructure to Enhance Research on the Scientific Workforce.” National Science Foundation SMA-1647187, \$149,952, 2016-2017.

“EAGER: CeMENT as a Networking Experiment.” National Science Foundation SES-1547054, \$89,655, 2016-2017.

“Examination of Educational & Wage Outcomes for Students Participation in Workforce Training as Compared to Peers.” Kansas Board of Regents & US Department of Labor. \$35,0000, 2016 (with Patricia Oslund).

“Collaborative Research: Understanding Gender Differences in STEM Academic Careers.” National Science Foundation SES-1538797, \$249,996, 2015-2018 (with Shulamit Kahn).

“The Economic Status of Women in Kansas, Missouri, and the Kansas City Metropolitan Area.” Women’s Foundation of Greater Kansas City. 2015 \$25,000.

“Kansas City Research Data Center.” National Science Foundation, \$300,000, 2014-2017 SES-1359527 (with Colleen Heflin, Mark Parry, Robert Strom and Jonathan Willis).

“Gender Differences in Computer Science and Information Technology Majors and Careers.” Alfred P. Sloan Foundation, \$124,999, 2014-2015 (with Joshua Rosenbloom).

“Immigration in the Kansas City Metropolitan Area.” Ewing Marion Kauffman Foundation, \$35,000, 2013-2015 (with Patricia Oslund).

“KC-AERC Investment in the Kansas City Area Education Research Consortium.” KU Strategic Initiative Grant, \$50,000, 2013-2014 (with Leigh Anne Taylor Knight, John Rury and Joseph Heppert).

“The Kansas City Area Education Research Consortium (KC-AERC).” Ewing Marion Kauffman Foundation, \$1,000,000, 2012-2015 (with Leigh Anne Taylor Knight and Joseph Heppert).

“An Evaluation of Sloan Awards for Faculty Career Flexibility in Medical Schools.” Alfred P. Sloan Foundation, Grant number B2011-46, \$125,000, 2011-2016 (with Patricia Oslund).

“Economic and Scientific Effects of Federal Investments in Chemical Science Research.” National Science Foundation, \$499,604, 2011-2016 SMA-1064218 (with Joshua Rosenbloom, Joseph Heppert and Ted Juhl).

“The Kansas City Area Education Research Consortium (KC-AERC).” Ewing Marion Kauffman Foundation, \$600,000, 2011-2012 (with Leigh Anne Taylor Knight and Joseph Heppert).

“Economic Explanations for Gender Differences in Biomedical Careers.” National Institute of Aging, Grant Number 5R01AG036820-04, \$955,728, 2009 – 2013 (with Shulamit Kahn).

“What is the Impact of Science and Engineering Immigration on the U.S. Economy?” Alfred P. Sloan Foundation, \$38,952, 2009 – 2010 (with Serena Huang).

“Establishing the Kansas City Area Education Research Consortium.” Ewing Marion Kauffman Foundation, \$606,233, 2009-2011 (with Joseph Heppert).

“Collaborative Research MOD: Contributions of Foreign Students to Knowledge Creation and Diffusion.” National Science Foundation, Grant Number SBE-0738347, \$294,280, 2007-2010 (with Shulamit Kahn and Megan MacGarvie).

“Collaborative Research: Workshop on linking NSF SED/SDR Data to Scientific Productivity.” National Science Foundation, Grant Number SRS-0725475, \$15,641, 2007-2008 (with Gerald Marschke and Jinyoung Kim).

“Does Innovation Lead to Entrepreneurship.” University of Kansas Center for Research on Entrepreneurial Activity funded by the Kauffman Foundation, \$112,414, 2006-2007.

“Does Marriage in Sweden Affect Child and Adult Outcomes?” (with Anders Björklund and Marianne Sundström). National Institute of Child Health and Development Grant Number 5R03HD048931-02, \$139,584, 2006-2008.

“Entrepreneurship in Science.” University of Kansas Center for Research on Entrepreneurial Activity funded by the Kauffman Foundation, Grant Number FND38490, \$29,468, 2005-2006.

“Gender Differences in Employment Outcomes for Academics in Science and Social Science.” National Science Foundation, Grant Number SES-0353703, \$292,752, 2004-2006.

“Work Activities as Firm-Specific Human Capital: Estimates of the Effects on Wages.” Funded by University of Kansas General Research Fund, \$5888, 2004-2005.

“Do Social Institutions Soften the Blow of Family Dissolution? A Cross-National Comparison of the Effect of Family Structure on Children’s Socioeconomic Outcomes.” Funded by University of Kansas General Research Fund, \$7600, 2003-2004 (with Anders Björklund and Marianne Sundström).

“Alternative Estimates of Field of Study on Earnings: Do Majors Matter?” National Science Foundation, Grant Number SBR-9730705, \$17,995, 1998-99.

“Industry-Specific Human Capital and Wage Inequality: Does Displacement Explain the Dispersion?” Funded by Southern Methodist University Fund for Faculty Excellence, \$3500, 1996 (with K. Patrick Lampani).

## **Professional Activities**

### **Congressional Testimony:**

Testimony before the Working Group on Women in the 21<sup>st</sup> Century Workforce, U.S. House of Representatives, March 28, 2017.

Testimony before the Commission on Evidence-Based Policymaking, Chicago, Illinois, January 5, 2017.

Testimony before the Subcommittee on Research and Science Education of the U.S. House of Representatives on the *Fulfilling the Potential of Women in Academic Science and Engineering Act of 2008*. May 8, 2008.

### **State of Kansas Testimony:**

Testimony on Senate Bill 2006 before the Kansas Senate Commerce Committee, Topeka, KS, March 2019.

Testimony on *Do State TANF Policies Affect Child Abuse and Neglect?* before the Kansas House Children and Seniors, Committee, Topeka, KS, January 2018.

Testimony on *Do State TANF Policies Affect Child Abuse and Neglect?* before the Kansas House Social Services Budget Committee, Topeka, KS, February 2018.

### **Invited Presentations Plenary/Keynote Speaker:**

*Publications as Predictors of Racial and Ethnic Differences in NIH Research Awards.* Keystone Lecture, National Institute of Environmental Health Science. Durham, NC: August 2016.

*Publications as Predictors of Racial and Ethnic Differences in NIH Research Awards.* 2015 Diversity Consortium Annual Meeting. National Harbor, MD, October 2015.

*Race, Ethnicity, and NIH Research Awards.* AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, Georgia, December 2013.

*New Results on Race, Ethnicity and NIH Research Awards: A Case Study in BD2K.* Byron T. Shutz Award for Excellence in Teaching, University of Kansas, Lawrence, KS, February 2013.

*Race, Ethnicity, and NIH Research Awards: A Case Study in Administrative Data to Knowledge (AD2K).* NSF Distinguished Lecture Series in Social, Behavioral and Economic Sciences, Arlington, VA, February 2013.

*Diversity in Academia: What Does the Future Hold,* 5<sup>th</sup> Annual Conference on Understanding Interventions that Broaden Participation in Research Careers, Baltimore, MD, May 2012.

*Diversity in Academic Biomedicine: An Evaluation of Education and Career Outcomes with Implications for Policy,* University of California, Santa Cruz, February 2011.

### **Research Presentations Past 5 Years:**

*Career Prospects in Academic Science and the Rise of Teamwork*

- University of Kansas Medical Center, Kansas City, KS February 2020.
- Association for Public Policy and Management Conference, Denver, CO November 2019.

*Does Peer Review Identify the Best Science? Evidence from an Elite Fellowship Program*

- Association for Public Policy and Management Conference, Washington, DC, November 2018.

*Can Mentoring Help Female Assistant Professors? An Evaluation by Randomized Trial*

- American Economic Association Annual Meetings, January 2020.
- University of Queensland, Brisbane, Australia, June 2018.
- RMIT, Melbourne, Australia, April 2018.

*The Impact of Postdoctoral Fellowships on a Future Independent Career in Federally Funded Biomedical Research*

- Iowa State University, Ames, IA, December 2017.

*Performance Pay and Earnings of High Skilled Workers*

- Southern Economic Association Conference, Tampa, FL, November 2017.

*Do State TANF Policies Affect Child Abuse and Neglect?*

- Virginia Polytechnic Institute and State University, Blacksburg, Virginia, September 2019.
- Kansas Conference on Poverty, Topeka, Kansas, July 2019.
- Institute for Research on Poverty, Madison, Wisconsin, June 2019.
- University of Sydney, Sydney, Australia, May 2018.
- University of New South Wales, Sydney, Australia, May 2018.
- University of Melbourne Institute for Applied Economic and Social Research, Melbourne, Australia, April 2018.
- Association for Public Policy and Management Conference, Chicago, IL, November 2017.
- Childhood Poverty and the Kansas Welfare Crisis, Lawrence, KS, December 2017.

*Sorting Out the Gender Gap for High Skilled Workers*

- Canadian Institute for Advanced Research, Kansas City, MO, June 2017.

*The Determinants of Enrollment Success of Community College Transfer Students*

- Kansas Board of Regents, Topeka, KS, June 2017.

*The Impact of Postdocs on Early Careers in Biomedicine*

- American Association for the Advancement of Science Conference, Boston, MA, February 2017.
- University of Kansas, Department of Ecology and Evolutionary Biology, Lawrence, Kansas, January 2017.

*Does Scientific Invention Lead to Academic Entrepreneurship?*

- Labor Market Implications of Entrepreneurship, Washington, DC, October 2016.
- Society of Labor Economists/ European Association of Labor Economists World Congress, Montreal, Canada, June 2015.

*Career and Technical Education: What is the Impact of A-OK and SB 155?*

- Kansas Board of Regents, Topeka, KS, June 2016.

*Race, Ethnicity & NIH Research Awards: AD2K—Administrative Data to Knowledge*

- NIH and the Science of Science and Innovation Policy, NIH, Bethesda, MD, April 2016.

*Fathers' Multiple-Partner Fertility and Childrens' Educational Outcomes*

- University of Melbourne Institute for Applied Economic and Social Research, Melbourne, Australia, June 2018.
- Population Association of America Conference, Washington, DC, April 2017.
- Economic Demography Workshop at the Population Association of America Conference, Washington, DC, March 2016.

*Why Do Women Leave IT? Examining the Factors Associated with the Gender Gap in Information Technology Occupations.*

- Australian Gender Economics Workshop, Fremantle, Western Australia, February, 2018.
- Upjohn Institute, Kalamazoo, MI, October, 2017.
- Vanderbilt University, Nashville, TN, October, 2017.
- Gender Inequality in STEM Education and Occupations, University of California, Santa Barbara, CA, May 2017.
- Association of Public Policy Analysis & Management, Miami, FL, November 2015.
- Colorado State University, Fort Collins, CO December 2015.

*Where are the Bottlenecks in STEM Majors and Careers in the US?*

- Gender Summit 5 Asia-Pacific 2015, Seoul, South Korea, August 2015.

*The Engineering Education-Workforce Continuum.*

- National Academy of Engineering, *Convocation of Professional Engineering Societies*, Washington, DC, April 2016.

*Publications as Predictors of Racial and Ethnic Differences in NIH Research Awards*

- University of Kentucky, Lexington, KY, April 2015.
- Innovation in an Aging Society, NBER Conference, Cambridge, MA, September 2016.

*Gender, Race and Ethnicity and NIH R01 Research Awards: Is There Evidence of a Double-Bind?*

- Vanderbilt University School of Law, Nashville, TN, April 2015.
- NIH and the Science of Science and Innovation Policy: A Joint NIH-NSF Workshop, April 2016.

**Conferences Organized:**

“What Counts for Economic Development?” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2019.

“Pragmatic Policy: Reforming Kansas Taxes.” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2018.

“Walling Off the Kansas Economy: Trade, Immigration, and Economic Growth.” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2017.

“Reimagining Kansas: Policy Implications Now and in the Future.” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2016.

“Economic Opportunity in Kansas: What Does the Future Hold?” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2015.

“The Affordable Care Act in Kansas: Impacts on People, Business, and Providers” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2014.

“The Kansas Fiscal Experiment—Impacts on Communities,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2013.

“The Kansas Economy: Investing in People, Business and Community,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2012.

“Immigration and the Kansas Economy,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2011.

“Public Education: An Investment in the Kansas Economy,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2010.

CeMENT National Mentoring Workshop, sponsored by CSWEP and American Economic Association, January 2010.

“The Kansas Economy: 2015,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2009.

“Insuring a Healthy Kansas,” sponsored by the Institute for Policy & Social Research at the University of Kansas, October 2008.

“Conference on Linking NSF SED/SDR Data to Scientific Productivity Data,” at the National Science Foundation, New Orleans, February 2008.

CeMENT National Mentoring Workshop, sponsored by CSWEP and National Science Foundation, January 2008.

Economic Demography Workshop at the Population Association of America Conference, March 2004.

“Technology, Growth, and the Labor Market,” co-sponsored by the Federal Reserve Bank of Atlanta and Georgia State University, January 2002.

### **Participated as Discussant or Chair Past 5 Years:**

- National Bureau of Economic Research, July 2019, discussant.
- American Economic Association, January 2019, discussant.
- Southern Economic Association, November 2017, discussant.
- American Economic Association, January 2017, discussant.
- American Economic Association, January 2015, discussant.

### **Refereeing:**

#### **Journals:**

*Academic Medicine, American Economic Review, American Economic Journal: Applied Economics, Annals of Operations Research, Asian Economic Journal, Current Anthropology, Demography, Eastern Economic Journal, Economica, Economic Bulletin, Economic Inquiry, Economics of Education Review, Econometric Reviews, Feminist Economics, Health Economics, Housing Studies, Human Resources Development Quarterly, Industrial and Labor Relations Review, Industrial Relations, International Journal of Manpower, Japanese Economic Review, Journal of Applied Econometrics, Journal of the American Statistical Association, Journal of the American Medical Society, Journal of Asian Economics, Journal of Economic Behavior and Organization, Journal of Economic Literature, Journal of Family Issues, Journal of Human Resources, Journal of Human Capital, Journal of Economic Education, Journal of Labor Economics, Journal of Labor Research, Journal of Macroeconomics, Journal of the American Medical Association, Journal of Marriage and Family, Journal of Personality and Social Psychology, Journal of Population Economics, Journal of Urban Economics, Labour Economics, New England Journal of Medicine, Nonprofit and Voluntary Sector Quarterly, Oxford Research Encyclopedia of Economics, PeerJ, Population Research and Policy Review, Proceedings of the National Academy of Sciences, PLOS Biology, PLOS ONE, Psychological Science, Research in Labor Economics, Research Policy, Review of Economics of the Household, Review of Economics and Statistics, Review of Economic Studies, Scandinavian Economics Journal, Science, Science Advances, Social Forces, Social Science Research, Southern Economics Journal.*

#### **Books/Publishers:**

*Springer-Verlag, University of Chicago Press, Palgrave.*

#### **Foundations and Agencies:**

General Accounting Office, National Academies of Science, National Institute of Child Health and Development, National Institute of General Medical Sciences, National Science Board, National Science Foundation, Netherlands Organization for Scientific Research, Government Accountability Office, MacArthur Foundation and Alfred P. Sloan Foundation.

## Thesis Advising

### Ph.D. Advising

- Adviser: Sifat Adiya, Graduated with Honors, University of Kansas, 2020.  
Carlos Zambrana, University of Kansas, 2019.  
Rina Na, University of Kansas, 2019.  
David Gutierrez, University of Kansas, 2019.  
Jiacheng He, Graduated with Honors, University of Kansas, 2019.  
Jen Boden, University of Kansas, 2019.  
Manuel Pulido, Graduated with Honors, University of Kansas, 2018.  
Asmaa Yaseen, University of Kansas, 2018.  
Jing Fu, University of Kansas, 2017.  
Rachel Childers, Graduated with Honors, University of Kansas, 2016.  
Davut Ayan, Graduated with Honors, University of Kansas, 2016.  
Alex Teney, Graduated with Honors, University of Kansas, 2016.  
Dasha Milakhina, University of Kansas, 2016.  
Serena Hsueh-Chin Huang, University of Kansas, 2011.  
Graduated with Honors. Winner of the Argersinger Prize for Outstanding Ph.D. dissertation in the Social Sciences or Humanities at the University of Kansas.  
Sumanta (Ronnie) Mukherjee, University of Kansas, 2011.  
J. Mark Leonard, University of Kansas, 2007.  
Dylan Rassier, University of Kansas, 2005.  
Susan Dadres, Southern Methodist University, 1998.
- Committee: Greg Leung, University of Kansas, 2020.  
Luis Molinas, University of Kansas, 2019.  
Michael Roberts, University of Kansas, 2018.  
Alexander Castellanos, University of Kansas, 2018.  
Jessica McCloskey, University of Kansas, 2018.  
Zach Raff, University of Kansas, 2016.  
Amanda Kulp, University of Kansas, 2016.  
Han Yu, University of Kansas, 2015.  
Jin-Young Roh, University of Kansas, 2013.  
Charles Bankart, University of Kansas, 2011.

Aarti Bajaj, University of Kansas, 2011.  
Shane Moser, University of Kansas, 2010.  
Ronald Mau, University of Kansas, 2007.  
Donna Garcia, University of Kansas, 2006.  
Sondra Beverly, Washington University, 1999.  
Craig Walker, Southern Methodist University, 1996.

### **Masters Advising**

Adviser: Sarah Frazelle, University of Kansas, 2007.

### **Undergraduate Advising**

Adviser: Keely Marshall, University of Kansas, 2020.  
Noah Colby-George, University of Kansas, 2020.  
Chloe Smith, University of Kansas, 2018.  
John Olson, University of Kansas, 2017.  
Grace Phillips, University of Kansas, 2017.  
Amir Khalegi, University of Kansas, 2017, Undergraduate Research Award Winner.  
Jordan Koch, University of Kansas, 2015. National Science Foundation Graduate Research Fellowship Award.  
Michael Fehn, University of Kansas, 2014.  
Joshua Russell, University of Kansas, 2014.  
Kevin Schnirch, University of Kansas, 2014.  
Jason Ralston, University of Kansas, 2012, Undergraduate Research Award Winner.  
Emily Burgen, University of Kansas, 2011.  
Laura Dague, University of Kansas, 2007, Undergraduate Thesis Award Winner.  
Ankur Rughani, University of Kansas, 2005.  
Stephen Gardner, University of Kansas, 2004.  
Emily Rosenberg, Washington University, 1999.  
Annelise Li, Washington University, 1998.

## **Service**

### **Economics Profession:**

- Chair of Science & Technology Organizing Committee, Association for Public Policy and Management Conference, Denver, CO, November 2019.
- Associate Editor, *Economics Bulletin* 2011—2017.
- Organizing Committee, North American Econometric Society Meetings Conference, St. Louis, MO, June 2017.

- Organizing Committee, Society of Labor Economics Conference, Seattle, WA, May 2016.
- Organizing Committee, North American Econometric Society Meetings Conference, St. Louis, MO, June 2011.
- Organizer of the Committee for the Status of Women in the Economics Profession, CeMENT Mentoring Conference, Atlanta, January 2010.
- Organizer of the Committee for the Status of Women in the Economics Profession, CeMENT Mentoring Conference, New Orleans, January 2008.
- Committee for the Status of Women in the Economics Profession, CeMENT Conference, January 2006, mentor.
- Committee for the Status of Women in the Economics Profession, CeMENT Conference, January 2004, mentor.
- Board Member, Committee for the Status of Women in the Economics Profession, 2006 – 2010.
- Board of Trustees, Southern Economic Association, 2010 – 2013.

### **College and University:**

- Chair, Office of Research Promotion & Tenure Committee (2019).
- Board of Trustees, University of Kansas Center for Research (2018-present).  
Executive Committee member (2019-present).
- Committee Member, Computational Biology Program External Review (2017).
- Chair, University Senate Ad Hoc Committee on Gender Equity (2016-2017).
- Tuition Advisory Committee (2016-2017).
- College Revenue Enhancement Committee (2015-2016).
- University Scholarly Achievement Committee (2013); Chair, (2014-2016).
- University of Kansas, Chair, Taskforce on Tuition Assistance for Employees, Partners and Dependents, (2012-2013).
- University Promotion & Tenure Committee, 2011-2015.
- Chair, Subcommittee on Surveys, Provost's Strategic Planning Committee on Engaged Scholarship for Public Impact, 2010-2011.
- Co-Organizer, *Inequality Seminar*, Hall Center for the Humanities, 2009 – 2010.
- Director, Center for Science, Technology & Economic Policy at the Institute for Policy & Social Research, 2008—present.
- University Strategic Initiative Summit Planning Committee, *Building Communities, Expanding Opportunities*, 2011-2012.
- University Strategic Planning, Engaged Scholarship Subcommittee 2010—2011.
- University of Kansas, Chancellor's Advisory Committee on Athletics 2006 – 2009.
- Faculty Governance Athletics Committee, 2007 – 2008.
- University of Kansas, Women's Studies Advisory Board 2002 – 2011.
- University of Kansas College of Liberal Arts and Sciences GRF Review Committee 2005 – 2006.
- University of Kansas, University Council 2005 – 2006.
- University of Kansas, Faculty Compensation Committee 2005 – 2008; 2013-2014.  
2005: Co-wrote tenure clock stop policy, helped design survey of parental leave,  
2006: Chair of committee. Developing proposal for university-wide parental leave.

- University of Kansas, Faculty Compensation Committee 2005 – 2008; 2013-2014.  
2007: Chair of Committee. Co-wrote and helped to pass active-service / modified duties proposal for family leave. Proposal adopted by KU Administration in January 2008.  
2013-2014: Chair of Committee investigating tuition assistance.
- University of Kansas, Friends of the Lied Center Board 2006 – 2007.

### **Economics Department:**

- Chair Search Committee (2020)
- External Review Committee (2019)
- Undergraduate Committee (2017--)
- Undergraduate Placement Ad Hoc Committee (2015-2016).
- Department Chair Search committee (2014)
- Chair, Sabbatical Committee (2012, 2018, 2019)
- Chair, Promotion and Tenure Committee (2011-2015, 2018)
- Ad Hoc Committee on GTA Mentoring (2010-2011)
- Junior Recruiting Committee (2006/07; 2003/04)
- Oswald Econometrics Chair Search Committee (2005-2010)
- Faculty Evaluation Committee (2002/03; 2005-2007, 2017, 2019, 2020)
- Executive Committee (2003/04)
- Ad-Hoc Committee on Oswald Opportunity Fund (2002/03)
- Economics Department Computer Committee (2003/04; 2005/06)
- Graduate Committee and Ph.D. Admissions Committee (2005-2007, 2017, 2019)
- Promotion and Tenure Committee (2003—present).

### **Public Service:**

- Member, National Academies of Sciences, Engineering and Medicine Committee on Meeting Regional STEM Workforce Needs in the Wake of COVID-19: A Virtual Workshop Series (2020).
- Chief Academic Adviser, Kansas Governor's Tax Reform Council (2019-present).
- Member, National Academies of Sciences, Engineering and Medicine Committee on *Toward an Open Science Enterprise* (2017-2018).
- Consultant, Council of Graduate Schools, *Understanding PhD Career Pathways for Program Improvement* (2015).
- Consultant, National Academies of Engineering Committee on *Understanding the Engineering Education-Workforce Continuum* (2014-2015).
- Member, Science & Engineering Human Resources Expert Panel (HREP) of the National Science Foundation's National Center for Science and Engineering Statistics (NCSES) (2010, 2013-2014, 2016, 2017).
- Member, *Steering Committee on the Biomedical Workforce*, National Institute of General Medical Sciences (2011-2012).
- Consultant, National Academies of Science Committee on *Advancing Institutional Transformation for Minority Women in Academia* (2011-2012).

- Member of the Advisory Committee to the Director of the National Institutes of Health *Working Group On The Future Biomedical Research Workforce*. Co-chaired the Modeling Subcommittee of this Working Group (2011-2012).
- Member, Kansas State Department of Education National Governor's Association Working Group on Teacher Incentive Pay (2010)
- United Way of Metropolitan Atlanta Volunteer Involvement Program, Leadership Training, (2002).