

# **APPENDIX C**

## **Examples of SDR Data in Use by the Research Community**

## Example of SDR Data in Use by the Research Community

### RESEARCH AND ANALYSIS CITING SDR DATA

Below are selected citations by researchers and analysts using the SDR data.

Kaderabek, A. & Sinibaldi, J. (2022). Assessing Measurement Error in Hypothetical Questions. *Survey Practice*, October. <https://doi.org/10.29115/SP-2022-0010>

Jiang, X., Chang, W.Y., and Weinberg, B.A. (2021). "Man versus machine? Self-reports versus algorithmic measurement of publications." National Bureau of Economic Research: Working Paper 28431 <http://www.nber.org/papers/w28431>

Main, J.B., Wang, Y. & Tan, L. (2021). "Preparing Industry Leaders: The Role of Doctoral Education and Early Career Management Training in the Leadership Trajectories of Women STEM PhDs." *Research in Higher Education*, 63(3), 400-424.

Eagly, A. H. (2020), "Do the social roles that women and men occupy in science allow equal access to publication?" *Proc Natl Acad Sci U S A*, DOI: 10.1073/pnas.2001684117

Bucks, B. and Couper, M.P. (2018). "The Fine Print: The Effect of Legal/Regulatory Language on Mail Survey Response." *Survey Practice* 11(2).

Cohen, W. M., Sauermann, H., and Stephan, P. (2018). "Academics' Motives, Opportunity Costs and Commercial Activities Across Fields." Working Paper 24769. National Bureau of Economic Research.

Cummings, W. K. and Bain, O. (2018). "US Doctoral Study to Early Career." *Doctoral Education for the Knowledge Society*. J. C. Shin et al. editors, Springer International Publishing AG: 91-103.

Kahn, S. and MacGarvie, M. (2018). "Immigration Policy and Stay Rates of STEM PhDs." *Proceedings of the 23rd International Conference on Science and Technology Indicators*, Leiden, The Netherlands, September 12-14, 2018.

Kahn, S. and MacGarvie, M. (2018). "The Impact of Permanent Residency Delays for STEM PhDs: Who Leaves and Why." NBER Working Paper Series No. 25175, National Bureau of Economic Research.

Kawa, N. C., Clavijo Michelangeli, J.A., Clark, J.L., Ginsberg, D., and McCarty, C. (2018). "The Social Network of US Academic Anthropology and Its Inequalities." *American Anthropologist*, DOI: 10.1111/aman.13158.

Khosla, P. (2018). "Wait time for permanent residency and the retention of immigrant doctoral recipients in the U.S." *Economic Analysis and Policy* 57: 33-43.

Kniffin, K. M. and Hanks, A.S. (2018). "The trade-offs of teamwork among STEM doctoral graduates." *American Psychologist* 73(4): 420-432.

Meyers, L. C., Brown, A.M., Moneta-Koehler, L., and Chalkley, R. (2018). "Survey of checkpoints along the pathway to diverse biomedical research faculty." PLoS One 13(1): e0190606.

Perez-Silva, R., Partridge, M.D., and Foster, W.E. (2018). "Are foreign born researchers more innovative? Self selection and the production of knowledge among PhD recipients in the USA." Journal of Geographical Systems, DOI: 10.1007/s10109-018-0281-6.

Tao, Y. (2018). "Earnings of Academic Scientists and Engineers: Intersectionality of Gender and Race/Ethnicity Effects." American Behavioral Scientist 62(5): 625-644.

Torche, F. (2018). "Intergenerational Mobility at the Top of the Educational Distribution." Sociology of Education, DOI: 10.1177/0038040718801812.

Webber, K. L. and González Canché, M. (2018). "Is There a Gendered Path to Tenure? A Multi-State Approach to Examine the Academic Trajectories of U.S. Doctoral Recipients in the Sciences." Research in Higher Education, DOI: 10.1007/s11162-018-9492-4.

#### **SDR PROFESSIONAL CONFERENCE AND MEETING PRESENTATIONS**

Below is a list of example presentations using the SDR and the combined SDR and NSCG data presented at conferences and professional meetings by NCSES staff and survey contractor staff.

*Testing the Measurement Error of Dependent Interviewing in a Self-Administered Mode*, American Association for Public Opinion Research, May 2022.

*A Novel Approach to Combine Survey and Bibliometric Data for Science Policy Research*, BigSurv2020, November 2020.

*Publications Output: Trends, Data, and Research*, NIH Bibliometrics and Research Assessment Symposium 2020, October 2020.

*Demographic Differences in the Publication Output of U.S. Doctorate Recipients*, Atlanta Conference on Science and Innovation Policy, October 2019.

*Demographic Differences in the Publication Output of U.S. Doctorate Recipients*, International Conference on Scientometrics & Informetrics, September 2019.

*Advancing Survey Data for Evidence-based Research and Evaluation*, IRIS Summit, September 2019.

*Managing Locating and Data Collection Interventions through Adaptive Survey Design*, American Association for Public Opinion Research, May 2019.

*Where in the world? How in the world? The Challenges of Collecting Data around the Globe*, American Association for Public Opinion Research, May 2019.

*Using Contacting Information to Derive Employer Name in the Survey of Doctorate Recipients*, American Association for Public Opinion Research, May 2019.

*Exploring Alternative Measures of Doctoral Underemployment*, Society for Longitudinal & Lifecourse Studies International Conference, July 2018,

*The problem of analytic error in secondary analysis of survey data: What we know, and what we need to do about it*, Duke Initiative on Survey Methodology, June 2018,

*Balancing cross-sectional and longitudinal design objectives for the Survey of Doctorate Recipients*, Federal Committee on Statistical Methodology Research and Policy Conference, March 2018.