

JANA ASHER

October 31, 2023

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EDUCATION

- 2016 Carnegie Mellon University *Pittsburgh, PA*
Doctor of Philosophy, Statistics, December 2016
Thesis: *Methodological Innovations in the Collection and Analysis of Human Rights Violations Data*
- 1999 Carnegie Mellon University *Pittsburgh, PA*
Master of Science, Statistics, June 1999
- 1991 Wellesley College *Wellesley, MA*
Bachelor of Arts, Anthropology and Japanese Studies, June 1991
(*cum laude*)

CERTIFICATIONS

- 2022 P-Stat (Accredited Professional Statistician)
American Statistical Association
- 2021 Certificate in Effective College Instruction (Online)
The Association of College and University Educators (ACUE) and The American Council on Education

TEACHING

- 2023- Associate Professor of Data Science *Towson, MD*
Department of Computer and Data Science, Goucher College
Courses taught or in progress: DMC 102 (Data Analytics for Sustainability), DMC 172 (Calculus through Data and Modeling)
- 2021 - 2023 Director of Statistics Education *Slippery Rock, PA*
Department of Mathematics and Statistics, Slippery Rock University
Promoting the statistics programs of the Department of Mathematics and Statistics at SRU to a broad array of stakeholders; Development of outreach strategies to local high school students regarding the offerings available through the Department of Mathematics and Statistics at SRU; solicitation of statisticians (at least one per semester) to give talks as part of the Departmental Lecture Series; strategic planning and organization of continuous modernizing of our statistics education offerings in collaboration with the Director of the MSDA and the Department Curriculum Committee.

2022 - 2023 Associate Professor
2019 - 2022 Assistant Professor *Slippery Rock, PA*
Department of Mathematics and Statistics, Slippery Rock University
Courses taught or in progress: FYRST, STAT 152 (Elementary Statistics I), STAT 153 (Elementary Statistics II), STAT 252 (Introduction to Statistical Modeling), STAT 256 (Statistical Computing), STAT 318 (Statistical Study Design), STAT 352 (Mathematical Statistics), STAT 363 (Statistical Learning) and STAT 372 (Forecasting and Time Series).

2013 - 2015 Adjunct Instructor *Takoma Park, MD*
Mathematics and Statistics
Department of Mathematics and Statistics, Montgomery College
Courses taught include: Math 080, Math 093, Math 096, Math 117, and Math 150.

2004 - 2007 Training Materials Coordinator *Paris, France*
Chair, Training Materials Task Force
METAGORA, Office for Economic Cooperation and Development
Designed and led the development of a web-based set of training materials on democratic governance and human rights monitoring and measurement.

2002 - 2003 Associate Instructor *Pittsburgh, PA*
Introduction to Probability and Random Processes
Department of Statistics, Carnegie Mellon University
Managed two semester-long undergraduate courses. Coordinated five-six grading assistants, managed grading process, held office hours, maintained Blackboard web site.

2002 Lab Coordinator *Pittsburgh, PA*
Introduction to Statistical Methods
Department of Statistics, Carnegie Mellon University
For one semester, coordinated five laboratory classes for 200 students combined. Presented mini-lectures at beginning of labs. Ran weekly makeup lab sessions.

2001 - 2003 Teaching Fellow *Pittsburgh, PA*
Eberly Center for Teaching Excellence, Carnegie Mellon University
Observed and provided feedback for graduate student teaching assistants and instructors at Carnegie Mellon University.

1998 Head Teaching Assistant *Pittsburgh, PA*
Introduction to Probability and Random Processes
Department of Statistics, Carnegie Mellon University
*For one semester, coordinated five grading assistants, taught occasional lectures, ran review and special topic sessions, held office hours, produced solution sets, designed and maintained course web site.*1998
Instructor *Pittsburgh, PA*
Introduction to Probability and Random Processes
Department of Statistics, Carnegie Mellon University
Taught summer undergraduate course.

1998 Head Teaching Assistant *Pittsburgh, PA*
Introduction to Probability and Statistics II
Department of Statistics, Carnegie Mellon University
For one semester, coordinated two grading assistants, ran review sessions, held office hours, produced solution sets.

RESEARCH AND CONSULTING

2009 - 2011 Executive Director and Founder *Takoma Park, MD*
StatAid
Managed all aspects of a nonprofit statistical consultation and research organization. Projects in Zimbabwe, Kenya, Columbia and the USA.

2008 - 2009 Consulting Statistician *Bethesda, MD*
Center for Disaster and Humanitarian Assistance Medicine
Uniformed Services University of the Health Sciences
Designed data analysis and prepared reports related to health surveys in Liberia and Iraq, and assisted in development of a web-based survey for Iraqi expatriate doctors.

2007 - 2009 Consulting Statistician *Washington, DC*
American Association for the Advancement of Science (AAAS)
With Katrina Kelner, develop a plan to determine the quality of statistical information in Science magazine articles, implement that plan, and develop a proposal for ensuring statistical quality in future publications.

2005 - 2007 Senior Program Associate, Consulting Statistician *Washington, DC*
Science and Human Rights Program (SHR)
American Association for the Advancement of Science
Managed casework activities of the AAAS Human Rights Action Network (AAASHRAN), organized SHR events, represented SHR-AAAS on the steering committee of the African Transitional Justice Research Network, and served as statistical consultant on a multi-national web-based survey of the Project on Science and Intellectual Property in the Public Interest.

2005 Consulting Statistician, Sierra Leone Survey *Washington, DC*
American Bar Association Central European and Eurasian Law Initiative and African Law Initiative
Designed data analysis and prepared report for Sierra Leone Survey

2004 - 2005 Consulting Statistician *Paris, France*
METAGORA, Office for Economic Cooperation and Development
Served as an expert adviser to projects in Mexico, South Africa, Sri Lanka, the Philippines, and Palestine.

2003 - 2004 Documentation Coordinator *Freetown, Sierra Leone*
Sierra Leone War Crimes Documentation Project
Central European & Eurasian Law Initiative and African Law Initiative
American Bar Association
Coordinated all aspects of a national human rights survey of Sierra Leonean population. Designed sample and questionnaire, oversaw translation and conducted field review of questionnaire, determined fieldwork logistics, oversaw a staff of two office support personnel, three team leaders and 22 interviewers during data collection phase.

- 2003 - 2004 Consulting Statistician *Freetown, Sierra Leone*
 Sierra Leone Truth and Reconciliation Commission
Provided data analysis expertise and support to Database Staff of the Truth and Reconciliation Commission for Sierra Leone.
- 2003 Consulting Statistician *Dili, Timor Leste*
 Commission for Reception, Truth and Reconciliation in East Timor
Contributed to the development of CAVR's Retrospective Mortality Survey (RMS) Questionnaire, developed training materials for the enumerators and field supervisors, conducted a field review and oversaw the translation and back-translation of the questionnaire, led enumerator and field supervisor training, and advised CAVR's RMS Field Coordination team about implementation of the RMS fieldwork.
- 2003 Consulting Statistician *Boston, MA*
 Physicians for Human Rights
Field work in Iraq; advised field team on questionnaire and sample design for a human rights survey in southern Iraq. Coordinated data entry for survey.
- 2001 - 2003 Consulting Statistician *Washington, DC*
 American Association for the Advancement of Science
Designed multiple systems estimation-based analysis of data collected on human rights abuses in Peru, 1980-2000. Co-authored report on analysis. Undertook one week field mission to explain analysis and report to Peru military officials, government officials, and Comisión de la Verdad y la Reconciliación staff. Co-designed multiple systems estimation-based analysis of data collected on human rights abuses in Kosovo, March-June 1999. Co-authored report on analysis.
- 2000 - 2003 Research Assistant *Pittsburgh, PA*
 Department of Statistics, Carnegie Mellon University
Research: multiple systems estimation, record linkage.
- 1999 - 2000 Mathematical Statistician *Suitland, MD*
 Planning, Research, and Evaluation Division, U.S. Census Bureau
 Small Area Estimates Branch, U.S. Census Bureau
Research: hierarchical Bayes, small area estimation, record linkage, variance estimation, multiple systems estimation, administrative records.
- 1998 Research Assistant *Pittsburgh, PA*
 Department of Psychology, Carnegie Mellon University
Produced software package for use in cluster analysis of time series voxel data from large functional magnetic resonance imaging datasets.
- 1996 - 1997 Research Assistant *Pittsburgh, PA*
 Department of Statistics, Carnegie Mellon University
Tested and improved FIASCO, a statistical analysis package for functional magnetic resonance imaging data.

EDITED BOOKS AND WEB SITES

1. **Asher, J.**, Banks, D., Scheuren, F., eds. (2007). *Statistical Methods for Human Rights*. Springer-Verlag, Berlin.
Reviews: Debra Miller, *Journal of Official Statistics*, **26**, 1, pp. 209-212.
Douglas Samuelson, *ORMS Today*, **35**, 1, pp. 36-39.
Alette Smeulers and Lotte Hoex, *Criminology and International Crimes Newsletter*, **3**, 1, p. 6.
Susan Starkings, *International Statistical Review*, **76**, 2, p. 328.
Francis C. Staskon, *PsycCRITIQUES*, **53**, 39.
Paul Zador, *Journal of the American Statistical Association*, **102**, 484, p. 1724.
2. **Asher, J.** and Naval, C. (2007). *Training Materials on Measuring Human Rights and Democratic Governance*. Metagora, Organisation for Economic Cooperation and Development <www.metagora.org/training/>.

REFEREED PAPERS AND BOOK CHAPTERS

1. **Asher, J.** (2023). "R. A. Fisher and Eugenics: A Historical Overview." *Significance, commissioned*.
2. Resnick, D., **Asher, J.**, Roemer, M. and Campbell, S. (2023). "Nested Hierarchical Comparison Variables in Record Linkage." *Statistical Journal of the IAOS, in Preparation*.
3. **Asher, J.** (2022). "Teaching Concepts of Diversity, Equity, Inclusion and Social Responsibility through Elementary Statistics." *Proceedings of the International Conference on Teaching Statistics 11. International Association for Statistics Education, The Hague, Netherlands*. doi:10.52041/iase.icots11.T1F3
4. Dick, N., Brahm, N., Bui, T., Li, Y., Melincavage, S., Wang, X., Xu, L., and **Asher, J.** (2022). "A Transformative Approach to Collaborative Learning for Higher Education." *The International Journal of Learning in Higher Education*, **29**, No. 2, pp. 189-205. doi:10.18848/2327-7955/CGP/v29i02/189-205.
5. **Asher, J.** and Goodrick, A. (2021). "Case Study: Using COVID-19 Data in a Community-Engaged Elementary Statistics Class." *Proceedings of the IASE 2021 Satellite Conference*. International Association for Statistics Education, The Hague, Netherlands. *Accepted for Refereed Publication*.
6. **Asher, J.** (2021). "Saving our Community-Engaged Elementary Statistics Course: A Case Study on Preserving High-Impact Practice During the COVID-19 Crisis." In Hilton, J., and Dimarco, D., eds, *Pandemic University*, pp. 77-88.
7. **Asher, J.**, Resnick, D., Brite, J., Brackbill, R., & Cone, J. (2020). "An Introduction to Probabilistic Record Linkage with a Focus on Linkage Processing for WTC Registries." *International Journal of Environmental Research and Public Health*, **17**, No. 18, 6937. doi:10.3390/ijerph17186937
8. **Asher, J.** (2020). Bayes, Thomas. In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), *SAGE Research Methods Foundations*. doi: 10.4135/9781526421036940734

9. **Asher, J.** (2013). "Developing and Using Surveys to Estimate Casualties Post-Conflict: Developments for the Developing World." In Aronson, J., Fischhoff, B., and Seybolt, T., eds, *Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict*. Oxford University Press, New York City, New York, pp. 97-122.
10. Rosa, J.C., and **Asher, J.** (2012). "Human Development Index." In *Encyclopedia of Sustainability 6/10: Measures, Indicators, and Research Methods for Sustainability*. Berkshire Publishing, Great Barrington, Massachusetts, pp. 190-192.
11. Lawry L., Johnson K., and **Asher J.** (2012). "Evidence-Based Documentation of Gender-Based Violence." In Parmentier, S., Sarkin, J., Weitekamp, E., eds, *New Series on Transitional Justice, Prosecuting Sexual Violence as an International Crime: Interdisciplinary Approaches*. Intersentia Publishers, Antwerp, Belgium, pp. 243-274.
12. Johnson K, Asher J., Kisielewski M., and Lawry, L. (2012). "Former Combatants in Liberia: The Burden of Possible Traumatic Brain Injury Among Demobilized Combatants." *Military Medicine*, **177**, No. 5, pp. 531-540.
13. Johnson, K., Scott, J., Rughita, B., Kisielewski, M., **Asher, J.**, Ong, R., Lawry, L. (2010). "Association of Sexual Violence and Human Rights Violations With Health and Mental Health in Territories of the Eastern Democratic Republic of Congo." *Journal of the American Medical Association*, **304**, No. 5, pp. 553-562.
14. **Asher, J.** (2010). "Collecting Data in Challenging Settings." *Chance*, **23**, No. 2, pp. 6-13.
15. Johnson, K., **Asher, J.**, Rosborough, S., Raja, A., Panjabi, R., Beadling, C., Lawry, L. (2008). "Association Between Combatant Status and Sexual Violence and Health and Mental Health in Post-Conflict Liberia." *Journal of the American Medical Association*, **300**, No. 6, pp. 676-690.
16. Fitch, D.J., Wassenich, P., Fields, P., Scheuren, F., and **Asher, J.** (2007). "Statistics and the Millennium Development Goals." In Asher, J., Banks, D., Scheuren, F., eds. *Statistical Methods for Human Rights*. Springer-Verlag, Berlin, pp. 285-319.
17. **Asher, J.** (2007). "Introduction." In Asher, J., Banks, D., Scheuren, F., eds. *Statistical Methods for Human Rights*. Springer-Verlag, Berlin, pp. 1-41.
18. Amowitz, L., Kim, G., Reis, C., **Asher, J.**, and Iacopino, V. (2004). "Letter From Iraq: A Population-Based Assessment of Health and Human Rights in Southern Iraq." *Journal of the American Medical Association*, **291**, No. 12, pp. 1471-1479.
19. Ball, P., and **Asher, J.** (2002). "Statistics and Slobodan: Using Data Analysis and Statistics in the War Crimes Trial of Former President Milosevic." *Chance*, **15**, No. 4, pp. 17-24.

BOOK REVIEWS AND LETTERS TO THE EDITOR

1. Lawry, L., Reis, C., Kisielewski, M., and **Asher, J.** (2011). "Problems in Reporting Sexual Violence Prevalence." *American Journal of Public Health*, 10.2105/AJPH.2011.300347.
2. **Asher, J.** (2009). *International Handbook of Survey Methodology*, Edith de Leeuw, Joop Hox, and Don Dillman, eds., *Journal of Official Statistics*, **24**, No. 1, pp. 151-155.

GENERAL INTEREST ARTICLES

1. **Asher, J.** (2022). "ASA Pittsburgh Chapter News." *Chapter Chatter*, American Statistical Association, submitted.

2. **Asher, J.** (October 2022). "#undergradsatJSM: Why Undergraduate Students Belong at the Joint Statistical Meetings." *STATtr@k*.
3. **Asher, J.** (2022). "So Much to Do, So Little Time." *Amstat News*, **541**, p. 8-10.
4. **Asher, J.** (2022). "Infusing DEI Learning into an Elementary Statistics Class." *Amstat News*, **537**, p. 2.
5. **Asher, J.** (2022). "My ASA Story: Jana Asher." *Amstat News*, **535**, pp. 20-21.
6. **Asher, J.** and Furlong, C. (2021). "Birth of an ASA Outreach Group: The Origins of JEDI." *Amstat News*, **527**, pp. 15-17.
7. **Asher, J.** (2019). "A Tour of the International Statistics Scene." *Amstat News*, **509**, pp. 12-13.
8. **Asher, J.** and Kisielewski, M. (2010). "Revitalizing United States Foreign Assistance Policy: The Role of Statistics." *Amstat News*, **391**, pp. 11-12.
9. **Asher, J.** (2009). "Developing a Science for Recording, Estimating Casualties." *Amstat News*, **390**, pp. 21-22.
10. **Asher, J.** (2009). "Statistics Cited." *Amstat News*, **388**, p. 36.
11. **Asher, J.** (2009). "Statisticians Seen, Heard at Human Rights Coalition Launch." *Amstat News*, **381**, pp. 16-19.
12. **Asher, J.** (2008). "News from the Interface of Statistics and Human Rights: The Metagora Project Ends, but the Montreaux Process Continues." *Science and Human Rights Program Newsletter*, August 2008.
13. **Asher, J.** (2008). "A Statistician at Home." *Amstat News*, **372**, pp. 7-8.
14. **Asher, J.** (2006). "Statisticians + Human Rights: An Array of Volunteer Programs Await." *Amstat News*, **354**, pp. 4-5.
15. **Asher, J.** (2006). "The Work of the Truth & Reconciliation Commission of Liberia in the United States." *African Transitional Justice Research Network Newsletter*, **1**, No. 1, p. 2.
16. **Asher, J.** (2004). "A Statistician turned Field-Worker: Seven Months in Sierra Leone, Part 1." *Amstat News*, **327**, pp. 34-36.
17. **Asher, J.** (2003). "A Statistician in Iraq." *Amstat News*, **317**, 6-7; reprinted from *Caucus for Women in Statistics Newsletter*, **33**, No. 3, pp. 3-5.
18. **Asher, J.** (2002). "Talking about Teaching: Setting Limits as a Teaching Assistant." *Graduate Times Graduate Student Newsletter*, **V**, No. 2, p. 3.
19. **Asher, J.** (2002). "Getting Graduate Students Involved in Professional Societies." *Caucus for Women in Statistics Newsletter*, **32**, No. 3, pp. 4-7.
20. **Asher, J.** (2001). "A Statistician by Chance." *Amstat News*, **292**, pp. 33.

AAAS PUBLICATIONS

1. Westerburg, S., **Asher, J.**, Kisielewski, M., and Hansen, S. (2007). *Intellectual Property Experiences in the German Scientific Community*. American Association for the Advancement of Science, Washington DC.

2. Kisielewski, M., **Asher, J.**, and Hansen, S. (2007). *Intellectual Property Experiences in the United Kingdom Scientific Community*. American Association for the Advancement of Science, Washington DC.
3. Hansen, S., Kisielewski, M., and **Asher, J.** (2007). *Intellectual Property Experiences in the United States Scientific Community*. American Association for the Advancement of Science, Washington DC.
4. Hansen, S., Brewster, A., **Asher, J.**, and Kisielewski, M. (2006). *The Effects of Patenting on the AAAS Scientific Community*. American Association for the Advancement of Science, Washington DC.
5. Ball, P., **Asher, J.**, Sulmont, D., and Manrique, D. (2003). *How many Peruvians have died? An estimate of the total number of victims killed or disappeared in the armed internal conflict between 1980 and 2000*. American Association for the Advancement of Science, Washington DC.
6. Ball, P., Betts, W., Scheuren, F., Dudukovich, J., and **Asher, J.** (2002). *Killings and Refugee Flow in Kosovo March - June 1999: A Report to the International Criminal Tribunal for the Former Yugoslavia*. American Association for the Advancement of Science, Washington DC.

PROCEEDINGS PAPERS AND TECHNICAL REPORTS

1. Perozzi, M., Kahley, S., Bybee, A., and **Asher, J.** (2021). *Equality in Numbers but not in Rank: A Report on Female Faculty in Pennsylvania's State System of Higher Education between 2005 and 2020*. Report Commissioned by the PASSHE Women's Consortium. Approx. 300 pp.
2. **Asher, J.** (2020). *Mission Report: Final Draft from Department of Mathematics and Statistics, Slippery Rock University to METS/DESIB/TESPRDD of the United Nations regarding Recommendations for estimation regarding Indicator 16.1.2 of the Sustainable Development Goals*. 38 pp.
3. **Asher, J.**, Brungard, A., Damato, N., Scanlon, P., Snow, J., and Wolf, T., Eds. (2020). *Listen to Your Students: PASSHE Should Lead in Higher Education Climate Change Response*. 98 pp.
4. Resnick, D. and **Asher, J.** (2019). "Measurement of Type I and Type II Record Linkage Error." *Proceedings of the Section on Government Statistics of the American Statistical Association*.
5. Lawry, L. and **Asher, J.** (2015). *Health Vulnerability Study of Men, Women and Children in Mixed Migration Flows from the East and Horn of Africa and the Great Lakes to Southern Africa*. Prepared for the International Office of Migration of the United Nations.
6. Balbier, G., Daponte, B., and **Asher, J.** (2015). *Delivering Economic Impact: The Effects of the "Other" 99% of Allegheny County's Public Charities: Research Report to The Forbes Funds*. Social Science Consultants, New Haven CT.
7. **Asher, J.** (2011). *December 2010 Mission Report: Zimbabwe Human Rights Forum*. StatAid Technical Report #3.
8. **Asher, J.**, and Daponte, B.O. (2010). *A Hypothetical Cohort Model of Human Development*. United Nations Development Program Human Development Research Paper 2010/40.

9. **Asher, J.**, Kisielewski, M., and Rosa, J.C. (2010). *A Preliminary Study of the Human Rights Violations Databases of the Zimbabwe Human Rights NGO Forum*. StatAid Technical Report #2.
10. Kisielewski, M., **Asher, J.** and Rosa, J. C.. (2010). *Statistical Approaches to Developing Indicators of Armed Violence*. StatAid Technical Report #1.
11. Naval, C., Suesser, J-R., Aliber, M., **Asher, J.**, Orkin, M., Razafindrakoto, M., Suarez de Miguel, R. (2006). *Lessons Learned via the Metagora I Project*. Report for the Metagora Steering Committee.
12. Guberek, T., Guzmán, D., Silva, R., Cibelli, K., **Asher, J.**, Weikart, S., Ball, P., Grossman, W. (2006). *Truth and Myth: Human Rights Violations in Sierra Leone, 1991-2000*. Report of the Benetech Human Rights Data Analysis Group and American Bar Association's Central European and Eurasian Law Initiative to the U.S. State Department.
13. **Asher, J.**, Conibere, R., Sirisena, M., and Prabu, D. (2006). *Experiences of Internally Displaced Persons in Seven Districts of Sri Lanka: A preliminary report based on data collected by the Consortium of Humanitarian Agencies for the Human Rights Accountability Coalition*. Internal report for the Asia Foundation, San Francisco CA.
14. Conibere, R., **Asher, J.**, Cibelli, K., Dudukovich, J., Kaplan, R., and Ball, P. (2004). *Statistical Appendix to the Report of the Truth and Reconciliation Commission of Sierra Leone: A Report by the Benetech Human Rights Data Analysis Group and the American Bar Association Central European and Eurasian Law Initiative to the Truth and Reconciliation Commission*. The Benetech Initiative, Palo Alto CA.
15. **Asher, J.**, Fienberg, S., Stuart, E., and Zaslavsky, A. (2003). "Inferences for finite populations using multiple data sources with different reference times." *Proceedings of Statistics Canada Symposium 2002: Modelling Survey Data For Social and Economic Research*.
16. **Asher, J.**, and Fienberg, S. (2002). "The Administrative Records Experiment in 2000: An Application to Population Count Estimation via Triple Systems Estimation." *Proceedings of the Section on Government Statistics of the American Statistical Association*.
17. **Asher, J.** and Ball, P. (2001). "Understanding Human Rights Violation Data through the Analysis of Circuits." *Proceedings of the Social Statistics Section of the American Statistical Association*.
18. **Asher, J.** and Fienberg, S. (2001). "Statistical Variations on an Administrative Records Census." *Proceedings of the Section on Government Statistics of the American Statistical Association*.
19. **Asher, J.** and Fisher, R. (2000). "Alternate Scaling Parameter Functions in a Hierarchical Bayes Model of U.S. County Poverty Rates." *Proceedings of the Section on Survey Research Methods of the American Statistical Association*.
20. **Asher, J.** and Fisher, R. (2000). "Alternate CPS Sampling Variance Structures for Constrained and Unconstrained County Models: Additional Research." SAIPE Technical Report #4.
21. Fisher, R. and **Asher, J.** (1999). "Alternate CPS Sampling Variance Structures for Constrained and Unconstrained County Models." SAIPE Technical Report #1.

PRESENTATIONS

1. **Asher, J.** (2024). "Measurement of Conflict-Related Casualties for the Sustainable Development Goals." Invited Presentation at the Joint Statistical Meetings, 2024, *upcoming*.
2. **Asher, J.** (2023). "Tom Jabine and Human Rights." Invited Presentation at the Joint Statistical Meetings, August 9, 2023.
3. **Asher, J.** (2023). "Statistics is the Heart of Democracy." Invited Presentation at the Joint Statistical Meetings, August 6, 2023.
4. Rathlef, J., **Asher, J.**, Strahler, D. and Hilliard, A. (2023). "Promoting Public Purpose in Community-Engaged Learning: A Model for Assessing Civic Learning & Engagement Outcomes at Slippery Rock University." Presentation at Beyond the Classroom: Community-Engaged Teaching and Research Conference, Gannon University, June 2, 2023.
5. **Asher, J.** (2023). "Eugenics and Statistics." Invited Presentation at the AAAS Annual Meetings, March 2023.
6. **Asher, J.** (2022). "From Human Rights to Social Justice Education in Statistics." Special Invited Presentation at the Women in Statistics and Data Science Conference, October 7, 2022.
7. **Asher, J.** (2022). "Teaching Concepts of Diversity, Equity, Inclusion and Social Responsibility through Elementary Statistics." Refereed paper presented at the 11th International Conference on Teaching Statistics, September 16, 2022.
8. **Asher, J.** (2022). "DEI through Community-Engaged Learning." Invited presentation at the Joint Statistical Meetings, August 9, 2022.
9. **Asher, J.** (2022). "Recreating My Elementary Statistics Course for DEI Designation." Breakout session at the 2022 Electronic Conference on Teaching Statistics, May 23, 2022.
10. **Asher, J.** (2022). "Inverse Probability and the 200 Year Journey to Team Bayesian." Invited presentation for the History of Statistics Interest Group of the American Statistical Association, February 23, 2022.
11. **Asher, J.** (2022). "The Nine Deadly Sins of Data Visualization and How to be a Data Display Saint!" Invited presentation for the University of Georgia Student Chapter of the American Statistical Association, February 8, 2022.
12. Musyt, J. and **Asher, J.** (2022). "Exploring Pedagogy around Math Trauma." Invited presentation for the 2022 PASSHE Virtual Conference on Teaching and Learning, January 11, 2022.
13. **Asher, J.** (2021). "R.A. Fisher and Eugenics: A Historical Overview." Invited presentation at the Departmental Seminar Series of the Department of Biostatistics, Emory University, November 19, 2021.
14. **Asher, J.** (2021). "Case Study: Using COVID-19 Data in a Community-Engaged Elementary Statistics Class." Refereed presentation at the 12th Satellite Conference of the International Association for Statistical Education, September 4, 2021.
15. **Asher, J.** (2021). "R.A. Fisher and Eugenics." Invited presentation at the Joint Statistical Meetings, August 9, 2021.

16. **Asher, J.** and Musyt, J. (2021). "Community-Engaged Learning in Introductory Statistics." Six-hour Workshop at the US Conference on Teaching Statistics 2021, June 24-25, 2021.
17. **Asher, J.** (2021). "Equality in Numbers but Not in Rank: A Report on Female Faculty in Pennsylvania's State System of Higher Education Between 2005 and 2020." Plenary Presentation at the PASSHE Women's Consortium 11th Annual Conference: Wellness, Agency and Advocacy in an Intersectional Context, March 27, 2021.
18. Rathlef, J., Strahler, D., and **Asher, J.** (2021). "Service-Learning Strategies to Increase Retention and Student Engagement." Professional Development Workshop at Slippery Rock University, March 3, 2021.
19. Rathlef, J., Verba, S., and **Asher, J.** (2020). "A Framework for Service Learning to Enhance Quality and Integrity of Educational Practice." Presentation at the PASSHE West Virtual Conference on Teaching and Learning (Slippery Rock, PA), December 9, 2020.
20. **Asher, J.** (2020). "Saving our Elementary Statistics Course: A Case Study on Preserving High-Impact Practice During the COVID-19 Crisis." Presentation at the Best Practices for Education and Training Dealing with the New Normal Workshop (Slippery Rock, PA), July 28, 2020.
21. **Asher, J.** (2019). "Inverse Probability and the 200 Year Journey to Team Bayesian." Presentation at Slippery Rock University (Slippery Rock, PA), November 7, 2019.
22. Resnick, D. and **Asher, J.** (2019). "Using and Linking Administrative and Auxiliary Data." Presentation at the Joint Statistical Meetings (Denver, CO), July 31, 2019.
23. **Asher, J.** (2019). "Life Outside the Classroom: Lessons Learned by a Mid-Level Statistician." Presentation at University of Virginia (Charlottesville, PA), January 15, 2018.
24. **Asher, J.** (2018). "An Introduction to Record Linkage and An Exploration of Accuracy of Links within Record Linkage." Presentation at Ursinus College (Collegeville, PA), December 13, 2018; at Slippery Rock University (Slippery Rock, PA), December 19, 2018; and at Duquesne University (Pittsburgh, PA), January 17, 2018.
25. Hack, L. and **Asher, J.** (2018). "How to Build Fun, Weekly Makerspace Activities." Presentation at the School Library Media Programs - Back-to-School Professional Learning Conference for Library Media Staff of the Montgomery County Public Schools (Gaithersburg, Maryland), August 23, 2018.
26. **Asher, J.** (2017). "A Cross-Disciplinary Review of Record Linkage Methodologies." Topic contributed presentation at the Joint Statistical Meetings (Baltimore, Maryland), August 1, 2017.
27. **Asher, J.** (2014). "Using a First-Year Statistics Course to Enhance Retention." Presentation at the 1st Maryland Collegiate STEM Conference (Germantown, Maryland), November 1, 2014.
28. **Asher, J.** (2009). "Developing and Using Surveys to Estimate Casualties Post-Conflict: Developments for the Developing World." Invited Presentation at the Casualty Recording and Estimation Conference (Pittsburgh, Pennsylvania), October 24, 2009.
29. **Asher, J.** and Kisielewski, M. (2009). "Informing the findings of Truth and Reconciliation Commissions." Invited presentation at the Annual Meeting of the Institute for Operations Research and the Management Sciences (INFORMS, San Diego, California), October 15, 2009, and the Washington, DC Chapter of INFORMS monthly meeting, September 29, 2009 (McLean, Virginia).

30. **Asher, J.** (2009). "Methodological Innovations in the Collection and Analysis of Human Rights Violations Data." Invited presentation at the Department of Mathematics and Statistics at American University (District of Columbia), February 10, 2009.
31. **Asher, J.** (2008). "Developing Surveys for Developing Countries." Invited presentation at the Fall 2008 Colloquium Series of the Department of Statistics at the University of Virginia (Charlottesville, Virginia), November 5, 2008.
32. **Asher, J.** (2008). "Putting all of the Data Together." Invited presentation at the Annual Meeting of the American Association for the Advancement of Science (Boston, Massachusetts), February 16, 2008.
33. **Asher, J.** (2007). "Discussion of the Special Interest Group on Statistical Volunteerism." Invited presentation at the Joint Statistical Meetings (Salt Lake City, Utah), July 29, 2007.
34. **Asher, J.** (2007). "Outline of the Survey in Four Countries." Invited presentation at the International Conference on Effects of Intellectual Property Protections on the Conduct of Scientific Research (Tokyo, Japan), March 19, 2007.
35. **Asher, J.** (2007). "Survey Process and Methodology." Invited presentation at the Symposium on Effects of Intellectual Property Protections on Scientific Research: Results of a Survey of U.S. Scientists (Washington, DC), January 16, 2007.
36. **Asher, J.** (2006). "Results and Lessons of the Sierra Leone Human Rights Violations Survey." Guest speaker at the 3rd Annual Symposium of the Human Rights Accountability Coalition (Colombo, Sri Lanka), December 14, 2006.
37. **Asher, J.** (2006). "Grim Statistics: Designing Questionnaires in the Traumatized Developing World." Invited presentation at the Interagency Response Error Group meeting (Suitland, MD), September 6, 2006. Based on Mejia, R. (2006). "Grim Statistics." *Science*, **313**, pp. 288-290.
38. **Asher, J.** (2006). "How Does Patenting Affect Access to Inventions for Research Purposes? Results from a 2005 Survey of AAAS Members." Invited presentation at the Spanish National Research Council (CSIC) / Spanish Patent and Trademark Office (OEPM) / Office for Economic Cooperation and Development (OECD) Conference on Research use of Patented Inventions (Madrid, Spain), May 18, 2006.
39. **Asher, J.** (2005). "Methodological Innovations in the Collection and Analysis of Human Rights Violations Data." Thesis proposal for the Department of Statistics, Carnegie Mellon University (Pittsburgh, PA), June 3, 2005.
40. **Asher, J.** (2005). "Questionnaire Design Methodology for a Study of Human Rights Abuses during the Armed Internal Conflict of Sierra Leone." Seminar for the Washington Statistical Society Seminar Series (Washington, DC), May 25, 2005.
41. **Asher, J.** (2005). "Working with Statistical Data (to Monitor Health from a Human Rights Perspective)." Part of the *Using a Human Rights Framework to Monitor and Promote Health Workshop* at the Lessons Learned from Rights Based Approaches to Health conference (Atlanta, GA), April 16, 2005.
42. **Asher, J.** (2005). "A Study of Human Rights Abuses during the Sierra Leone Armed Internal Conflict." Panel presentation at the Lessons Learned from Rights Based Approaches to Health conference (Atlanta, GA), April 15, 2005.
43. **Asher, J.** (2004). "Creating human rights violations statistics from survey and interview data." Seminar, National Institute for Statistics and Economic Studies (Paris, France), January 7, 2004; invited presentation at the IMS-ASA's SRMS Joint Mini Meeting on Current Trends in Survey Sampling and Official Statistics (Kolkata, India), January 2, 2004.

44. **Asher, J.** (2004). "Use of probing questions to explore respondent understanding of time in East Timor." Contributed poster at the IMS-ASA's SRMS Joint Mini Meeting on Current Trends in Survey Sampling and Official Statistics (Kolkata, India), January 2, 2004.
45. **Asher, J.** and Ball, P. (2003). "Estimating the Number of Disappeared." Invited presentation at the ENAR Spring Meetings (Tampa, FL), April 1, 2003.
46. **Asher, J.** (2002). "An Introduction to Multiple Systems Estimation for Estimating a Count of Adverse Events." Invited presentation at the DIMACS Working Group meeting on Adverse Event/Disease Reporting, Surveillance, and Analysis (Rutgers, NJ), October 16, 2002.
47. **Asher, J.** (2002). "Five Questions Journalists Should Ask Scientists - and Why Good Journalism is Essential to the Scientist." Invited presentation at the Mapping the News Conference (Washington, DC), September 29, 2002.
48. **Asher, J.** (2002). "Developing and Applying Statistical Methods for Human Rights Violations Measurement." Invited presentation at the International Seminar on Statistics and Indicators for a National Human Rights Diagnosis: Case of Torture in Mexico (Merida, Mexico), April 3, 2002.
49. Fienberg, S., **Asher, J.**, and Ball, P. (2002). "Estimating the Number of Human Rights Violations using Extensive Observer Reports." Invited presentation at the ENAR Spring Meetings (Arlington, VA), March 20, 2002.

GRANTS

1. 2021. "Women's Consortium Status of Women in PASSHE Grant." Grant, The PASSHE Women's Consortium. \$2,500
2. 2019. "Evaluation in the Use of Excel Laboratories in Elementary Statistics Classes." Faculty-Student Grant, Professional Development Committee, Slippery Rock University. \$4,834

HONORS AND AWARDS

- Societal Impact Award, Caucus for Women in Statistics, 2022. *"For her work combating societal injustice through accurate and ethical quantitative measurement, and for her commitment toward teaching civic responsibility and JEDI principles through statistical practice."*
- Finalist, President's Award for Teaching Excellence, Slippery Rock University, 2021.
- Inducted into the Kappa Mu Epsilon chapter at Slippery Rock University, 2021.
- Inducted into the Phi Theta Kappa chapter at Montgomery College, 2014.
- Departmental Teaching Award, Montgomery College, 2014.
- Elected Member, International Statistical Institute, 2010.
- Fellow, American Statistical Association, 2009. *"For excellence in the application of statistical methodology to human rights and humanitarian measurement problems; for leadership toward placing human rights violations research on a sound statistical basis; and for service to the profession."*
- Funded participation as invited speaker at AAAS Annual Meetings, by Section U (Statistics) of the American Association for the Advancement of Science, 2008.

- Graduate Student Conference Funding, 2005 (presented by the Graduate Student Assembly, Graduate Programs Office, and Provost's Office, Carnegie Mellon University).
- Graduate Student Teaching Award, 2003 (presented by the Department of Statistics, Carnegie Mellon University).
- Graduate Student Fellowship to the International Conference on Questionnaire Development, Evaluation and Testing Methods, 2002.
- SIE Travel Award to the DIMACS Working Group meeting on Adverse Event/Disease Reporting, Surveillance, and Analysis, 2002 (presented by the Section on Statistics in Epidemiology of the American Statistical Association).
- Edward C. Bryant Scholarship to honor an outstanding graduate student who is studying survey statistics, 2002 (presented by the American Statistical Association).
- 2002 Special Achievement Award from the Social Statistics Section of the American Statistical Association, 2002. *"For bringing energy and expertise to all she does for our profession, especially for working tirelessly to turn statistics into a tool to combat injustice wherever it is found. Her intellectual force and passion lift all those who know her to a higher level."*
- Inducted into the Phi Kappa Phi chapter at Carnegie Mellon University, 2001.
- March Employee of the Month at the Household and Housing Economic Statistics Division of the U.S. Census Bureau, 2000.
- Cash award from the U.S. Census Bureau for redesign of the Small Area Income and Poverty Estimates web site, 1999; training of incoming employees, 2000; and work on the Administrative Records Experiment of the Planning, Research, and Evaluation Division, 2001.
- Carnegie Scholar Fellowship from Carnegie Mellon University, 1997 - 1999.
- SURG Research Fellowship from Carnegie Mellon University, 1997.

PROFESSIONAL OFFICES

- [Council of Sections Representative to the Board of Directors, American Statistical Association, 2023-2025.](#)
- [Chair, Committee on the History of Statistics, International Statistical Institute, March 2022-March 2025.](#)
- [Council of Chapters Representative, Pittsburgh Chapter of the American Statistical Association, 2021-Present.](#)
- Founding Past Chair, Record Linkage Interest Group of the American Statistical Association, 2021-2022.
- Program Chair-Elect and Program Chair for the Section on Survey Research Methods of the American Statistical Association, 2020-2022.
- Webmaster for the Section on Statistical Consulting of the American Statistical Association, 2019-2020.
- Program Chair-Elect and Program Chair for the History of Statistics Special Interest Group of the American Statistical Association, 2019-2021.
- Member of the Committee on International Relations of the American Statistical Association, 2019-2021.

- Member, Faculty Senate of Montgomery College Takoma Park/Silver Spring, 2014-2015.
- Member of the Committee on Gay and Lesbian Concerns in Statistics of the American Statistical Association, 2011.
- Member of the Committee on Scientific Freedom and Human Rights of the American Statistical Association, 2009-2011.
- Program Chair-Elect and Program Chair for the Social Statistics Section of the American Statistical Association, 2007-2008.
- Member of the Committee on Professional Ethics of the American Statistical Association, 2004-2006.
- Publications Officer of the Section on Risk Analysis of the American Statistical Association, 2004.
- Program Chair-Elect and Program Chair for the Section on Government Statistics of the American Statistical Association, 2003-2004.
- Chair of the Wray Jackson Smith Scholarship Committee of the Section on Government Statistics, 2003-2004.
- Representative-at-Large for the Caucus for Women in Statistics, 2002-2003.
- Founding Member of the Wray Jackson Smith Scholarship Committee of the Section on Government Statistics, 2001-2003.
- Membership Chair for the Caucus for Women in Statistics, 1999-2001.

PROFESSIONAL SERVICE

- [Panelist, Women in Statistics and Data Science Panel, "On the Intersection of Women and Disability in Statistics and Data Science," October 27, 2023.](#)
- [Institutional Review Board, Goucher College, Fall 2023-Present.](#)
- [Bulletin Board and Office Supplies, Department of Computer and Data Science, Goucher College, Fall 2023-Present.](#)
- Discussant, JSM 2023 Memorial Session, "In Memory of Bill Winkler," August 7, 2023.
- Organizer, World Statistics Congress 2023 Invited Session, "The Role of Statistics in Nation-Building," July 20, 2023.
- Organizer, AAAS Annual Meetings 2023 Invited Session, "Reconciling Ourselves to the Effect of Eugenics on Science," March 4, 2023.
- Faculty Advisor, Gamer's Guild, Slippery Rock University, Fall 2021-Spring 2023.
- Member, College of Health Professions Advisory Committee, Slippery Rock University, Fall 2021-Spring 2022.
- Member, Marketing, Recruitment and Outreach Committee, Slippery Rock University, March 2021-March 2023.
- Service-Learning Associate, Office for Community-Engaged Learning, Slippery Rock University, Fall 2020-Spring 2023.
- Faculty Advisor, Gamma Sigma Sigma, Slippery Rock University, Fall 2020-Spring 2021
- Member, President's Commission for Gender Identity & Expression and Sexual Orientation (GIESO), Fall 2020-Spring 2023.

- Chair, Assessment Committee, Department of Mathematics and Statistics, Slippery Rock University, February 2020-March 2023.
- Member, Strategic Planning Committee, Department of Mathematics and Statistics, Slippery Rock University, February 2020-March 2023.
- STAT 152 Course Coordinator, Department of Mathematics and Statistics, Slippery Rock University, October 2019-August 2022.
- Member, Curriculum Committee, Department of Mathematics and Statistics, Slippery Rock University, October 2019-September 2022.
- Member, Student Conduct General Hearing Board, Slippery Rock University, September 19, 2019-Spring 2023.
- Faculty Advisor, Statistics Club, Slippery Rock University, Fall 2019-September 2022.
- Vice President, Phi Kappa Phi, Slippery Rock University, August 2, 2020 - August 1, 2022.
- Organizer, Joint Statistical Meetings 2021 Invited Session, "R.A. Fisher and Eugenics," August 9, 2021.
- Organizer, Departmental 2021 Virtual Awards and Graduation Ceremony, Department of Mathematics and Statistics, Slippery Rock University, May 7, 2021.
- Member, Rock Studies Revision Committee Ad Hoc Diversity Committee, Slippery Rock University, February 2021-May 2021.
- Organizer, Departmental 2020 Virtual Winter Graduation Ceremony, Department of Mathematics and Statistics, Slippery Rock University, December 8, 2020.
- Organizer, Joint Statistical Meetings 2020 Invited Session, "Data and Challenges for Unraveling Gun Violence," August 1, 2020.
- Student Recruiter, SRU Admissions, Slippery Rock University, June 1, 2020 - November 7, 2020.
- Organizer, Departmental 2020 Virtual Awards and Graduation Ceremony, Department of Mathematics and Statistics, Slippery Rock University, May 18, 2020.
- Member, Faculty Advisory Board for Office for Disability Services, Slippery Rock University, November 14, 2019 - December 1, 2020.
- Treasurer, Phi Kappa Phi, Slippery Rock University, October 14, 2019 - August 1, 2020.
- Faculty Mentor, MEDLIFE, Slippery Rock University, September 24, 2019 - January 30, 2020.
- Participant, Inaugural Ingram Olkin Statistics Serving Society Forum: Gun Violence — The Statistical Issues, June 26-27, 2019.
- Organizer, JSM 2017 Topic Contributed Session, "Current Themes in Record Linkage Research," August 1, 2017.
- Member, Indefinite Delivery Indefinite Quantity Review Committee, Substance Abuse and Mental Health Services Administration, Department of Health and Human Services, January 9-12, 2017.
- Member, Proposal Review Committee, Substance Abuse and Mental Health Services Administration, Department of Health and Human Services, January 13, 2015.
- Faculty Advisor, Chess Club, Fall 2014.

- Invited Participant, Global Experts Meeting on the Urban Safety Monitor, United Nations Programme for Human Settlements, May 15-16, 2014.
- Panelist, 2011 AAAS Annual Meeting Career Development Workshop, "Scientists Working for Human Rights: Approaches to Effective Engagement," February 19, 2011.
- Featured resource practitioner, "Participatory Research for Action," New Tactics in Human Rights, November 17-23, 2010.
- Organizer and Discussant, JSM 2010 Topic Contributed Session 68, "Recent Record Linkage at the U.S. Census Bureau," August 1, 2010.
- Substance Abuse and Mental Health Services Administration, proposal review, July 2010.
- Participant, Expert Consultation on Human Rights Indicators, United Nations Office of the High Commissioner for Human Rights, June 24-25, 2010.
- Featured resource practitioner, "Documenting Violations: Choosing the Right Approach," New Tactics in Human Rights, January 27-February 2, 2010.
- Participant, Expert Workshop on Indicators of Armed Violence, United Nations Development Programme, December 14-15, 2009.
- National Science Foundation proposal review, October 2009.
- Senior member, review team for Monitoring and Evaluation plan of USAID-funded Strengthening and Accessing Livelihood Opportunities for Household Impact Program in Madagascar, via Academy for Educational Development, September 2009.
- Discussant, JSM 2009 Invited Session 496, "Quantifying Mortality from Genocide and Crimes against Humanity: Issues and Methods," August 5, 2009.
- Panelist, JSM 2009 Invited Session 404, "The Pros of Pro Bono Statistical Consulting," August 5, 2009.
- Panelist, AAAS Science and Human Rights Coalition Launch, "Science-based Solutions to Human Rights Challenges: Examples from the Field," January 15, 2009.
- Organizer, JSM 2008 Topic Contributed Session 262, "Joint Student Paper Competition Presentations," August 5, 2008.
- Panelist, JSM 2008 Invited Session 343, "Best Practices in Collecting Survey Data on Sexual Orientation," August 5, 2008.
- Organizer and Chair, AAAS 2008 Symposium, "Challenges in Collecting and Interpreting Data in Humanitarian Emergencies," February 19, 2008.
- Discussant, JSM 2007 Invited Session, "War and Death in Iraq," August 1, 2007.
- Discussant, Washington Statistical Society Seminar Series, "Mortality in Iraq," February 6, 2007.
- Organizer (with David Fitch), JSM 2006 Invited Session 89, "Statistics and the Millennium Development Goals," August 7, 2006.
- Panelist for General Accounting Office (GAO) / National Academies of Science (NAS) Meeting on Darfur Mortality Estimates, April 7, 2006.
- Discussant, Washington Statistical Society Seminar Series, "Mortality Before and After the 2003 Invasion Of Iraq: Cluster Sample Survey," April 8, 2005.
- Member, Reference Group for study on "The Extent and Impact of Violence against Women in South Africa" for Social Surveys Ltd. and the Foundation for Human Rights South Africa, 2004-2005.

- Discussant, JSM 2004 Topic Contributed Session 327, "New Methodology for Estimating Census Coverage Error Using Multiple Systems," August 11, 2004.
- Member, Readers Group for *A User's Guide to Governance Indicators* by the European Commission and United Nations Development Programme, April 2004.
- Consulting Statistician for *Hearts and Minds: Post-War Civilian Casualties in Baghdad by U.S. Forces* by Human Rights Watch, October 2003.
- Consulting Statistician for internal survey at the Katherine Thomas School, 2003.
- Organizer, JSM 2003 Topic Contributed Session 408, "Improving the Accuracy of Race and Hispanic Origin in Administrative Records," August 6, 2003.
- Organizer, JSM 2002 Topic Contributed Session 276, "The Administrative Records Experiment in 2000," August 14, 2002.
- Organizer/Discussant (with David Banks), 2002 Annual Meeting of the Classification Society of North America Invited Session, "Computational Issues and Record Linkage," June 14, 2002.
- Round Table Discussion Leader, JSM 2001, "How to Organize an Invited Session for JSM," August 8, 2001.
- Organizer, JSM 2001 Invited Session 167, "New Theoretical Advances in Dual and Triple System Estimation," August 7, 2001.
- Invited Lecturer, Undergraduate Mathematics Colloquium, Carnegie Mellon University, January 27, 2000 and September 12, 2002.
- Content Area Expert / Student Adviser, Advanced Data Analysis Undergraduate Course at Carnegie Mellon University, 1999.
- Referee for *American Journal of Epidemiology*; *American Statistician*; *Emerging Themes in Epidemiology*; *Harvard Data Science Review*; *Human Rights Review*; *International Journal of Environmental Research and Public Health*; *International Journal of Epidemiology*; *International Journal of Transitional Justice*; *Journal of the American Medical Informatics Association*; *Journal of Statistics Education*; *Journal of Official Statistics*; and *Statistics, Politics, and Policy / Statistics and Public Policy*.

PROFESSIONAL DEVELOPMENT AND TRAINING

- [Assessment in the Age of AI](#), Goucher College, September 14, 2023 (1 hour)
- [IRB Members Basic/Refresher Training](#), CITI Program, August 15-31, 2023 (9 hours)
- [Navigating Biases in Statistics](#), American Statistical Association, August 29, 2023 (1.5 hours)
- [QPR Suicide Prevention Gatekeeper Training](#), August 24, 2023 (1 hour)
- [Training through Vector Solutions](#):
 - [Diversity: Inclusion in the Modern Workplace](#), August 24, 2023 (1 hour)
 - [Preventing Harassment & Discrimination: Non-Supervisors](#), August 24, 2023 (1 hour)
 - [FERPA: Family Educational Rights and Privacy Act](#), August 23, 2023 (.5 hour)
 - [Data Security & Privacy](#), August 20, 2023 (.5 hour)

- Building Supportive Communities: Clery Act and Title IX, August 18, 2023 (.66 hour)
- Faculty Development Days, Goucher College, August 15, 2023 – August 16, 2023 (14 hours)
- Community Engaged Teaching & Learning Community of Practice, Campus Compact, September 26, 2022 – December 5, 2022 (12 hours)
- Resiliency on Campus, Office of Grants, Research and Sponsored Programs, October 7, 2022 (6 hours)
- COVID-19 Training, CITI Program, September 17-18, 2022 (2 hours)
- RCR Basic Course – Refresher Course, CITI Program, September 18, 2022 (2 hours)
- Social and Behavioral Research – Refresher Course, CITI Program, September 18, 2022 (1 hour)
- Training for Student Conduct Hearing Board Members, Student Conduct Institute, State University of New York, August 31, 2022 - September 6, 2022 (29 hours)
- New Chapter Officer Orientation, Phi Kappa Phi, August 27, 2022 (2 hours)
- Career Development with Equity in Mind, Inside Higher Ed, August 25, 2022 (1 hour)
- Training for Student Conduct Hearing Board Members, Student Conduct Institute, State University of New York, May 25, 2022 - June 30, 2022 (21 hours)
- Looking at the State of Science: Public Trust and the Impacts of Misinformation, American Association for the Advancement of Science, June 21, 2022 (0.87 hour)
- Building strong Integrated National Data Systems to transform people’s lives, International Statistical Institute and International Association for Official Statistics and The World Bank, June 15, 2022 (1.5 hours)
- Beyond the Classroom: Community-Engaged Teaching and Research, Gannon University and Partners for Campus-Community Engagement, June 2, 2022 (6 hours)
- Training through Academic Partnerships:
 - Facilitating Courses with Engaged Learners, June 21, 2022 (0.5 hour)
 - Enhance and Improve Your Course Using Data & Analytics, June 15, 2022 (0.5 hour)
 - Designing Purposeful Online Discussions, June 10, 2022 (1 hour)
 - How Community & Belonging Promotes Learning, June 2, 2022 (1 hour)
 - The Final Checklist: Course Quality Review, May 31, 2022 (1 hour)
 - Easy & Consistent Grading: Designing Rubrics that Work, May 27, 2022 (1 hour)
 - Mirroring Professional Experiences in Your Course, May 17, 2022 (1 hour)
- DEI Certification for Course Designation, Center for Teaching and Learning, Slippery Rock University, December 15, 2021 – February 11, 2022 (16 hours)
- Faculty Learning Community - Social Emotional Learning in the College Classroom, Center for Teaching and Learning, Slippery Rock University, September 17, 2021 - October 15, 2021 (5 hours)
- Text as Data Workshop, Statistical Horizons, August 3, 2021 – August 6, 2021 (12 hours)
- PASSHE Hazing Investigator Training, Dyad Strategies LLC, June 28, 2021 (6 hours)

- 2021 National Workshop on Data Science Education, Division of Computing, Data Science and Society, University of California Berkeley with support from Microsoft and the West Big Data Innovation Hub, June 14, 2021 - June 18, 2021 (22 hours)
- Inspiring Inquiry and Preparing Lifelong Learners in Your Online Course Microcredential Course, Association of College and University Educators, March 19, 2021 - May 12, 2021 (16.5 hours)
- Select Microcredential Course Inspiring Inquiry and Preparing Lifelong Learners in Your Online Course Association of College and University Educators March 19, 2021 - May 12, 2021
- Faculty Learning Community - Undergraduate Research, Center for Teaching and Learning, February 12, 2021 - April 19, 2021 (9 hours)
- Designing Student Centered Courses Microcredential Course, Association of College and University Educators, January 25, 2021 - March 7, 2021 (16.5 hours)
- Virtual Symposium and Publishing Workshop, Campus Compact of NY & PA; Hobart and William Smith Colleges; The Community Innovation Lab, January 14, 2021 - January 15, 2021 (7 hours)
- Values-Centered Leadership II, Depaul University, September 14, 2020 - December 18, 2020 (30 hours)
- PASSHE West Virtual Conference on Teaching and Learning, Center for Teaching and Learning, Slippery Rock University, December 8, 2020 - December 9, 2020 (10 hours)
- Faculty Learning Community - Online Collaborative Learning, Center for Teaching and Learning, Slippery Rock University, October 2, 2020 - November 6, 2020 (7.5 hours)
- Promoting Active Learning Online Microcredential Course, Association of College and University Educators, September 18, 2020 - November 5, 2020 (16.5 hours)
- Tutorial: at-risk for University and College Faculty and Staff, Slippery Rock University, September 29, 2020 (1 hour)
- Creating an Inclusive and Supportive Online Learning Environment Microcredential Course, Association of College and University Educators, July 18, 2020 - September 12, 2020 (16.5 hours)
- Training for Student Conduct Hearing Board Members, Student Conduct Institute, State University of New York, August 24, 2020 - September 1, 2020 (16.6 hours)
- Community Engaged Teaching & Learning Community of Practice, Campus Compact, June 9, 2020 - August 18, 2020 (9 hours)
- Clery Act Basics Mandatory Training, Slippery Rock University, July 22, 2020 (0.5 hour)
- Equity in Remote Education Webinar, The Chronicle for Higher Education, July 22, 2020 (1 hour)
- Addressing Suicide Prevention in African American Youth: Risk and Protective Factors Webinar, University of Maryland Baltimore, July 16, 2020 (1 hour)
- Engaging Online: Promising Practices in E-Service Learning and Digital Civic Engagement Webinar, Campus Compact, July 16, 2020 (1.5 hours)
- Pitfalls and Possibilities for Ethical Partnerships and Critical Pedagogy in Service Learning and Community Engagement in the COVID-19 Era Webinar, Campus Compact, July 9, 2020 (1.5 hours)

- Risk Management in Community Engagement: Considerations and Recommendations in the Time of COVID-19 Webinar, Campus Compact, June 30, 2020 (1.5 hours)
- Front Porch Project Workshop, Butler Collaborative for Families' Prevention Council, June 30, 2020 (2 hours)
- SAFE ZONE Training, The Pride Center, Slippery Rock University, June 17, 2020 (2 hours)
- Values-Centered Leadership I, DePaul University, April 6, 2020 - June 12, 2020 (30 hours)
- PASSHE virtual Federal Grant Writing Workshop with Jeremy Miner, PASSHE Faculty Professional Development Council (FPDC), May 27, 2020 (5 hours)
- Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control, World Health Organization (WHO), April 14, 2020 (1.5 hours)
- ePROTECT Respiratory Infections, World Health Organization (WHO), April 13, 2020 (0.5 hour)
- Advanced Service-Learning Community of Practice, Office for Community Engagement, Slippery Rock University, February 11, 2020 - April 21, 2020 (15 hours)
- Institute on Civic Prompts in the Major: Designs in Social Responsibility and the Public Good, Association of American Colleges and Universities, March 6, 2020 (8 hours)
- Global Engagement, Office for Global Engagement, February 25, 2020 (3 hours)
- Green Zone and GI Bill® 101, Leadership Development Office, Slippery Rock University, February 19, 2020 (1.5 hours)
- 2020 Engaged Departments Institute at SRU (Inaugural), Office for Community-Engaged Learning, January 24, 2020 (6 hours)
- Faculty Learning Community - Service Learning, Center for Teaching and Learning, Slippery Rock University, September 25, 2019 through November 20, 2019 (9 hours)
- Mental Health First Aid Certification, National Council for Behavioral Health, November 16, 2019 (7.5 hours)
- Human Subjects Research: Social & Behavioral Research, CITI Program, November 5, 2019 (4 hours)
- RCR Basic Course, CITI Program, November 2, 2019 (4 hours)
- Conflict of Interest mini-course, CITI Program, November 1, 2019 (1 hour)
- Diversity: Inclusion in the Modern Workplace, Continuing Education Program, Human Resources, Slippery Rock University, October 11, 2019 (0.5 hour)
- Touchstone: Tools for an Ethical Workplace, Continuing Education Program, Human Resources, Slippery Rock University, October 11, 2019 (0.75 hour)
- Engaging and Working with Generation Z, Continuing Education Program, Grants Office, Slippery Rock University, October 8, 2019 (4 hours)
- Professional Development Day on Mental Health, Continuing Education Program, SRU Emergency Management, October 7, 2019 (8 hours)
- MAA Allegheny Mountain Section NEXt Fall Workshop, Mathematics Association of America - Allegheny Mountain Section, September 28, 2019 (3 hours)
- Effective Teaching Practices Workshop (ETP), Center for Teaching and Learning, Slippery Rock University, September 5-10, 2019 (30 hours)

- Writing Tools in D2L, Center for Teaching and Learning, Slippery Rock University, September 10, 2019 (1 hour)
- Ethically Reporting Statistics: Managing Client's Expectations Webinar, American Statistical Association Committee on Professional Ethics, August 28, 2019 (1 hour)
- Working with Quizzes in D2L, Center for Teaching and Learning, Slippery Rock University, August 27, 2019 (1 hour)
- One-day Workshop on Teaching Statistics, George Mason University, July 18, 2019 (6 hours)
- Training through the Montgomery College Professional Development Program:
 - Spitz Planetarium Training, April 5-7, 2016 (18 hours)
 - Blackboard Essentials, February 4, 2015 (3 hours)
 - An Introduction to Open Educational Resources, January 22, 2015 (1 hour)
 - Making your Course Dynamic: Ideas for Breathing Life into Your Course, October 1, 2014 (1.5 hours)
 - African Cultural Festival, September 23, 2014 (1.5 hours)
 - In Their Own Voices: American from Central America, September 18, 2014 (2 hours)
 - Takoma Park / Silver Spring Campus Support Team Training, March 11, 2014 (1.5 hours)
 - Classroom Assessment Techniques, September 27, 2013, October 25, 2013, and November 22, 2013 (6 hours)
 - Class, Take Out Your Cell Phones: Using Technology to Enhance Classroom Learning, August 22, 2013 (2 hours)
 - Students with Disabilities in College; The Legal Issues, August 22, 2013 (0.5 hours)
- Training Seminars through the Eberly Center at Carnegie Mellon University between 1997 and 2002:
 - Overview of Student Motivation
 - Overview of Student Cognition
 - Planning Effective Lectures
 - Teaching First-Year Undergraduates
 - Inclusive Teaching for our Queer Students
 - Reflecting on your Teaching Style: Microteaching Workshop
 - Course & Syllabus Design
 - Why Some Students Struggle and How to Help Them
 - Monitoring Your Teaching Effectiveness
 - Women in the Classroom
 - Debunking Myths about Intelligence
 - Creating a Teaching Portfolio

- Grading Homework and Exams for Technical Courses
- Creating Effective Assignments and Exams
- Encouraging Intellectual Development and Critical Thinking

CURRENT PROFESSIONAL MEMBERSHIPS

American Association of University Women, American Statistical Association; Caucus for Women in Statistics; International Association for Official Statistics; International Association of Survey Statisticians; International Statistical Institute; Union of Concerned Scientists.

ADDITIONAL ACTIVITIES

- Member, Board of Directors, Pittsburgh Interfaith Evolutions Corporation, 2019-