

Carnegie Mellon University, The Tepper School of Business, Pittsburgh, PA
Teaching Instructor, May - June 2002

Carnegie Mellon University, Department of Statistics, Pittsburgh, PA
Research Assistant, January 2003 - August 2004
Research Assistant/Consultant, January 2001 - March 2002 Consultant to the National Academy of Sciences/National Research Council Committee to Review the Scientific Evidence on the Polygraph.
Teaching Instructor, Head Teaching Assistant, May 2000 - May 2004

Carnegie Mellon University, School of Computer Science, Pittsburgh, PA.
Research Assistant, April 1997 - May 1999

TEACHING
EXPERIENCE

Penn State University

Analysis of Discrete Data (STAT 504 - PSU World Campus), Spring 2007-2011/Spring 2014

Analysis of Discrete Data (STAT 504), Spring 2005/06/07/08/09/10/11/15

Applied Statistics (STAT 500 - PSU World Campus), Fall 2010

Categorical Data Analysis (STAT 544), Fall 2008/09, Fall 2011

Colloquium & Perspectives on Statistics (STAT 590), Fall 2014/15, Spring 2015/16

Data Privacy (STAT 597B), Fall 2014

Data Privacy (STAT 598B/CSE 598D), Fall 2007

Design and Analysis of Experiments (STAT 512), Spring 2012

Intermediate Applied Statistics (STAT 460), Fall 2004/05/06/07

Introduction to Computing Environments (STAT 597C), Fall 2008/09

Regression Analysis and Modeling (STAT 511), Fall 2011/13

Sampling Theory and Methods (STAT 506 - PSU World Campus), Fall 2015

Statistical Concepts and Reasoning (STAT 100), Spring 2016

Carnegie Mellon University

Introduction to Probability and Statistics (46731), Summer 2002

Introduction to Statistical Reasoning (36201), Summer 2000

POSTDOC &
STUDENT
ADVISING

Faculty Advisor, Statistics Graduate Students Association, Department of Statistics, Penn State, Fall 2014 - present.

Postdoc Advisor:

- Jing Lei (joint Postdoc with Carnegie Mellon University), 2011.

PhD Thesis Advisor:

- Michelle Pistner (Statistics), expected May 2019
- Yuji Samizio (Statistics), expected May 2018
- Joshua Snoke (Statistics), expected May 2018
- Vishesh Karwa (Statistics), 2014 (Postdoctoral Fellow at Harvard and Carnegie Mellon)
- Jeffery Woo (Statistics), 2013 (Lecturer, University of Virginia)
- Juyoun Lee (Statistics), 2009 (Senior Manager at Samsung)

MS Thesis Advisor:

- Yuji Samizio (Statistics), August 2016
- Eftychia Solea (Statistics), May 2014
- Nicole Khoury (Statistics), May 2013
- Xiaotian Zhu (Mathematics), December 2008.
- Byran Smucker (Statistics and Operations Research), December 2007

PhD Thesis Committee Member, minor advisor:

- Mildred Maldonado-Molina (Human Development (statistics minor), 2005)
- Lan Yu (Educational Psychology (statistics minor), 2007)
- Tamika Gilreath (Biobehavioral Health Department (statistics minor) 2007)
- Hyekyung Jung, (Statistics, 2007)
- Bimal Balakrishnan (Mass Communication (statistics minor), 2008)
- Gregorio Convertino (Information Sciences and Technology, 2008)
- Yuejiao Ma (Statistics, 2009)
- Alexander Yin (Higher Education (masters in applied statistics), 2009)
- Qiong Wu (Educational Psychology (statistics minor), 2009)
- Joanna Bissel (Human Development (statistics minor), 2010)
- Wen Hu (Civil Engineering (statistics minor), 2010)
- Hong Li (Educational Psychology (statistics minor), 2011)
- Kun-Feng Wu (Civil Engineering (statistics minor), 2011)
- Claudia Nau (Social Science, 2012)
- Anna Wu (Information Sciences and Technology (statistics minor), 2012)
- Abhradeep Guha Thakurta (Computer Science and Engineering, 2013)
- Yeying Zhu (Statistics, 2013)
- Yu Zhao (Educational Psychology (statistics minor), 2015)
- Fei Yu (Statistics, at Carnegie Mellon University), 2015)
- Kyung Sun Chung (Educational Psychology (statistics minor))
- Daniel Kwon (Civil Engineering (statistics minor))
- Mark Umbricht (Higher Education (statistics minor))
- William Wright (Mathematics (statistics minor))
- Edward Zechmann (Acoustics (statistics minor))

MS Thesis Committee Member*, project advisor:

- Michelle Pistner (Statistics, Summer 2016-present)
- Ann Johnson (Statistics, Summer 2016-present, co-advised with S. Petrovic)

- Ardalan Mirshani (Statistics, Summer 2015-present, co-advised with M. Reimherr)
- Ben Sheng (Statistics, Summer 2015-present, co-advised with L. Bao)
- Eftychia Solea (Statistics, Summer/Fall 2015, co-advised with B. Li)
- Christopher Ipken (Demography, BDSS, Fall 2014-Spring 2015)
- Muzi Zhang (Statistics, Summer 2015)
- Anni Li (Statistics, undergraduate, Spring 2014)
- Joshua Snoke (Statistics, Spring 2014 -Summer 2015)
- Eftychia Solea (Statistics, Summer 2012)
- Vishesh Karwa* (Civil Engineering, August 2009; independent study, Summer 2008)
- Jeffery Woo (Statistics, independent study, Spring 2009)
- Matthew Tibbits (Statistics, Summer/Fall 2007)
- Tracey Wrobel (Statistics, Summer/Fall 2005)
- Ashley Perretta (Statistics, undergraduate, independent study, Spring 2005)

PROFESSIONAL
ACTIVITIES &
AFFILIATIONS

Associate Editor:

- Annals of Applied Statistics (AOAS), December 2009 - present
- Journal of Privacy and Confidentiality (JPC), January 2009 - present
- Journal of Statistical Computation and Simulation, June 2009 - August 2011.

Guest Editor: Special issue of JPC, 4/1/2012. Co-Editor, Adam Smith.

Column Editor: CHANCE, November 2010 - present

Referee: Annals of Applied Statistics, Annals of Statistics, Bayesian Analysis, Biometrics, European Journal of Operational Research, Journal of American Statistical Association, Journal of Official Statistics, Journal of Statistical Planning and Inference, Journal of Symbolic Computation, Journal of the Italian Statistical Society, Management Information Systems Quarterly, Statistica Sinica, Section on Bayesian Statistical Science (SBSS) Student Paper Competition Judging Committee for JSM 2007 Awards Committee, Peer Reviewer for the National Science Foundation, the National Security Agency.

Advisory Committee:

- *Office of Information Security Advisory Board*, Penn State University, October 2015 - present.
- *Research Cyber Infrastructure Advisory Council*, Penn State University. May 2015 - June 2016.
- *IGERT Big Data Social Sciences Steering Committee*, Penn State University. June 2012 - present.
- *CTSI Penn State Directors' Council*, **Data Privacy Officer**, Penn State University. June 2011- present.
- *Law and Neuroscience Project advisory group*, "Reasoning from Group Data to Individual Decision Making." Sponsored by the MacArthur Foundation. Chicago, September 9-11, 2010.

- *Geographic Information Analysis (GIA) Core*, Population Research Institute, Penn State University, September 2010-present.

Organizing committee:

- *Invited Session at ICML 2016*: “Second International workshop on Theory and Practice of Differential Privacy (TPDP 2016)” New York, NY, June 2016.
- *Invited Session at JSM 2016*: “Statistical Foundations of Data Privacy” Chicago, IL, August 2016.
- *Invited Session at JSM 2015*: “Has Informed Consent Outrun its Usefulness?”, Seattle, WA, August 2015.
- *Fifth IEEE International Workshop on Privacy Aspects of Data Mining (PADM 2014)*, Shenzhen, China, December 14, 2014.
- *Invited Session at JSM 2014*: “Genomic Privacy: Risk and Protection Methods” Boston, MA, August 2014.
- *The Rao Prize Conference, 2013*, Department of Statistics, PSU, October 5, 2013.
- *Invited Session at JSM 2013*: “Session in honor of 70th birthday of Stephen E. Fienberg and his nearly 50 years of statistical practice.” Montreal, CA, August 2013.
- *Conference & Tutorials: Algebraic Statistics in the Alleghenies 2012 at The Pennsylvania State University*, Departments of Mathematics & Statistics, PSU, June 8-15, 2012.
- *Workshop: Statistical and Learning-Theoretic Challenges in Data Privacy*, IPAM, February 22-26, 2010.
- *Invited Session at JSM 2009*: “O’Privacy Where are Thou: Mapping the Landscape of Data Privacy and Confidentiality,” Washington, DC, August 2009.
- *Invited Session at JSM 2009*: “Rigorous Foundation of Data Privacy and Confidentiality,” Washington, DC, August 2009.
- *Workshop on Matrix Theory and Computations for Research in Social and Physical Sciences*, Department of Statistics, PSU, July 2006.

Program Committee:

- *2nd International Workshop on Genome Privacy and Security (GenoPri’15)*, 36th IEEE Symposium on Security and Privacy, San Jose, CA, May 2015.
- *Privacy in Statistical Databases Conference (PSD 2014, 2016)*. September 2014, 2016.
- *Workshop on Privacy Aspects of Data Mining (PADM 2011)*, IEEE International Conference on Data Mining (ICDM 2011), December 2011.
- *Scientific Programme Committee for the ISI Young Statisticians Meeting*, The ISI World Congress, Dublin, August 2011.
- *Workshop on Privacy and Security Aspects of Data Mining*, The Fifth and Sixth IEEE International Conference on Data Mining, November 2005, October 2007.

- *Session on Computer Security and Data Privacy*, the IEEE International Conference on Granular Computing, May 2006.

Committee/Panel Member:

- *American Statistical Association (ASA) Committee on Privacy and Confidentiality in Statistics*, January 2012 - present.
- *The International Statistical Institute (ISI) Committee for Young Statisticians*, October 2011- present.
- *National Research Council, Transportation Research Board. Expert Task Group (ETG) on Data Access for Safety Data, Phase 1 (FA015)*, May 15, 2015 - December 31, 2018.
- *National Research Council, Transportation Research Board. Strategic Highway Research Program 2 (SHARP 2) Safety Expert Task Group (ETG) for Technology Issues Associated with Implementation of Safety Database, FAO13*, July 1, 2014 - March 15, 2015.
- *National Academy of Sciences, Committee on National Statistics' Panel on Measuring and Collecting Pay Information from U.S. Employers by Gender, Race, and National Origin*, February 2011 - August 2012.

Committee/Panel Member, Penn State University:

- Strategic Planning Advisory Committee (May 2014), Eberly College of Science
- Committee to Review Data Use Agreement Process (October 2012- May 2013), Penn State Hershey College of Medicine. .
- Promotion and Tenure Panel (P&T Workshop, Fall 2010, 2015), Eberly College of Science
- Mentoring Workshop Panel, *Mentoring in the Middle* (April 14, 2010), PSU Graduate Student and Faculty Issues Committee.

Committee Member, Department of Statistics, PSU:

- Associate Head for Equity and Diversity (2014-present)
- Associate Head for Graduate Studies (2013-present)
- Department Head Search Committee (2008/09, 2012)
- Interdisciplinary Initiatives (2008-present)
- Hiring and Retention (2008-2011)
- Outreach Advisory, PSU Statistics World Campus (2008-present)
- Primary Mentor STAT 460 (2008/09/10)
- Master's Exam (*Chair*, 2007/08,2012, 2011)
- Graduate Admissions (including online MAS program) (2007/08/10/11/12/14)
- Graduate Program (2005-present, Chair 2013-present)
- PhD Exam (2005/06)
- Colloquium Series (*Chair*, 2005)
- Social (*Chair*, 2005-present, 2004)
- Advisory and Strategic Planning Committee (2004/05/06)
- Statistical Consulting Center Faculty Advisory Committee (2005-2009)

Affiliations:

- International Statistical Institute (ISI) - *Elected member*, 2012-present
- The Institute of Mathematical Statistics, 2002 - present
- The American Statistical Association, 2002 - present
- International Society for Bayesian Analysis, 2004 - present

HONORS

- The Social Statistics, Government Statistics, and Survey Research Methods Sections Joint Statistical Meetings 2008 winner of Student and Postgraduate Paper Competition. Jointly with Byran Smucker
- IMA Long Term Visitor to the Program in Applications in Biology, Dynamics, and Statistics. (January 31 - March 31, 2007). The Institute of Mathematics and Its Applications (IMA). Minneapolis, MN
- Honorable Mention, Prize for the best student paper. *The Committee on Statisticians in Defense and National Security of the American Statistical Association* (2003)
- Honorable Mention, Best contributed poster/papers of the *Fifth International Conference on Forensic Statistics* (2002)
- Phi Kappa Phi National Honor Society, Carnegie Mellon University (2001-present)
- Duquesne University Tamburtizans Scholarship, Duquesne University (1993-1996)
- Liebermann Scholarship for Academic Excellence, Duquesne University (1993-1996)

FUNDING

NIH UL1 TR000127 and TR002014. (PI: Dr. L. Sinoway). “Penn State Clinical and Translational Science Institute”. Project dates: 09/01/16 - 08/31/2021. **Specialist: A. Slavković** - 10% effort. Direct and indirect costs: \$26,032,795.

NIH AH000611 “Privacy-protecting distributed analysis of biomedical big data”. (PI: D. Toh, Harvard Medical School and Harvard Pilgrim Health Care Institute). Project Dates: 9/1/2016 - 8/31/2019. Penn State subcontract, **co-PI: Slavković**. Direct and indirect costs: \$ 510,581.

NIH/NLM Grant number 182623 “Penn State Biomedical Big Data to Knowledge (B2D2K) Training Program.” (PI: M. Ritchie, **faculty: A. Slavković**). Project Dates: 06/01/2016-05/28/2021. Direct and indirect costs: \$ 208,067.

U.S. Census Bureau YA1323-RFQ-06-0802 (**PI: Slavković**). The U.S. Census Bureau’s Dissertation Fellowship Program support for Joshua Snoke. Project dates: 09/01/2016-08/31/2017. Direct and indirect costs: \$50,000.

NSF Award No. SES-1534433 (**PI: A. Slavković**, PSU; co-PI: R. Steorts, Duke). “Collaborative Proposal: Record Linkage and Privacy-Preserving Methods for Big Data”. Project dates: 09/15/15- 08/31/2018. Direct and indirect

costs PSU \$334,243.

Air Force STTR Phase I. Contract with Intelligent Automation Inc. (IAI). (**PI: A. Slavković** and co-PI, D. Kifer, PSU). “RADAR: Risk Assessment of Disclosure via Automated Reasoning. Project dates: 10/27/2013-7/27/2014. \$46,716.

NSF Award No: DGE-1144860 (PI: B. Monroe, co-PI: Giles, Hardy, MacEachren, Slavković). “IGERT: Big Data Social Science - An Integrative Education and Research Program in Social Data Analytics”. Project dates: 06/01/2012 - 05/30/2017. Total amount: \$2,999,713. **co-PI A. Slavković** - 0.5 summer.

U.S. Census Bureau: YA1323-12-SE-0303 (**PI: Slavković**). The U.S. Census Bureau’s Dissertation Fellowship Program support for Yong Ming Jeffrey Woo. Project dates: 08/01/2012-07/31/2012. \$50,000.

NSF Award No: DMS-1208837 (PI: J. Morton, The Pennsylvania State University. **Co-PIs:** S. Sullivant, North Carolina State University, M. Denker, S. Petrovic, **A. Slavkovic**, PSU. “Conference and Summer School: Algebraic Statistics in the Alleghenies”. Project dates: 05/01/2012-04/30/2013. \$36,000.

NIH/NCRR Grant Number UL1RR033184 (PI: Dr. L. Sinoway). “Penn State Clinical and Translational Science Institute”. Project dates: 07/01/11 - 06/31/2016. **Aleksandra Slavković - Data Privacy Officer** - 1.8 calendar months effort.

NSF Award No. BCS-0941553 (**PI: A. Slavković**; co-PIs: J. Abowd (Cornell), S. Fienberg (CMU), A. Smith (PSU), S. Raskhodnikova (PSU)). “CDI-Type II: Integrating Statistics and Computational Approaches to Data Privacy.” Project dates: 09/01/2010 - 08/31/2015. Direct and indirect costs PSU \$1,025,626.

NSF Award No. SES-0532407. (**PI: Slavković**) ”Statistical Disclosure Limitation Methods for Tabular Data.” Project dates: 10/01/2005 - 09/30/2008, extended to 09/30/2010. Direct and indirect costs \$260,000.

Collaborative research with National Institute of Statistical Sciences on NSF funded project EIA-0131884, (PI: Karr) ”Digital Government: Data Confidentiality, Data Quality and Data Integration for Federal Databases.” Project Dates: 05/01/2006-08/31/2006, and 05/01/2005 - 08/31/2005.

The Methodology Center Level-I pilot awarded from NIH NIDA 2 P50 DA10075 (PI: Collins) with E. Michael Foster. Project Dates: 05/01/2005 - 08/31/2005.

TRAVEL
GRANTS

The 9th International Society for Bayesian Analysis (ISBA) World Meeting. Hamilton Island, Australia. (July 2008); The 7th World Congress of Probabil-

ity and Statistics, Singapore (July 2008). Workshop on Data Confidentiality. Sponsored by National Science Foundation, Microsoft Corporation and IBM Almaden Research Center. Arlington, VA. (September 2007); Workshop on Algebraic Statistics and Computational Biology. (November 2005); The 69th Annual Meeting of the Institute of Mathematical Statistics and X Brazilian School of Probability (August 2006); Computer Science-Statistics Workshop on Privacy and Confidentiality (July 2005); DIMACS Workshop on Usable Privacy and Security Software. (March 2004); Workshop on Computational Algebraic Statistics. (December 2003); Challenges In Stochastic Computation Closing Workshop, SAMSI (June 2003); GROSTAT VI and First International School on Algebraic Statistics. (February 2003); Fifth International Conference on Forensic Statistics (September 2002).

INVITED
PRESENTATIONS

(16-21 July, 2017) ISI WSC in Marrakech, Morocco.

(October 15, 2016) 2016 Celebration in Honor of Steve Fienberg, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA.

(April 1, 2016) Department of Statistics, Duke University, NC. – to reschedule.

(July 2015) Institute of Mathematical Statistics Annual Meetings. Rio de Janeiro, Brazil. (presented by V. Karwa)

(August 2015) Joint Statistical Meetings. Seattle, WA. (presented by V. Karwa)

(April 2015) Workshop on Big Data for Social Policy. The Fields Institute for Research in Mathematical Sciences, Toronto. Canada.

(March 2014) BERD (Biostatistics, Epidemiology and Research Design) seminar, CTSI, Penn State University, PA.

(Spring 2015) Department of Applied and Computational Mathematics and Statistics, University of Notre Dame. Notre Dame, IN. To reschedule.

(November 2014) Applied Algebra and Network Theory Seminar. Department of Mathematics, Penn State University, PA.

(October 2014) Department of Statistics, University of Toronto, Toronto, Canada.

(October 2014) Department of Statistics. Georgia Tech, Atlanta, GA.

(September 2014) Conference on Privacy in Statistical Databases. Ibiza, Spain.

(August 2014) Joint Statistical Meetings. SAMSI Session. Boston, MA.

INVITED
PRESENTATIONS

- (August 2014) Discussant. Joint Statistical Meetings. Boston, MA
- (July 2014) Institute of Mathematical Statistics Annual Meetings. Sydney, Australia.
- (June 2014) Panelist. *Genomic Privacy*. 13th Annual Workshop on the Economics of Information Security. Penn State University, PA.
- (May 2014) Algebraic Statistics Conference. Illinois Institute of Technology, Chicago, IL. (presented by V. Karwa)
- (February 2014) REM Seminar. College of Education. University of Florida, Gainesville, FL.
- (January 2014) Research Data Center, Penn State, PA.
- (November 2013) The Center for Medical Genomics. Penn State, PA.
- (October 2013) Workshop on *Social Network Data: Analysis and Collection*. SAMSI, Research Triangle Park, NC
- (October 2013) Panelist. *Estimation of Re-Identification Risk Panel Workshop*, 10th International Conference on Health Policy Statistics (ICHPS) Conference, Chicago, IL.
- (October 2013) Algebraic Statistics Seminar. Department of Applied Mathematics. Illinois Institute of Technology, Chicago, IL.
- (September 2013) Workshop on *Integrating Approaches to Privacy across the Research Life cycle*. The Center for Research on Computation and Society. Harvard, Boston, MA.
- (August 2013) Joint Statistical Meetings. Montreal, Canada.
- (April 2013) Department of Statistics. Cornell University, Ithaca, NY.
- (March 2013) Department of Statistics. Temple University, Philadelphia, PA.
- (March 2013) Panelist. Symposium on *Data Management in Biomedical Research: Information Challenges and Practical Strategies*. Penn State Hershey and CTSI. Hershey, PA.
- (December 2012) Social Statistics Group. Department of Statistics. London School of Economics. London, UK.
- (November 2012) EPFL Statistics Seminar. Laussane, Switzerland.
- (October 2012) Methodology & Statistics Seminar. Utrecht University. Utrecht, Netherlands.
- (September 2012) Conference on Privacy in Statistical Databases. Palermo, Italy.

INVITED
PRESENTATIONS

(March 2012) Department of Statistics, University of Pennsylvania, PA.

(February 2012) Applied Algebra Seminar. Department of Mathematics, Penn State, PA.

(October 2011) Mini-symposium on *Categorical Data: Contingency Tables and Network Structures*, SIAM Conference on Applied Algebraic Geometry, North Carolina State University, NC.

(May 2011) The Fourth Erich L. Lehmann Symposium, Rice University, Houston, TX.

(July 2010) Society of Industrial and Applied Mathematics (SIAM), Annual Meeting, Pittsburgh, PA.

(March 2010) Advances in Algebraic Statistics. AMS Spring Southeastern Sectional Meeting, University of Kentucky, Lexington, KY.

(February 2010) Statistical and Learning-Theoretic Challenges in Data Privacy. Institute For Pure and Applied Mathematics, Los Angeles, CA.

(February 2010) Department of Mathematics, California State University, Fullerton, CA.

(November 2009) Department of Statistics, Ohio State University, Columbus, OH.

(August 2009) Joint Statistical Meetings, Washington, DC.

(May 2009) Center for Statistical and Social Sciences, University of Washington, Seattle, WA.

(March 2009) Science, Technology, and Society Program, Penn State University, University Park, PA.

(March 2009) Departments of Mathematics and Statistics, University of Kentucky, Lexington, KY.

(December 2008) Workshop in Algebraic Statistics. Mathematical Sciences Research Institute (MSRI), Berkeley, CA.

(November 2008) Department of Statistics, University of California, Berkeley, CA. *Neyman Seminar*.

(July 2008) The 9th International Society for Bayesian Analysis (ISBA) World Meeting. Hamilton Island, Australia. Poster Session.

(July 2008) The 7th World Congress in Probability and Statistics. Singapore.

(May 2008) ORM/NCHS/CDC/NISS Workshop on Data Confidentiality: The Next Five Years. Hyattsville, MD

INVITED
PRESENTATIONS

(February 2008) BSF/DIMACS/DyDAn Workshop on Data Privacy. Center for Discrete Mathematics & Theoretical Computer Science, Piscataway, NJ.

(January 2008) Methodology Center, Penn State, University Park, PA.

(October 2007) Workshop on Privacy and Security Aspects of Data Mining. 7th IEEE International Conference on Data Mining, Omaha, NE.

(October 2007) RAND, Pittsburgh, PA.

(July 2007) Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade, Serbia.

(March 2007) Workshop in Applications in Biology, Dynamics, and Statistics. The Institute of Mathematics and Its Applications, Minneapolis, MN.

(December 2006) Conference on Privacy in Statistical Databases. Rome, Italy.

(December 2006) New York University Stern Business School, New York, NY.

(November 2006) The Quantitative Social Science Initiative, Penn State University, University Park, PA.

(July 2006) The National Institute of Statistical Sciences, Research Triangle Park, NC.

(June 2006) The Faculty of Mathematics, University of Belgrade, Belgrade, Serbia.

(March 2006) Data Confidentiality Mid-Year Workshop A Working Group in National Defense and Homeland Security at SAMSI. National Center for Health Statistics, Hyattsville, MD.

(January 2006) AMS Special Session on Algebraic Statistics. Joint Mathematics Meetings, San Antonio, TX.

(August 2005) Eight North American Meeting of New Researchers in Statistics and Probability. Minneapolis, MN.

(July 2005) Computer Science-Statistics Workshop on Privacy and Confidentiality. University of Bologna Residential Center, Bertinoro (Forl), Italy.

(June 2005) Department of Mathematics, University of Novi Sad, Novi Sad, Serbia.

(June 2005) Statistical Office of the Republic of Serbia, Belgrade, Serbia.

(March 2005) Session on New Approaches to Statistical Access to Data in a Confidential World. ENAR 2005, Austin, TX.

INVITED PRESENTATIONS (December 2004) Session on Disclosure Limitation Methods for Protecting the Confidentiality of Statistical Data. International Conference on the Future of Statistical Theory, Practice and Education, Hyderabad, India.

(November 2004) Workshop on Privacy and Security Aspects of Data Mining, 4th IEEE International Conference on Data Mining, Brighton, England.

(March 2004) DIMACS Workshop on Usable Privacy and Security Software. Center for Discrete Mathematics & Theoretical Computer Science, Rutgers University, Piscataway, NJ.

(February 2004) Department of Statistics, Harvard University, Boston, MA.

(February 2004) Department of Statistics, Penn State University, University Park, PA.

(November 2003) Data Confidentiality Day. The Bureau of Labor Statistics, Washington, DC.

(August 2003) Joint Statistical Meeting, San Francisco, CA. Poster Session.

(July 2003) International Conference on Application of Computer Algebra. Raleigh, NC.

(June 2003) Challenges In Stochastic Computation Closing Workshop. SAMSI, Research Triangle Park, NC.

(June 2002) C. Warren Neel Conference on Statistical Data Mining & Knowledge Discovery. Knoxville, TN.

PRESENTATIONS (August 2011) Joint Statistical Meetings, Miami, FL.

(August 2006) The 69th Annual Meeting of the Institute of Mathematical Statistics and X Brazilian School of Probability. Instituto Nacional de Matematica Pura e Aplicada (IMPA), Rio de Janeiro, Brazil.

(August 2005) Joint Statistical Meetings, Minneapolis, MN.

(October 2003) Math Department, University of California Berkeley.

(August 2003) Joint Statistical Meetings, San Francisco, CA. Contributed Paper Session on Disclosure/Confidentiality.

(September 2002) Fifth International Conference on Forensic Statistics. Isola di San Servolo, Venice, Italy. *Honorable Mention* among contributed papers.

(April 1999) ACM CHI'99 Conference on Human Factors in Computing Systems. Pittsburgh, PA. Poster.

INVITED
WORKSHOPS

(December 2013) *Big Data and Differential Privacy*. The Simons Institute for the Theory of Computing, University of California, Berkeley, CA.

(May 2013) *What to keep and how to analyze it: Data Curation and Data Analysis with Multiple Phases*. The Radcliffe Institute for Advanced Study, Harvard, Boston. MA.

(March 2013) *Differential Privacy and Economics and the Social Sciences*. Simons Foundation, New York, NY.

(May 7- 11, 2012) *User-Centered Modeling*. The Institute for Mathematics and its Applications (IMA) at the University of Minnesota.

(March 15-16, 2012) *Workshop on Privacy and Confidentiality Issues in Financial Data Exchanges*. Center for the Study of Global Financial Stability. Penn State, University Park, PA.

(December 11-16, 2011) *Singular learning theory*. American Institute of Mathematics (AIM), Palo Alto, CA.

(December 16-17, 2010) *Workshop on the Future of Observatories in the Social Sciences*. Sponsored by the National Science Foundation's Social, Behavioral and Economic Sciences Directorate, Arlington, VA.

(February 22-26, 2010) *Statistical and Learning-Theoretic Challenges in Data Privacy*. Institute for Pure & Applied Mathematics (IPAM), Los Angeles, CA.

(December 15-18, 2008) *Algebraic Statistics*. Mathematical Sciences Research Institute (MSRI). Berkeley, CA.

(May 1-2, 2008) *Workshop on Data Confidentiality: The Next Five Years*. Sponsored by Office of Research and Methodology (ORM), National Center for Health Statistics (NCHS), CDC, National Institute of Statistical Sciences (NISS). Hyattsville, MD.

(February 4-8, 2008) *Workshop on Data Privacy*. Sponsored by BSF/DIMACS Center for Discrete Mathematics & Theoretical Computer Science. Piscataway

(September 6-8, 2007) *Workshop on Data Confidentiality*. Sponsored by National Science Foundation, Microsoft Corporation and IBM Almaden Research Center. Arlington, VA.

(January 31-March 31, 2007) *Applications of Algebraic Geometry*. The Institute for Mathematics and Its Applications (IMA), Minneapolis, MN.

(March 13, 2006) *Data Confidentiality Mid-Year Workshop A Working Group in National Defense and Homeland Security at SAMSI*. National Center for Health Statistics, Hyattsville, MD.

(November 12-14, 2005) *Workshop on Algebraic Statistics and Computational*

Biology. Clay Mathematics Institute, Boston, MA.

(July 9-15, 2005) *Computer Science-Statistics Workshop on Privacy and Confidentiality*, University of Bologna Residential Center, Bertinoro (Forl), Italy.

(November 1-4, 2004). *Workshop on Privacy and Security Aspects of Data Mining*. 4th IEEE International Conference on Data Mining, Brighton, UK.

(March 15-16, 2004) *DIMACS Workshop on Usable Privacy and Security Software*. Center for Discrete Mathematics & Theoretical Computer Science, Piscataway, NJ.

(December 14-18, 2003) *Workshop on Computational Algebraic Statistics*. American Institute of Mathematics, Palo Alto, CA.

(February 17-23, 2003) *GROSTAT VI and First International School on Algebraic Statistics*. Menton, France.

WORKSHOPS

(October 2013) *International graduate students*. International Student and Scholar Advising. Penn State University, University Park, PA.

(August 2013) *Computational Methods in Social Sciences*, SAMSI, Research Triangle Park, NC.

(October 2011) *CTSI Tracking and Evaluation Workshop*. Hershey College of Medicine, Hershey, PA.

(November 2010) *Census Research Data Center Network: Annual Research Conference*, Maryland Population Research Center, University of Maryland, College Park, MD.

(October 2010) *STRIDE Workshop*, Pennsylvania State University, University Park, PA.

(September 2008) *Discrete Models in Systems Biology*. SAMSI, Research Triangle, NC.

(May 2008) *Nonparametric Statistics and Mixture Models: Past, Present and Future*. Penn State University, University Park, PA.

(June 2007) *12th Summer Institute on Longitudinal Methods*. The Methodology Center, Penn State University, University Park, PA.

(September 2007, 2005, 2003, 2001) *Case Studies in Bayesian Statistics*. Department of Statistics, Carnegie Mellon University, Pittsburgh, PA.

(October 2005) *The Methodology Center Fall Retreat*. The Methodology Center, Penn State University, University Park, PA.

(March 2003) *Privacy in Data*. ALADDIN Center & the Data Privacy Lab, Carnegie Mellon University, Pittsburgh, PA.

B. Li, V. Karwa, A. Slavkovic, B. Steorts. "A Privacy Preserving Algorithm to Release Sparse High-dimensional Histograms." *Under review*.

Woo, J., and Slavković, A. "Generalized Linear Model Estimation with PRAM, with Dependent Covariates". *Under review*.

Snoke, J., B. Nowok, G. M. Raab, C. Dibben, and A. Slavkovic (2016). "General and specific utility for synthetic data." *Under revision*. <https://arxiv.org/abs/1604.06651>.

Jing Lei, Anne-Sophie Charest, Aleksandra Slavkovic, Adam Smith, Stephen Fienberg (2016) "Differentially Private Model Selection with Penalized and Constrained Likelihood". *Under revision*. <http://arxiv.org/abs/1607.04204>.

Ben Sheng, Kimberly Marsh, Aleksandra B. Slavkovic, Simon Gregson, Timothy B. Hallett, Jeffrey W. Eaton, Le Bao. "Statistical Models for Estimating HIV/AIDS Epidemics with Multiple Types of Prevalence Data". *AIDS. Vol 31, to appear*.

Solea, E, Li, B. and Slavković, A. "BRIC and MINT: statistical learning of emerging markets ". *Journal of Applied Statistics. To appear in print. Online January 31, 2017*.

Karwa, V., Krivitsky, P. and Slavković, A., (2017) "Sharing Social Network Data: Differentially Private Estimation of Exponential Family Random Graph Models." *JRSS-C. Volume 66, Part 3, 1-20*.

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Column Editor, A. Slavkovic. S.E. Fienberg (2011). What Should Privacy Mean to You?. *CHANCE Column O Privacy, Where Art Thou.* VOL. 24, No. 2.

COMPUTER
SKILLS

Software: R, S-plus, SAS, SPSS, Minitab, Matlab, LattE, 4ti2
Programming: elementary knowledge of C++, Java, HTML.
Operating Systems: UNIX/Linux, Windows, Macintosh.

LANGUAGES

Serbian (native), English (fluent), German and Spanish (beginner)

NON-PROFIT
ACTIVITIES &
AFFILIATIONS

Duquesne University Tamburitzans - dance, vocal, flute, interpreter, 1993-96
Performer with the Serbian National Federation Cultural Department
Carnegie Mellon University Ballroom Dance Club
Penn State University Ballroom Dance Club & Social Dance club