Zack W Almquist

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Education

2013	PhD	Sociology	University of California, Irvine

• *Vertex Processes in Social Networks* (Carter T Butts, Chair)

2010	MA	Sociology	University of California, Irvine
2008	MA	Demography	University of California, Irvine
2007	MS	Statistics	Northwestern University
2005	BS	Mathematics (*Hons*)	University of Oregon

Professional positions

2013-Present University of Minnesota – Twin Cities
Assistant Professor, Department of Sociology and School of Statistics
– Affiliate, Minnesota Population Center
– Affiliate, Life Course Center
– Affiliate, Data Science Program

Research interests

Social Network Analysis, Mathematical and Computational Sociology, Spatial Analysis, Demography, Public Health, Methodology, Environmental Sociology, and Human Judgment and Decision Making.

Awards and honors

2014 Army Research Office (ARO) Young Investigator Award.

2013 Outstanding Dissertation in Progress Award from the American Sociological Association's Section on Mathematical Sociology for *Vertex Processes in Social Networks*.

2012 Honorable Mention (2nd place) for the Student Paper Competition from the Pacific Chapter of the American Association for Public Opinion Research (PAPOR) for *Predicting Regional Self-Identification from Spatial Network Models*.

2012 Honorable Mention for the Robin Williams Jr. Paper Award from the Department of Sociology, University of California, Irvine for *Random errors in egocentric networks*.

2011 Best Methodological Poster Award from the 4th Annual Political Networks Conference for *Contending Parties: A Logistic Choice Analysis of Inter and Intra-group Blog Citation Dynamics in the 2004 US Presidential Election* (with Carter T Butts).

2011 Order of Merit Award: A. Kimball Romney Award for Outstanding Research Paper from the School of Social Sciences, University of California, Irvine for *Predicting Regional Self-Identification from Spatial Network Models*.

2005 Graduated with departmental honors in Mathematics and from the Honors College, University of Oregon. Honors thesis: *Lower Tail Probabilities and the Gaussian Process*.

Peer-reviewed articles

Butts, C. T. and Z. W. Almquist (2015). A Flexible Parameterization for Baseline Mean Degree in Multiple-Network ERGMs. *The Journal of Mathematical Sociology* 39(3), 163–167.

Almquist, Z. W. and C. T. Butts (2015). Predicting Regional Self-Identification from Spatial Network Models. *Geographical Analysis* 47(1), 50–72.

Smith, E. J., C. S. Marcum, A. Boessen, Z. W. Almquist, J. R. Hipp, N. N. Nagle, and C. T. Butts (2014). The Relationship of Age to Personal Network Size, Relational Multiplexity, and Proximity to Alters in the Western United States. *The Journal of Gerontology: Series B* 70(1), 91–99.

Almquist, Z. W. and C. T. Butts (2014). Logistic Network Regression for Scalable Analysis of Networks with Joint Edge/Vertex Dynamics. *Sociological Methodology* 44(1), 273–321.

Boessen, A., J. R. Hipp, E. J. Smith, C. T. Butts, N. N. Nagle, and Z. W. Almquist (2014). Networks, Space, and Residents' Perception of Cohesion. *American Journal of Community Psychology* 53(3), 447–461.

Almquist, Z. W. and C. T. Butts (2013). Dynamic Network Logistic Regression: A Logistic Choice Analysis of Inter- and Intra-group Blog Citation Dynamics in the 2004 US Presidential Election. *Political Analysis* 21(4), 430–448.

Almquist, Z. W. and C. T. Butts (2012). Point process models for household distributions within small areal units. *Demographic Research* 26(22), 593–632.

Almquist, Z. W. (2012). Random errors in egocentric networks. *Social Networks* 34(4), 493–505.

Almquist, Z. W. (2010). US Census Spatial and Demographic Data in R: The UScensus2000 Suite of Packages. *Journal of Statistical Software* 37(6), 1–31.

Book chapters

Almquist, Z. W. and C. T. Butts (2014). "Bayesian Analysis of Dynamic Network Regression with Joint Edge/Vertex Dynamics". In: *Bayesian Inference in the Social Sciences*. Ed. by I. Jeliazkov and X.-S. Yang. Hoboken, New Jersey: John Wiley & Sons.

Peer-reviewed conference proceedings

Kurant, M., M. Gjoka, Y. Wang, Z. W. Almquist, C. T. Butts, and A. Markopoulou (2012). Coarse-Grained Topology Estimation via Graph Sampling. In: *Proceedings of ACM SIGCOMM Workshop on Online Social Networks (WOSN) '12*. Helsinki, Finland.

Submitted articles

Almquist, Z. W. and B. E. Bagozzi (2015). *Using Environmental Extremist Texts to Uncover Network Structure and Network Features*.

Almquist, Z. W., E. S. Spiro, and C. T. Butts (2015). *Shifting Attention: Modeling Follower Relationship Dynamics among US Emergency Management-related Organizations*. Invited Book Chapter for interorganizational networks in disasters, Edited by AJ Faas and Eric Jones.

Almquist, Z. W. and C. T. Butts (2015). *Dynamic Network Analysis with Missing Data: Theory and Methods*. { Revise & Resubmit at Statistica Sinica }.

Butts, C. T., Z. W. Almquist, A. Boessen, E. Smith, J. R. Hipp, and N. N. Nagle (2013). *Analysis of Spatially Embedded Social Network Data in R*.

Working papers

Almquist, Z. W. and Y. Yang (2015). *Heuristics and data-collection strategies for the application of dynamic network models: A simulation study*.

Spiro, E. S. and Z. W. Almquist (2015). *Demographic Opportunity Structures in Activity-based Online Social Networks*.

Almquist, Z. W. and Y. Yang (2015). *Automatic model selection using penalized regression methods for Dynamic Network Logistic-Regression*.

Smith, E. J., Z. W. Almquist, A. Boessen, C. T. Butts, J. R. Hipp, and N. N. Nagle (2014). *Understanding the Job Lead Ties of Los Angeles Residents*.

Valluvan, R., Z. W. Almquist, A. Anandkumar, and C. T. Butts (2012). *Predicting Social Networks with Dynamic Vertex Sets via Latent Graphical Models with Covariates*.

Almquist, Z. W. and C. T. Butts (2012). *Evolving Context: Evidence from Temporal Change in Organizational Collaboration over the Course of the 2005 Katrina Disaster*.

Spiro, E. S., Z. W. Almquist, and C. T. Butts (2012). *The Persistence of Division: Geography, Institutions, and Online Friendship Ties*.

Grants and fellowships

External

2014-2017	Almquist, Z. W. (PI). "Scalable Temporal Network Models with Population Dynamics: Estimation, Simulation, and Prediction." Award #W911NF-14-1-0577, Army Research Office (ARO), Young Investigator Program. $146,079.
2013-2014	Butts, C. T. (PI), and Almquist, Z. W. (Co-PI). "Doctoral Dissertation Research: Dynamic Network Models for the Scalable Analysis of Networks with Missing or Sampled Joint Edge/Vertex Evolution." Grant #SES-1260798, NSF, Social, Behavior & Economic Sciences (SBE), Methodology, Measurement and Statistics (MMS). $15,140.
06-08/2008	National Academy of Sciences (NAS) Fellowship Grant, funded by the NSF, to participate in the Young Scientist Summer Program (YSSP) at the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. $8,000.

Internal

2014-2015	DeWaard, J. and Almquist, Z. W. "Internal Migration and Recovery from the Great Recession in Urban Minnesota Counties and Neighborhoods." CURA Faculty Interactive Research Program, University of Minnesota. $45,000.
07/2014	Almquist, Z. W. and Meeden, G. "A Bayesian Approach to Finite Population Sampling for the Social Sciences: Applications to Sample Weighting and Small Area Estimation." Minnesota Population Center Proposal Development Grant, University of Minnesota. $8,000.
2008-2009	Social Science Merit Fellowship, University of California, Irvine.
2005-2006	University Fellowship, Northwestern University.

Seminars and invited presentations

Almquist, Z. W. (Feb. 2015). *Geographically Embedded Large-scale Interpersonal Networks: Theory and Methods*. Department of Political Science: 2015 Political Methodology Colloquium, University of Minnesota, Twin Cities.

Almquist, Z. W. (July 2014). *Methods for Missing Data in Dynamic Network Regression Models*. Invited Talk. The 2014 International Indian Statistical Association Conference On Research Innovations in Statistics for Health, Education, Technology, and Society, Riverside, CA.

Almquist, Z. W. (Oct. 2013). *US Census Spatial and Demographic Data in R with Applications to Spatially Embedded Social Networks*. Inequality & Methods Workshop, Minnesota Population Center, University of Minnesota, Twin Cities.

Almquist, Z. W. (Apr. 2013). *US Census Spatial and Demographic Data in R with Applications to Spatially Embedded Social Networks*. Center for Studies in Demography and Ecology Seminar Series, University of Washington, Seattle.

Almquist, Z. W. (Mar. 2013). *Population Dynamics and Network Dynamics: A Holistic Approach*. Department of Sociology and School of Statistics, University of Minnesota, Twin Cities.

Almquist, Z. W. (Feb. 2013). *Population Dynamics and Network Dynamics: A Holistic Approach*. NULab for Texts, Maps, and Networks, Northeastern University, Boston, MA.

Almquist, Z. W. (Feb. 2013). *Population Dynamics and Network Dynamics: A Holistic Approach*. Department of Sociology, Stony Brook University, Long Island, NY.

Almquist, Z. W. (Jan. 2013). *Population Dynamics and Network Dynamics: A Holistic Approach*. Department of Sociology, University of South Carolina, Columbia.

Almquist, Z. W. (Dec. 2012). *Modeling Household Locations from Census Data: Some Simple Techniques, with Application to Social Networks*. Population, Society and Inequality Seminar Series, University of California, Irvine.

Almquist, Z. W. (Nov. 2012). *Population Dynamics and Network Dynamics: A Holistic Approach*. Department of Sociology, University of Nebraska - Lincoln.

Almquist, Z. W. (Apr. 2010). *US Census Spatial and Demographic Data in R*. Population, Society and Inequality Seminar Series, University of California, Irvine.

Conference presentations

Almquist, Z. W. and Y. Yang (Aug. 2015). *Heuristics and data-collection strategies for the application of dynamic network models: A simulation study*. The 110th Annual Meeting of the American Sociological Association: Paper Session in Mathematical Sociology, Chicago, IL.

Gibson, B., Z. W. Almquist, and C. T. Butts (Aug. 2015). *Scalable Estimation of Temporal ERGMs with DNR Structure from Egocentrically Sampled Data*. The 110th Annual Meeting of the American Sociological Association: Paper Session in Innovative Methodological Applications to Data Analysis, Chicago, IL.

Spiro, E. and Z. W. Almquist (Aug. 2015). *Social Interaction in Activity-Based Online Communities*. The Joint Statistical Meetings (JSM) 2015, Seattle, WA.

Almquist, Z. W. and Y. Yang (Aug. 2015). *Data-Collection Strategies for the Application of Conditional Dynamic Network Models*. The Joint Statistical Meetings (JSM) 2015, Seattle, WA.

Almquist, Z. W. and Y. Yang (Aug. 2015). *Predictive Assessment of Common Estimation Strategies for Dynamic Network Regression Models*. 17th Meeting of New Researchers in Statistics and Probability, Seattle, WA.

Almquist, Z. W. and Y. Yang (June 2015). *Heuristics and data-collection strategies for dynamic network sampling*. The 35th Sunbelt Network Conference (INSNA), Brighton, UK.

Spiro, E. and Z. W. Almquist (June 2015). *Demographic Opportunity Structures in Activity-Based Online Social Networks*. The 35th Sunbelt Network Conference (INSNA), Brighton, UK.

Bagozzi, B. and Z. W. Almquist (June 2015). *Using Extremist Texts to Uncover Network Structure and Network Features*. The 35th Sunbelt Network Conference (INSNA), Brighton, UK.

Almquist, Z. W. and Y. Yang (June 2015). *Suggested data-collection strategies for the application of dynamic network regression models: A simulation and empirical study*. Poster presentation at The International Conference on Computational Social Science, Helsinki, Finland.

Almquist, Z. W., J. DeWaard, S. Brower, K. Huang, and S. Chase (Apr. 2015). *A Method for Estimating Neighborhood-to-Neighborhood Migration Flows from County-to-County Flow Data*. The 2015 Annual Meeting of the Population Association of America, San Diego, CA.

Almquist, Z. W. and C. T. Butts (Aug. 2014). *Dynamic Network Logistic-Regression with Missing Data: Theory and Methods*. The Joint Statistical Meetings (JSM) 2014, Boston, MA.

Almquist, Z. W. and C. T. Butts (Aug. 2014). *Dynamic Network Analysis with Missing Data: Theory and Methods*. The 109th Annual Meeting of the American Sociological Association: Paper Session in Quantitative Methodology, San Francisco, CA.

Smith, E. J., C. M. Marcum, A. Boessen, Z. W. Almquist, J. R. Hipp, N. N. Nagle, and C. T. Butts (Aug. 2014). *The Relationship of Age to Network Size, Multiplexity, and Proximity to Alters in the Western U.S.* The 109th Annual Meeting of the American Sociological Association: Round Table in the Section on Aging and the Life Course, San Francisco, CA.

Almquist, Z. W. and C. T. Butts (Feb. 2014). *Bayesian Analysis of Dynamic Network Regression with Joint Edge/Vertex Dynamics*. The 34th Sunbelt Network Conference (INSNA), St. Pete Beach, FL.

Smith, E. J., C. M. Marcum, A. Boessen, Z. W. Almquist, J. R. Hipp, N. N. Nagle, and C. T. Butts (Feb. 2014). *The Relationship of Age to Personal Network Size, Relational Multiplexity, and Proximity to Alters in the Western United States*. The 34th Sunbelt Network Conference (INSNA), St. Pete Beach, FL.

Gibson, B., Y. Yu, Z. W. Almquist, and C. T. Butts (Feb. 2014). *Scalable Estimation of Temporal ERGMs with DNR Structure from Egocentrically Sampled Data*. Poster presentation at The 34th Sunbelt Network Conference (INSNA), St. Pete Beach, FL.

Almquist, Z. W. and C. T. Butts (Aug. 2013). *Dynamic Network Logistic-Regression: A Dynamic Logistic Choice Analysis of DNC and RNC Blog Citation Networks in the 2004 US Presidential Election*. The 108th Annual Meeting of the American Sociological Association: Paper Session in Mathematical Sociology, New York, NY.

Almquist, Z. W., E. S. Spiro, and C. T. Butts (May 2013). *Missing Data Methods for Dynamic Network logistic-Regression*. The 33nd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Smith, E., Z. W. Almquist, A. Boessen, C. T. Butts, J. R. Hipp, and N. Nagle (May 2013). *Social Cohesion across Demographics and Space*. The 33nd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Valluvan, R., Z. W. Almquist, A. Anandkumar, and C. T. Butts (Dec. 2012). *Modeling Dynamic Social Networks with Vertex Evolution via Latent Graphical Models*. Poster presentation at The 2012 NIPS Workshop on Social Network and Social Media Analysis, Methods, Models, and Applications, Lake Tahoe, NV.

Boessen, A., J. R. Hipp, C. T. Butts, N. Nagle, Z. W. Almquist, C. Marcum, and R. Acton (Nov. 2012). *Neighborhoods and Space: Situating Residents' Networks*. The American Society of Criminology Annual Meeting, Chicago, IL.

Almquist, Z. W. and C. T. Butts (Aug. 2012). *Logistic Network Regression for Scalable Analysis of Networks with Joint Edge/Vertex Dynamics*. The 107th Annual Meeting of the American Sociological Association: Regular Paper Session in Quantitative Methodology, Denver, CO.

Almquist, Z. W., E. S. Spiro, and C. T. Butts (Aug. 2012). *Dynamic Network Logistic Regression with Missing Data, with an Application to a Dynamic US Governmental Emergency Management-related Friend/Follower Network on Twitter*. The Fifth Joint Japan-North America Mathematical Sociology Conference, Denver, CO.

Almquist, Z. W. and C. T. Butts (May 2012). *Point Process Models for Household Distributions within Small Areal Units*. Poster presentation at The 2012 Annual Meeting of the Population Association of America, San Francisco, CA.

Almquist, Z. W. and C. T. Butts (Mar. 2012). *Evolving Context: Evidence from Temporal Change in Organizational Collaboration over the Course of the 2005 Katrina Disaster*. The 2012 Pacific Sociological Association Meeting, San Diego, CA.

Almquist, Z. W. and C. T. Butts (Mar. 2012). *Network Diffusion and the Effects of Geographic Heterogeneity within Human Populations.* The 32nd Sunbelt Network Conference (INSNA), Redondo Beach, CA.

Hipp, J. R., C. T. Butts, R. M. Acton, N. Nagles, A. Boessen, C. S. Marcum, and Z. W. Almquist (Mar. 2012). *Spatial Networks and the Perception of Neighborhood*. The 32nd Sunbelt Network Conference (INSNA), Redondo Beach, CA.

Valluvan, R., Z. W. Almquist, C. T. Butts, and A. Anandkumar (Mar. 2012). *Vertex Set Prediction of Dynamic Networks Using Semi-parametric Latent Tree Models*. The 32nd Sunbelt Network Conference (INSNA), Redondo Beach, CA.

Boessen, A., J. R. Hipp, C. T. Butts, R. M. Acton, N. Nagles, C. S. Marcum, and Z. W. Almquist (Mar. 2012). *If There's a Crime in Your Neighborhood, Who you Gonna Call?* The 32nd Sunbelt Network Conference (INSNA), Redondo Beach, CA.

Almquist, Z. W. and C. T. Butts (Feb. 2012). *Methods for Scalable Analysis of Temporal Network Data with Vertex and Edge Dynamics*. Poster presentation at the IMA Conference on Network Links: Connecting Social, Communication, and Biological Network Analysis, University of Minnesota.

Boessen, A., J. R. Hipp, C. T. Butts, C. S. Marcum, and Z. W. Almquist (Nov. 2011). *If There's a Crime In Your Neighborhood, Who You Gonna Call?* The American Society of Criminology Annual Meeting, Washington DC.

Hipp, J. R., C. T. Butts, R. M. Acton, N. Nagles, A. Boessen, and Z. W. Almquist (Nov. 2011). *Homophily, Propinquity, and Their Consequences for the Structure of Neighborhood Networks and Crime: Simulating Networks*. The American Society of Criminology Annual Meeting, Washington DC.

Spiro, E. S., Z. W. Almquist, and C. T. Butts (Aug. 2011). *Maintaining Ties from Coast to Coast: Selective Mixing Between Universities on Facebook*. The 106th Annual Meeting of the American Sociological Association: Paper Session in Methodology: A Gallery of Applications–Inequality, Status, and Other Social Processes, Las Vegas, NV.

Butts, C. T. and Z. W. Almquist (June 2011). *Dynamic Logit Models for Emergent Collaboration Networks*. The Third International ARS Workshop on Social Network Analysis – Collaboration Networks and Knowledge Diffusion: Theory, Data, and Methods, Naples, Italy.

Butts, C. T. and Z. W. Almquist (June 2011). *Modeling the Dynamics of Emergent Networks: Collaboration and Mass Convergence in the Hurricane Katrina Disaster*. The 4th Annual Political Networks Conference, University of Michigan.

Almquist, Z. W. and C. T. Butts (June 2011). *Contending Parties: A Dynamic Logistic Choice Analysis of DNC and RNC Blog Citation Networks in the 2004 US Presidential Election*. Poster presentation at The 4th Annual Political Networks Conference, University of Michigan.

Almquist, Z. W. and C. T. Butts (May 2011). *Logistic Network Regression for Scalable Analysis of Networks with Joint Edge/Vertex Dynamics*. The 9th Annual IMBS Graduate Student Conference, University of California, Irvine.

Butts, C. T. and Z. W. Almquist (May 2011). *Allies and Rivals: Modeling Citation Dynamics among Party-Credentialed Blogs in the 2004 US Electoral Cycle*. CSD Conference on Internet, Voting, and Democracy, Laguna Beach, CA.

Almquist, Z. W. and C. T. Butts (Mar. 2011). *Spatial Network Models for Predicting Regional Identification*. Poster presentation at the Complex Networks: Dynamics on Networks Workshop (SAMSI), Research Triangle Park, NC.

Almquist, Z. W. and C. T. Butts (Sept. 2011). *Contending Parties: A Logistic Choice Analysis of Inter and Intra-group Blog Citation Dynamics in the 2004 US Presidential Election*. The 31st Sunbelt Network Conference (INSNA), St. Pete Beach, FL.

Almquist, Z. W. and C. T. Butts (Aug. 2010). *Contending Parties: A Logistic Choice Analysis of Inter and Intra-group Blog Citation Dynamics in the 2004 US Presidential Election*. QMSS 2 Conference on Power, Decision Making and Social Networks, University College Dublin, Ireland.

Almquist, Z. W. (Aug. 2010). *Cognitive Models of Group Identification: The Case of Regional Self-Identification*. The 105th Annual Meeting of the American Sociological Association: Paper Session in Math Soc: New Developments in Mathematical Sociology, Atlanta, GA.

Almquist, Z. W. (July 2010). *US Census Spatial and Demographic Data in* R. useR!2010, National Institute of Standards and Technology, Gaithersburg, MD.

Almquist, Z. W. and C. T. Butts (July 2010). *Predicting Regional Self-Identification from Spatial Network Models*. The 30th Sunbelt Network Conference (INSNA), Riva Del Garda, Italy.

Almquist, Z. W., R. M. Acton, and C. T. Butts (Mar. 2009). *Dynamic Modeling of Organizational Coordination over the Course of the Katrina Disaster*. The 29th Sunbelt Network Conference (INSNA), San Diego, CA.

Almquist, Z. W. (Aug. 2008). *Multi-State Demographic Projections of Leipzig, Germany*. IIASA YSSP 2008 Late Summer Workshop, Laxenburg, Austria.

Software and data

Butts, C. T., J. R. Hipp, N. N. Nagle, A. Boessen, R. M. Acton, C. S. Marcum, Z. W. Almquist, E. J. Smith, and J. Lickfett (2014). *The American Social Fabric Study*. NCASD Lab (http://www.ncasd.org/).

Butts, C. T. and Z. W. Almquist (2013-present). *networkSpatial: Tools for the Generation and Analysis of Spatially-embedded Networks*. NCASD Lab (http://www.ncasd.org/).

Butts, C. T., A. Leslie-Cook, P. N. Krivitsky, S. Bender-deMoll, Z. Almquist, D. R. Hunter, L. Wang, K. Li, S. M. Goodreau, and M. Morris (2013-present). *networkDynamic: Dynamic Extensions for Network Objects*. CRAN (http://cran.r-project.org) and statnet (http://statnet.org) [2012-present, contributing member to statnet].

Leslie-Cook, A., Z. W. Almquist, P. N. Krivitsky, S. Bender-deMoll, D. R. Hunter, M. Morris, and C. T. Butts (2012-2013). *networkDynamic: Dynamic Extensions for Network Objects*. CRAN (http://cran.r-project.org) and statnet (http://statnet.org) [2012-present, contributing member to statnet].

Almquist, Z. W. (2009-present). *UScensus{1990, 2000, 2010}: The US Census Suite of R Packages*. CRAN (http://cran.r-project.org) and NCASD Lab (http://lakshmi.calit2.uci.edu/census2000/).

Teaching experience

Positions

2013-present	Assistant Professor, Department of Sociology and School of Statistics, UMN
2007-2008	Teaching Assistant, School of Social Science, UCI
2006-2007	Teaching Assistant, Department of Statistics, NU
2004-2005	Undergraduate Teaching Assistant, Department of Mathematics, UO

Courses taught

2015	G	Soc	Social Network Analysis: Theory and Methods	UMN	(1)
2014-2015	G	Soc	Advanced Social Statistics	UMN	(2)
2014-2015	U/G	Stat	Sampling Methodology in Finite Populations	UMN	(2)
2013	U	Stat	Data Analysis	UMN	(1)

Courses assisted (TA'd)

2008	U	Soc/Econ	Business Decisions	UCI	(1)
2008	U	Econ	Probability & Statistics	UCI	(1)
2007	U	SocSci	Probability & Statistics	UCI	(1)
2006-2007	U	Stat	Intro to Statistics	NU	(3)
2004-2005	U	Math	University Mathematics I/II	UO	(4)

Mentorship and advisement

PhD Committee

2015	Martin Bezener	Statistics	UMN

PhD Advancement Committee

2014	Abhishek Nandy	Statistics	UMN
current	Yang Yang	Statistics	UMN
current	Liqi (Kevin) Huang	Sociology	UMN

MS Chair

2015	Amy Jurvis	Statistics	UMN
2014	Kim Sungjin	Statistics	UMN

MS Committee

2014	Wen Fan	Statistics	UMN
2014	Zhongnan Jin	Statistics	UMN
2014	Xiao Zhong	Statistics	UMN

Research experience

2013-Present	Assistant Professor	University of Minnesota
	Department of Sociology and School of Statistics	
2009-2013	Graduate Student Researcher	University of California, Irvine
	PI Carter T Butts, Departments of Sociology, Statistics and EECS	
06-09/2008	Young Scientist Summer Program	IIASA, Laxenburg, Austria
	Sponsoring Groups: World Population Program and Health and Global Change Project	
06-09/2007	Research Analyst/Summer Internship	NORC at the University of Chicago
	Division of Statistics and Methodology	

Media and public engagement

02/2015	Panelist: "Love and Information"	Frank Theatre, Minneapolis, MN
01/2015	Quoted: "U readies new grad program"	MN Daily, Minneapolis, MN
04/2014	Interview with Jordana Green	News Radio 830 WCCO, Minneapolis, MN

Service to the profession

2015	Committee Member/Organizer	ASA Methodology Mid-year Conference
2015	Presider Regular Session	ASA Section on Methodology
2015	Organizer Regular Session	ASA Section on Methodology
2015	Session Chair (Statistical Demography)	Population Association of America
2014-2015	Organizer (Statistical Demography)	Population Association of America
2014-2015	Program Committee	Population Association of America
2014-2015	Committee Member, Diss. Award	ASA Section on Mathematical Sociology
2013-2014	Student Council Member (*Elected*)	ASA Section on Mathematical Sociology
2011	Panel Chair	4th Annual PolNets Conference

Service to the university

2013-present	CLA Quantitative Methods Collaborative	CLA	UMN
2011	Session Chair, IMBS Graduate Student Conference	IMBS	UCI
2011	Grad Div Panelist	GRC	UCI

Service to the department

2015-2016	Fellowship Committee	Statistics	UMN
2014-2016	Undergrad Affairs Committee	Sociology	UMN
2014-2015	Seminar Coordinator	Statistics	UMN
2014-2015	Sub-Committee Member, Undergraduate Curriculum	Statistics	UMN
2013-2016	Committee Member, Training (Pop Studies Minor)	MPC	UMN
2013-2014	Committee Member, Graduate Affairs & Admissions	Sociology	UMN
2013-2014	Committee Member, MS Curriculum Committee	Statistics	UMN
2013-2014	Committee Member, Computing	Statistics	UMN
2003-2005	Peer Advisor	Math	UO

Referee activities

Journal of Social Structure
Cognitive Science
Social Networks (5)
Springer Com Comp & Info Sci
Social Science Research (2)

Field Methods (2)
Sociological Methodology (2)
Journal of Comparative Family Studies
American Sociological Review (2)

American Journal of Sociology
Journal of Gerontology: Soc Sci (2)
Social Problems
Political Analysis

Other reviewer activities

Proposal Reviewer, Network Science Division, Army Research Office
Proposal Reviewer, SBE, National Science Foundation (2)

Professional memberships

2007-present	American Association for Public Opinion Research
2009-present	American Sociological Association
2013-present	American Statistical Association
2009-present	International Network for Social Network Analysis
2007-present	Population Association of America
2012-present	Sigma Xi