

**Anton Henry Westveld**  
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## Education

**University of Washington**, Seattle, WA

- PhD in Statistics (January 2007)

**University of Michigan**, Ann Arbor, MI

- Master of Applied Statistics
- Master of Applied Economics

**University of Michigan**, Ann Arbor, MI

- Bachelor of Arts in Economics
- Bachelor of Arts in Political Science

## Work Experience

**Department of Mathematical Sciences**, University of Nevada, Las Vegas, NV  
August 2007 - Present

- Assistant Professor of Statistics

**Fred Hutchinson Cancer Research Center**, Seattle, WA  
Summer 2008

- Visiting Researcher in the Computational Biology Division

**Center for Empirical Research in the Law & Center for Applied Statistics**, Washington  
University, St. Louis, MO  
January 2007 - July 2007

- Post-Doctoral Fellow working with Andrew Martin

**Center for Statistics and the Social Sciences**, University of Washington, Seattle, WA  
September 2006 - December 2006

- Statistical Consultant
  - Duties include: (1) assistance with study planning and design, (2) review of the analysis section of proposals and reports, (3) advice on data visualization and presentation, (4) assistance with the choice and application of statistical methods, and (5) development of specialized statistical methods.

**Department of Statistics**, University of Washington, Seattle, WA  
September 2002 - June 2006

- Research Assistant
  - Development of statistical methodology for dyadic data including methods for longitudinal social network data.

**Department of Statistics**, University of Washington, Seattle, WA  
September 2001 - September 2002

- Research Assistant
  - Development of statistical methodology for assessing uncertainty in numerical weather prediction models and other deterministic simulation models.

### Published Papers

- Calibrated Probabilistic Forecasting Using Ensemble Model Output Statistics and Minimum CRPS Estimation; Tilmann Gneiting, Adrian E. Raftery, Anton Westveld, and Tom Goldman; Monthly Weather Review; May 2005; Volume 133, Number 5; pgs. 1098-1118.

### Working Papers

- Bayesian Inference for Semiparametric Quantal Response Equilibrium Models; Kevin Quinn and Anton Westveld.
- A Bayesian Mixed Effects Model for Longitudinal Social Network Data [ASA-SBSS student paper award received for this work; submitted]; Anton H. Westveld and Peter D. Hoff.
- Foreign Direct Investment: A Longitudinal Social Network Approach; Nathan M. Jensen, Andrew D. Martin, and Anton H. Westveld
- A Latent Health Factor Index Modelling Approach via Generalized Linear Mixed Models, with Application to Ecological Health Assessment [submitted]; Grace S. Chiu, Peter Guttorp, Anton H. Westveld, Shahedul A. Khan, Jun Liang.
- A Method of Moments Approach for Longitudinal Social Network Data with General Stationary Covariance Matrices; Anton H. Westveld and Peter D. Hoff.
- A Statistical View of Learning in the Centipede Game [submitted]; Anton Westveld and Peter Hoff.
- Testing Gene Associations Using Co-citation Networks; Anton Westveld, Beiying Ding, and Robert Gentleman.

### Conference Proceedings Papers

- Bayesian Inference for Semiparametric Quantal Response Equilibrium Models; Kevin Quinn and Anton Westveld – Presented at the 2009 Joint Statistical Meeting [Stored at the 2009 JSM Proceedings]
- Foreign Direct Investment: A Longitudinal Social Network Approach; Nathan M. Jensen, Andrew D. Martin, and Anton H. Westveld – Presented at the 2007 Political Methodology Meeting [Stored at the Political Methodology website]
- Statistical Methodology for Longitudinal Social Network Data; Anton Westveld and Peter Hoff –Presented at the 2005 Joint Statistical Meeting and the 2005 American Political Science Association Meeting [Stored at the APSA Conference Proceedings website]
- Transnational Corporations, Economic Development and Human Rights: On the Importance of Assets and Institutions; Bjorn Letnes and Anton Westveld –Presented at the 2005 American Political Science Association Meeting [Stored at the APSA Conference Proceedings website]

### Presentations

- 2009 Joint Statistical Meeting [contributed paper]

- University of Nevada Las Vegas [invited talk] — School of Law (12/3/08)
- 2008 Spring Symposium for the Nevada Chapter of The American Statistical Association [invited talk]
- 2008 Recent Advances in Modeling Biological Processes Workshop [refereed poster]
- 2008 Networks in Political Science Workshop [refereed poster – best poster award]
- 2008 Institute of Mathematical Statistics New Researchers' Conference [refereed talk]
- 2007 Joint Statistical Meeting [contributed paper – student paper competition award]
- 2007 Political Methodology Meeting [refereed talk and faculty poster]
- 2007 Southern Regional Council on Statistics [invited talk]
- 2007 Seminar on Bayesian Inference in Econometrics and Statistics [refereed talk]
- University of Nevada Las Vegas [invited talk] — Department of Mathematical Sciences (2/23/07)
- Washington University in St. Louis [invited talk] — Department of Mathematics and Center for Applied Statistics (2/2/07)
- Washington University in St. Louis [invited talk] — Department of Political Science and Center for Applied Statistics (11/30/06)
- 2006 Joint Statistical Meeting [contributed talk]
- 2005 Joint Statistical Meeting [contributed talk]
- 2005 American Political Science Association [contributed talk]
- 2003 American Political Science Association [contributed talk]
- University of Washington in Seattle — Center for Statistics and the Social Sciences seminar [invited talk] (Fall 2003)
- 2002 Political Methodology Meeting poster [refereed poster]

### **Honors and Awards**

- Travel award — 2008 Institute of Mathematical Statistics New Researchers' Conference
- Travel award — 2008 Recent Advances in Modeling Biological Processes Workshop
- Best poster award — 2008 Networks in Political Science Workshop
- Nevada System of Higher Education (NSHE), NSF EPSCoR RING TRUE (Nov 2007–July 2008, \$30,000).
- Student paper award – American Statistical Association Section on Bayesian Statistical Science (2007).
- Travel award — Center for Statistics and the Social Sciences (2006).
- Excellence in Teaching by a Graduate Student (Department of Statistics, University of Washington, Seattle, WA; 1999 - 2000).

### **Professional Activities**

- Organized an invited session for the 2008 Joint Statistical Meeting titled “Political Science, Statistical Science, and Graphics”.
- Chair for the panel on non-parametric statistical methods for the Joint Statistical Meeting (2007).
- Discussant for a presentation on statistical social network analysis at the Political Methodology Meeting (2007).
- Chair and discussant for the panel on time series for the Midwest Political Science Association (2007).
- Chair and discussant for the panel on causality at the American Political Science Association Meeting (2005).
- Stat-Game working group (Organizer) through the Center for Statistics and the Social Sciences at the University of Washington. The group sought to expand the interface between game theory and statistical methodology (September 2002 - September 2003).

### **Professional Societies**

- American Statistical Association
- American Political Science Association
- Society for Political Methodology

### **Contacts**

[available upon request]