

Andrei Boutyline

Ph.D. Candidate
University of California, Berkeley
Department of Sociology
858-922-2922
boutyline@berkeley.edu

Curriculum Vitae

Employment

University of Michigan <i>Assistant Professor of Sociology</i>	Fall 2017	—	...
-------------------------------------------------------------------	-----------	---	-----

Education

University of California, Berkeley <i>Sociology</i>	PhD MA	2017 (<i>expected</i>) 2011
New York University <i>Humanities and Social Thought</i>	MA	2009
University of California, Berkeley <i>Cognitive Science, Computer Science (minor)</i>	BA	2004

Peer-Reviewed Research

Boutyline, Andrei and Stephen Vaisey. 2017. "Belief Network Analysis: A Relational Approach to Understanding the Structure of Attitudes." *American Journal of Sociology* 122, no. 5 (March): 1371-1447.

Boutyline, Andrei. "Improving the Measurement of Shared Cultural Schemas with Correlational Class Analysis: Theory and Method." Forthcoming in *Sociological Science*.

— *Graduate student paper award, ASA Mathematical Sociology section (2015)*

— *Honorable mention for graduate student paper award, ASA Section on Methodology (2016)*

Boutyline, Andrei and Robb Willer. 2016. "The Social Structure of Political Echo Chambers: Variation in Ideological Homophily in Online Networks." *Political Psychology*, April 2016. doi:10.1111/pops.12337

Patents

Nepomniachtchi, Grigori and Andrei Boutyline. Two patents for “Method for Applying Signature Simplicity Analysis for Improving the Accuracy of Signature Validation.”

— 2013. *Patent No. 8,452,098*. Washington, DC: U.S. Patent and Trademark Office.

— 2010. *Patent No. 7,787,695*. Washington, DC: U.S. Patent and Trademark Office.

Work in Progress

“The Unbearable Linearity of Being: Measuring Complexity across Different Cultural Domains” (in preparation.)

“Holding a Position: Methods and Findings for a Field Theory of Public Opinion” (in preparation.)

“When Trump Comes Home: How a Contentious Political Election Affected the Durability of Cross-Cutting Political Ties with Friends, Relatives, Neighbors and Coworkers” (gathering data.)

Dissertation

Title: “Theories and Methods for a Cognitive Macro-Sociology of Culture”

Committee: Neil Fligstein (co-chair), Robb Willer (co-chair),
Ann Swidler, Laura Stoker (political science).

Selected Awards and Honors

American Sociological Association Section on Methodology. Honorable mention, best paper award for graduate students. 2016.

American Sociological Association Mathematical Sociology Section. Winner, best paper award for graduate students. 2015.

National Science Foundation Graduate Research Fellowship Program. 2011 – 2014. (\$92,000).

National Science Foundation Integrated Graduate Education Research Traineeship in Politics, Economics, Psychology, and Public Policy (NSF-IGERT). 2010 – 2011. (\$30,000).

A. Richard Diebold Fellowship in Sociology. University of Calif., Berkeley. 2009 – 2010. (\$8,000).

The Herbert and Rose Hirschhorn Thesis Award.* Graduate School of Arts and Science, New York University. 2009. (For “How San Diego Got Its Heritage: A Collective Production In A City And Its Suburbs”. Advisor: Harvey Molotch.)

Invited Talks

“What Explains The Systematic Character of Political Attitudes? Evidence from Two Novel Methods for Structural Analysis of Culture”

— *Computational Sociology Working Group.* University of California, Los Angeles. April 2017.

- *Theory Workshop*. Sociology Department, University of Iowa. January 2017.
- *Morality and Hierarchy Workshop*. Sociology Department, Stanford University. October 2016.
- *Duke Network Analysis Center*. Duke University. February 2016.
- “Towards a Cognitive Macro-Sociology of Culture”
 - *American Sociological Association annual meeting*. Seattle, August 2016 (invited panel)
- “The Field Structure of Public Opinion: Theory and Methods for a Cognitive Macro-Sociology”
 - *Culture Workshop*. Sociology Department, Duke University. April 2014.
 - *Laboratory for Social Research*. Sociology Department, Stanford University. November 2013.

Selected Conference Presentations

- “Belief Network Analysis: Findings from a Novel Structural Methodology” (with Stephen Vaisey)
 - *American Sociological Association annual meeting*. Chicago, IL. August 2015.
- “Improving the Measurement of Shared Cultural Schemas with Correlational Class Analysis”
 - *American Sociological Association annual meeting*. San Francisco, CA. August 2014.
- “Belief Network Analysis: A Relational Approach to Understanding the Structure of Attitudes” (with Stephen Vaisey)
 - *American Sociological Association annual meeting*, August 2012. Denver, CO.
 - *Political Networks conference*, June 2012. Boulder, CO.
 - *International Network for Social Network Analysis conference (Sunbelt)*, February 2012. Redondo Beach, CA.
- “The Social Structure of Political Echo Chambers: Ideology and Political Homophily in Online Communication Networks” (with Robb Willer)
 - *Group Processes conference*. August 2013. New York, NY.
 - *American Sociological Association annual meeting*, August 2011. Las Vegas, NV.
 - *Political Networks conference*, June 2011. Ann Arbor, MI.
 - *European Network of Analytical Sociologists conference*, June 2011. Paris, Fr.
 - *International Network for Social Network Analysis conference (Sunbelt)*, February 2011. St. Pete Beach, FL.

Teaching and Academic Service

- Graduate student instructor, Department of Sociology, University of California, Berkeley
 - *Evaluation of Evidence (Soc 5)*. 2016.
- Consultant, statistical and computational research methods, *D-Lab*. University of California, Berkeley. 2013 – 2014.
- Organizer and facilitator. *Mathematical, Analytical and Experimental Sociology Workshop (MAXsoc)*, University of California, Berkeley. 2010 – 2017.
- Reader, Department of Sociology, University of California, Berkeley.

Soc 110, *Organizations and Institutions* (2016) Soc 166, *Society and Technology* (2015)
Soc 150, *Social Psychology* (2010). Soc 130, *Inequality in America* (2009)

Guest lectures:

- “The good and bad of ‘Big Data’”. *Research Methods, Sociology*, Mills College. 2013.
- “Social Unpredictability” *Honors Seminar in Cognitive Science*, UC Berkeley. 2010.
- “Networks and Social Capital” *Inequality in America*, Sociology, UC Berkeley. 2009.

Past Employment

Data Science Consultant	<i>Center for Investigative Reporting</i> <i>American Public Media</i>	2013 2010 – 2011
Software Engineer	<i>Wireless Generation, Inc.</i> <i>Mitek Systems, Inc.</i>	2007 – 2008 2003 – 2007, 2009

Selected Programming Language & Software Proficiencies

For data analysis and software development: *R, Python, MySQL, C/C++, Java*, and others
For design of surveys and experiments: *HTML, CSS, JavaScript, Qualtrics, Mechanical Turk*

Professional Service

Survey design team	<i>UC Berkeley Social Networks Study</i> (PI: Claude Fischer).
Occasional reviewer	<i>American Journal of Sociology</i> <i>American Sociological Review</i> <i>Social Forces</i> <i>Social Networks</i> <i>Social Psychology Quarterly</i> <i>Journal of Race, Ethnicity, and Politics</i> <i>Journal of Computational Science</i> <i>Small Group Research</i>
Member	<i>American Sociological Association</i>
Maintainer	<i>corclass</i> R package for Correlational Class Analysis (on CRAN)

Languages Spoken

English (fluent)
Russian (fluent)