Joshua G. Mausolf
Curriculum Vitae – 2015

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EDUCATION

University of Chicago	**Doctoral Candidate**, Department of Sociology	2014-Present
New York University	**B.A.**, *summa cum laude*, Sociology with High Honors <u>Honors Thesis</u>: "Environmental Hookups: The Effects of School Social Environment and the College Hookup Scene." Official selection, best honors thesis by the New York University, Department of Sociology, nominated for the *Phi Beta Kappa – Albert Borgman Prize*	2010 – 2012
Northern Virginia Community College	**A.A.** *summa cum laude,* Liberal Arts	2007 – 2010

PROFESSIONAL EXPERIENCE

Thompson Creek, Lanham, MD — 2009 – 2014
- Project Coordinator, 2012-2014
- Marketing Agent, 2009-2012

New York University, New York, NY — Spring 2012
- Research Assistant to Jeff Manza, Ph.D., Dept. of Sociology
- Research Assistant to Patrick Sharkey, Ph.D., Dept. of Sociology

Teachers College – Columbia University, New York, NY — 2011 – 2012
- Publishing Assistant: Acquisitions and Subsidiary Rights

RESEARCH ASSISTANT PROJECTS

R.A. work for Jeff Manza, Ph.D., Dept. of Sociology, NYU
- Ongoing research for a project on Occupy Wall Street, 2013-Present
- Conducted background research for the presentation, "A Broken Public? Americans' Responses to the Great Recession," presented at <u>Harvard's Kennedy School</u>, April 2012.

R.A. work for Patrick Sharkey, Ph.D., Dept. of Sociology, NYU
- Coded historical, journalistic, and geophysical data to assist a future project examining the cognitive impact of psychological stressors on youth in Chicago Public Schools.

CURRENT MANUSCRIPTS IN PREPARATION OR UNDER REVIEW

2015   Mausolf, Joshua G. "Sexual Privilege: The Effect of Private and Elite Campuses on the College Hookup Scene." (In preparation).

2013   Manza, Jeff, Clem Brooks, and Joshua Mausolf. "The Impact of Occupy Wall Street." Ch. 5 in *A Broken Public? Inequality and Mass Opinion in the New Gilded Age* by Jeff Manza and Clem Brooks. (TBD).

2012   Mausolf, Joshua G. "Occupy the Whitehouse: Presidential Politics and the Efficacy of the 99 Percent." (Review and Resubmit, *Mobilization*).

CONFERENCE PAPER PRESENTATIONS

2015   Mausolf, Joshua G. "Sexual Privilege: The Effect of Private and Elite Campuses on the College Hookup Scene." Presented at the *Annual Meeting of the American Sociological Association,* August 22, Chicago.

2015   Mausolf, Joshua G. "Sexual Privilege: The Effect of Private and Elite Campuses on the College Hookup Scene." Presented at *Engendering Change* at the University of Chicago, April 11, Chicago.

SELECTED SCHOLARLY PAPERS

2015   Mausolf, Joshua, Bridgit Donnelly, and Christine Cook. "Predicting Dropouts in Montgomery County Public Schools: A Machine Learning Approach to Educational Policy."

2012   Mausolf, Joshua G. "Environmental Hookups: School Social Environment and the College Hookup Scene."

2012   Mausolf, Joshua G. "Spatial Enslavement: Mass Incarceration and the Politics of Disadvantage."

2011   Mausolf, Joshua G. "Ethical Racism and the Obamaian Epoch: Evaluating White Racial Attitudes in a 'Post Racial' Society."

2011   Mausolf, Joshua G. "Racial Attitudes of Undergraduates: A Small Sample Interview Study."

RESEARCH PROPOSALS

2015   "Analyzing Presidential Rhetoric and Occupy Wall Street: A Computational Approach."

2014   "Mapping Network Effects on Self-Perceived Life Chances of College Freshmen."

STATISTICAL AND SOFTWARE EXPERTISE

Statistical techniques employed in papers include:
OLS, 2-Stage Least Squares, GLS, Time-Series Regression, GLM, Logistic Regression, Robust Logistic Regression, Ordered/Proportional Odds Regression, Bayesian Regression, Bootstrapping, Bagging, Survey Sampling Weights, ANOVA, MANOVA, One/Two-Sample T-Tests, F-test, Chi^2 Test, Cohen's Kappa Test, Bayesian Information Criterion, and Least Log Likelihood, Cronbach's Alpha, PCA, and Factor Analysis

Datasets utilized in research include:
General Social Survey (GSS), American Community Survey (ACS), American National Election Survey (ANES), National Longitudinal Survey of Youth 1997 (NSLY97), and Online College Student Life Survey (OCSLS), Lakeside Neighborhood Survey (2015 PAPI)

Computational techniques include:
Data mining/web scraping, API/JSON queries, Mac OSX/Linux command line, SSH protocol, MySQL/PostgreSQL to Python pipeline, Git, Github, Flask web app development, Pandas, Numpy, NLTK, Scikit-learn, Logistic Regression, Random Forest, Decision Trees, Boosting, Bagging, Gradient Boosting, Linear SVM, K-Nearest Neighbor, and using such techniques to develop modular python and bash packages and conduct analytic research.

Software Expertise:
- Used Atlas.ti to perform quantitative content coding and analysis of political speeches.
- Used Stata, SPSS, & Excel to perform multivariate regression modeling and statistical analysis using large datasets (more than 2,000 variables and 20,000 observations).
- Used Python web scraping techniques to download, sort, and encode all of the White House's Speeches and Remarks during the Obama Presidency 2009-2015.
- Proficient in Word, PowerPoint, Access, Outlook, SAP & Adobe Acrobat.
- Fluent in both Microsoft Windows and Apple OSX operating systems.
- Experienced in generating polished graphics using Stata, SPSS, Excel, and Word.

Statistical programs: R, Stata, SPSS, Pandas, Numpy, Scikit-learn, SciPy, Excel
Computing languages: Python, JSON, HTML, CSS, Unix, Linux, MySQL, PostgreSQL
Text analytic programs: NLTK, Atlas.ti, Beautiful Soup
Graphical analytic programs: Gephi, VosViewer, R, Stata, SPSS, Excel, Matplotlib
Creative suites: Adobe Photoshop, Adobe Lightroom, Final Cut Pro

LANGUAGES

- English (native), French (proficient), Spanish (elementary)
- Python, Linux, Unix, JSON, HTML, CSS, MySQL, PostgreSQL, R, Stata, SPSS

HONORS, AWARDS, AND DISTINCTIONS

University of Chicago
- Social Sciences Fellowship, 2014 – 2019

New York University
- Graduation honors, *summa cum laude*
- Official selection, "<u>Best Honors Thesis</u>," New York University, Department of Sociology, nominated for the *Phi Beta Kappa – Albert Borgman Prize.*
- Founders Day Award
- Dean's List

Northern Virginia Community College
- Graduation honors, *summa cum laude*
- Award of Academic Achievement in Mathematics
- NSCS Special Recognition for "Scholarship, Leadership, and Service"
- Presidential Scholar
- Dean's List

ASSOCIATIONS

American Sociological Association
National Society of Collegiate Scholars
Phi Theta Kappa International Honor Society
New York University Alumni Association

VOLUNTEER EXPERIENCE

Knights of Columbus, Burke, VA   Dec. 2008 – 2014
- *Co-Chair Family Committee*   July 2009 – June 2010

Christ House, Alexandria VA   March 2013
Homeless Outreach Project – Team Lead, Washington DC   March 2013
Housing Works, New York, NY   Sept. 2010 – April 2012
Food for the Poor – Haiti Mission Trip   June 2010

Student Government Association, Annandale, VA   Sept. 2009 – May 2010
- *Chair, Student Relations Committee*
- *Co-Chair Fundraising Committee*
- *Senator, Student Council*

Visual and Performing Arts Association, Annandale, VA   Sept. 2009 – May 2010
Fairfax County Public Library, Fairfax, VA   Dec. 2008
Habitat for Humanity, Alexandria, VA   June – July 2008
Cornerstone Rescue Mission, Rapid City, SD   June 2002 – June 2005