

# Loren Collingwood

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## Education

Ph.D. Candidate, Political Science, University of Washington 2007 - Present, *expected* 2012  
Dissertation: The Pursuit of Victory and Incorporation: Elite Strategy, Group Pressure, and Cross-Racial Mobilization  
Committee: Matt Barreto, Chris Parker, Luis Fraga, Chris Adolph, Peter Hoff

M.A., Political Science, University of Washington, 2009

Winter Institute in Political Methodology – Experimental Methods, Texas A&M University, 2012

Inter-University Consortium for Political and Social Research (ICPSR), University of Michigan, 2009

Summer Institute in Political Psychology, Stanford University, 2008

B.A., Psychology, California State University, Chico, 1998 - 2002

Minor: Political Science

Honors: *Cum Laude*, Pi Sigma Alpha, Psi Chi, NCAA Scholar-Athlete in soccer

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## Research Fields

American Politics, Methods, Race and Ethnic Politics

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## Refereed Publications

Collingwood, Loren. “Education Levels and Support for Direct Democracy.” *American Politics Research*. [Forthcoming]

Collingwood, Loren and John Wilkerson. “Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods.” *Journal of Information Technology and Politics*, 9:3 (2012).

Collingwood, Loren, Matt Barreto and Todd Donovan. “Early Primaries, Viability, and Changing Preferences for Presidential Candidates.” *Presidential Studies Quarterly*, 42:2 (June 2012).

Barreto, Matt, Loren Collingwood, and Sylvia Manzano. “A New Measure of Group Influence in Presidential Elections: Assessing Latino Influence in 2008.” *Political Research Quarterly*. 63:4 (Dec 2010).

Barreto, Matt, Loren Collingwood, Ben Gonzalez, and Chris Parker. 2011. "Tea Party Politics in a Blue State: Dino Rossi and the 2010 Washington Senate Election." In William Miller and Jeremy Walling (eds.) *Stuck in the Middle to Lose: Tea Party Effects on 2010 U.S. Senate Elections*. Rowan and Littlefield Publishing Group.

Collingwood, Loren and Justin Reedy. "Criticisms of Deliberative Democracy." In Nabatchi, Tina, Michael Weiksner, John Gastil, and Matt Leighninger, eds., *Democracy in motion: Evaluating the practice and impact of deliberative civic engagement*. New York: Oxford University Press, 2010.

Collingwood, Loren. "Initiatives." In Haider-Markel, Donald P., and Michael A. Card. *Political Encyclopedia of U.S. States and Regions*. Washington, DC: CQ Press, 2009.

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## Software

R package: `Rtexttools`. This package implements and diagnoses automated coding of text using supervised learning methods. It is currently available in binary Windows format here: [Rtexttools](#).

R package: `RTextTools`. Supervised learning package for social scientists that automates coding of text. Combines 8-10 machine learning algorithms and checks for accuracy using ensemble agreement. Available here: [rtexttools.com](#). (with Tim Jurka and Wouter Van Attevelt).

R package: `Rweights`. Creates survey weights via iterative variable raking. Survey design object and weights vector are produced for use with R, Stata, and other programs. Currently in alpha form with unix tarball and windows binaries available here: [Rweights](#).

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## Under Review / Working Papers

Jurka, Tim, Loren Collingwood, Amber Boydston, Emiliano Grossman, and Wouter van Atteveltd. "RTextTools: A Supervised Learning Package for Text Classification in R" [Revise and Resubmit]

Collingwood, Loren and Benjamin Gonzalez. "Explaining African American Voter Registration in 1950s Florida" [Under Review]

Barreto, Matt, Loren Collingwood, Chris Parker, and Francisco Pedraza. "Racial Attitudes and Uncertainty about Race of Interviewer." [Under Review]

Collingwood, Loren and Ashley Jochim. "Electoral Competition and Latino Representation: The Partisan Politics of Immigration Policy in the 104th Congress." [Under Review]

Collingwood, Loren, and Marcela Garcia-Castanon. "The Advertising Calculus: Poll ratings, Time, and the Decision to Air Positive and Negative Advertising during a U.S. Election" [Working Paper]

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## Grants and Fellowships

Texas A&M Experimental Methods Winter Institute, \$800, January, 2011

UseR! 2011 Conference travel grant, \$1000, August, 2011

Center for Statistics and the Social Sciences travel grant, \$870, January, 2011

David J. Olson Research Grant, University of Washington Political Science, \$2,000, January, 2011

Warren Miller Scholarship Award, Inter-University Consortium for Political and Social Research, Summer 2009

Matthews Fellowship, University of Washington, Winter 2008 - Spring 2009

Brennan Center for Justice, New York University [with Matt Barreto]  
Indiana Voter Identification Study, \$40,000 – Oct. 2007, 6 months

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## Teaching Experience

Text Classification with R using the `RTextTools` package, UNC-Chapel Hill Workshop

CSSS Intermediate R Workshop 2011, Instructor (Summer)

POLS 501: Advanced Research Design and Analysis, Teaching Assistant (2 quarters)

POLS 202: Introduction to American Politics, Teaching Assistant

CSSS Math Camp 2011, Teaching Assistant

POLS 499D: Center for American Politics and Public Policy Undergraduate Honors Seminar (2 quarters)

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## Conference Papers and Presentations

Collingwood, Loren and Ashley Jochim. 2012 Midwest Political Science Association Annual Conference (April) Chicago, IL. "Electoral Competition and Latino Representation: The Partisan Politics of Immigration Policy in the 104th Congress."

Collingwood, Loren. 2012 Western Political Science Association Annual Conference (March) Portland, OR. "The Development and Use of Cross-Racial Mobilization as Campaign Strategy in U.S. Elections: The Case of Texas 1948-2010."

Collingwood, Loren. 2012 Institute for Pragmatic Practice Annual Conference (March) Seattle, WA. "Changing Demographics, Rural Electorates, and the Future of American Politics."

Collingwood, Loren. 2012 Politics of Race, Immigration, and Ethnicity Consortium (January) Riverside, CA. "The Development of Cross-Racial Mobilization: The Case of Texas 1948-2010."

Collingwood, Loren. 2011 American Political Science Association Annual Conference (September) Seattle, WA. "The Pursuit of Victory and Incorporation: Elite Strategy, Group Pressure, and Cross Racial Mobilization."

Forman, Adam and Loren Collingwood. 2011 American Political Science Association Annual Conference (September) Seattle, WA. "Measuring Power via Presidential Phone Records." (Poster)

Collingwood, Loren with (Tim Jurka, Wouter Van Atteveldt, Amber Boydston, and Emiliano Grossman). UseR! 2011 Conference. (August) Coventry, United Kingdom. "RTextTools: A Supervised Learning Package for Text Classification in R."

Jurka, Tim, Loren Collingwood, Wouter Van Atteveldt, Amber Boydston, and Emiliano Grossman. 2011 Comparative Agendas Project Conference. (June) Catania, Italy. "RTextTools: A Supervised Learning Package for Text Classification in R."

Collingwood, Loren and John Wilkerson. 2011 Journal of Information Technology & Politics Conference. (May) Seattle, WA. "Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods."

Collingwood, Loren. 2011 Politics of Race, Immigration, and Ethnicity Consortium (May) Davis, CA. "The Pursuit of Victory and Incorporation: Elite Strategy, Group Pressure, and Cross Racial Mobilization"

Collingwood, Loren. 2011 Western Political Science Conference (April) San Antonio, TX. "Race-Matching as Targeted Mobilization."

Collingwood, Loren. 2011 Western Political Science Conference (April) San Antonio, TX. "The Pursuit of Victory and Incorporation: Elite Strategy, Group Pressure, and Cross Racial Mobilization"

Collingwood, Loren (with John Wilkerson). Invited Talk: Texas A&M University. (April, 2011) "Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods."

Collingwood, Loren (with John Wilkerson). Invited Talk: Rice University. (April, 2011) "Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods."

Collingwood, Loren. 2011 Midwest Political Science Association Annual Conference (April) Chicago, IL. "Race-Matching as Targeted Mobilization."

Collingwood, Loren and John Wilkerson. 2011 Text as Data Conference. (March) Evanston, IL. "Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods."

Collingwood, Loren and John Wilkerson. 2011 Southern Political Science Conference. (January) New Orleans, LA. "Tradeoffs in Accuracy and Efficiency in Supervised Learning Methods."

Collingwood, Loren (with Ben Gonzalez). 2010 American Political Science Association Annual Conference. (September) Washington, DC. "The Political Process in Florida: Modeling African American Registration Rates Post *Smith v. Allwright, 1944-1964*."

Wilkerson, John, Steve Purpura, and Loren Collingwood. 2010 NSF Funded Tools for Text Workshop. (June) Seattle, WA. "Rtexttools: A Supervised Machine Learning Package in an R-Wrapper."

Collingwood, Loren and Marcela Garcia-Castanon. 2010 Western Political Science Association Annual Conference. (April) San Francisco, CA. "Negativity as a Tool: candidate poll standing and attack politics."

Collingwood, Loren. 2010 Politics of Race, Immigration, and Ethnicity Consortium. (January) Riverside, CA. "White Outreach: A spatial approach to modeling black incorporation in Florida post *Smith v. Allwright, 1944-1965*."

Collingwood, Loren. 2009 Western Political Science Association Annual Conference. (March) Vancouver, BC. "Levels of Education, Political Knowledge and Support for Direct Democracy."

Collingwood, Loren. 2009 Western Political Science Association Annual Conference. (March) Vancouver, BC. "The Negativity Effect: Psychological underpinnings of advertising recall in modern political campaigns."

Collingwood, Loren and Marcela Garcia-Castanon. 2009 Western Political Science Association Annual Conference. (March) Vancouver, BC. "Negativity as a Tool: predicting negative responses and their effectiveness in the 2008 campaign season."

Collingwood, Loren and Marcela Garcia-Castanon. 2009 Western Political Science Association Annual Conference. (March) Vancouver, BC. "Switching codes: analyzing Obama's strategy for addressing Latinos in the 2008 presidential campaign."

Collingwood, Loren, (with Matt Barreto and Sylvia Manzano) 2009 Shambaugh Conference. (March) University of Iowa, IA. "More than one way to shuck a tamale: Latino influence in the 2008 general election."

Collingwood, Loren and Marcela Garcia-Castanon. 2009 Midwest Political Science Association Annual Conference. (April) Chicago, IL. "Switching codes: analyzing Obama's strategy for addressing Latinos in the 2008 presidential campaign."

Collingwood, Loren and Marcela Garcia-Castanon. 2009 Pacific Northwest Political Science Conference. (October) Victoria, BC. "Negativity as a Tool: predicting negative responses and their effectiveness in the 2008 campaign season."

Collingwood, Loren and Francisco Pedraza (with Matt Barreto and Chris Parker). 2009 Center for Statistics and the Social Sciences 10th Anniversary Conference. (May) Seattle, WA. "Race of interviewer effects: perceived versus actual."

Collingwood, Loren (with Matt Barreto, Chris Parker, and Francisco Pedraza). 2009 Pacific Northwest Political Science Conference. (October) Victoria, BC. "Race of interviewer effects: perceived versus actual."

Barreto, Matt, Loren Collingwood and Todd Donovan. 2008 Midwest Political Science Association Annual Conference. (April) Chicago, IL. "Early Presidential Primaries, Viability, and Vote Switching in 2008."

Collingwood, Loren. 2008 Midwest Political Science Association Annual Conference. (April) Chicago, IL. "Levels of Education and Support for Direct Democracy: A Survey Experiment."

Collingwood, Loren. 2008 American Political Science Association Annual Conference. (September) Boston, MA. "Levels of Education and Support for Direct Democracy: A Survey Experiment." (Poster)

Collingwood, Loren. 2008 American Political Science Association Annual Conference. (September) Boston, MA. "Response Effects in Multi-Candidate Primary Vote Questions." (Poster)

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## Academic Research Experience

### *University of Washington*

Senior Researcher, The Washington Poll                      September 2011 - December 2011  
Professor Matt A. Barreto  
Department of Political Science

Oversee the implementation of the Washington Poll, an annual statewide survey of Washington voters. Wrote an R package that uses iterative variable raking for weight creation.

Research Assistant    March 2011 - June 2011  
Professor Chris Parker  
Department of Political Science

Cleaned data for survey project: Multi-State Survey on Race and Politics. Conduct content analysis on Tea Party websites. Write computer code to scrape text from Tea Party websites; use machine learning to automate labeling of text.

Senior Researcher, The Washington Poll                      September 2010 - December 2010  
Professor Matt A. Barreto  
Department of Political Science

Oversaw the implementation of the Washington Poll, an annual statewide survey of Washington voters. My analysis of the poll and Washington State politics was featured on several local tv stations as well as several national radio stations.

Research Assistant, Center for American                      January 2010 – September 2010  
Politics and Public Policy  
Professor John Wilkerson  
Department of Political Science

Maintained the Congressional Bills database. I supervised the content analysis by undergraduate research fellows who manually coded each bill in the database. Using a variety of supervised learning techniques, I wrote an R package that automates the coding of a large percentage of the bills. In addition, I taught undergraduates introduction to data analysis and oversaw their research design and papers.

Senior Researcher, The Washington Poll                      September 2009 - December 2009  
Professor Matt A. Barreto  
Department of Political Science

Oversaw survey design, sample design, questionnaire programming, post-survey weighting, implementation, and data processing of the Washington Poll, which is housed on site at the University of Washington. We conducted a statewide survey, as well as three over-samples of voters in Seattle, King County, and African Americans.

Research Assistant, Pew Online Voter Study      September 2008 - June 2009  
 Professor Matt A. Barreto  
 Department of Political Science

Two surveys—telephone and online—were fielded in late October, 2008. I managed the survey design and data collection process, interfacing between the university and outside research vendors. I conducted an in-depth analysis of the Washington State voter file, calculating turnout rates for various subgroups, ethnic surname matches, and other analysis.

Senior Researcher, The Washington Poll      September 2008 - December 2008  
 Professor Matt A. Barreto  
 Department of Political Science

Oversaw survey design, sample design, post-survey weighting, and implementation of the Washington Poll. We collected and released two waves of data, as well as an oversample of African American voters. My analysis was featured in several newspapers, websites, and radio stations in Washington State and around the nation.

Research Assistant, The Washington Poll      September 2007 - December 2007  
 Professor Matt A. Barreto  
 Department of Political Science

Oversaw survey design, sample design, post-survey weighting, and implementation of the Washington Poll. Served as the liaison between the calling center and the supervising professor, Matt Barreto.

### *Campaign Finance Institute*

Research Assistant      January 2003 - May 2003

Researched campaign finance statistics and voter data at the Federal and State level. Administered mail surveys to political candidates on the topic of political fundraising at the statewide level.

### *California State University, Chico*

Research Assistant, Diana Dwyre      January 2002 - May 2002

Created and maintained a website. Proofed documents.

## **Relevant Research and Statistics Courses**

POLS 500: Research Methods

POLS 501: Quantitative Techniques in Political Science

POLS 503: Applied Linear Modeling

CSSS 505: Math for Social Scientists

POLS 559: Surveys and Experiments

COMM 511: Content Analysis  
GEOG 560: Principles of GIS Mapping  
POLS/CSSS 510: Maximum Likelihood Methods/Generalized Linear Models  
CSSS 589: Multivariate Statistics  
CSSS 529: Sample Survey Techniques  
CSSS 526: Structural Equation Modeling  
CSSS 544: Event History/Survival Analysis  
CSSS 569: Visualizing Data  
CSSS 560: Hierarchical Modeling  
CSSS 564: Bayesian Statistics for the Social Sciences  
PSYC 548: Bayesian Statistics, Modeling & Reasoning  
ICPSR: Applied Bayesian Modeling  
ICPSR: Advanced Bayesian Modeling  
ICPSR: Dimensionality and Scaling Techniques  
ICPSR: Programming in R  
ICPSR: Data Mining; Missing Data  
ICPSR: Time Series Analysis  
Questionnaire Design at University of Maryland, Joint Program in Survey Methodology  
Intro to Survey Estimation at University of Maryland, Joint Program in Survey Methodology  
Intro to Survey Sampling, Joint Program in Survey Methodology

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## **Associations**

American Political Science Association  
Midwest Political Science Association  
Western Political Science Association  
Southern Political Science Association  
American Association of Public Opinion Research  
American Association of Political Consultants

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## Computer Skills

R, Stata, Python, Proficient in C, WinBugs/JAGS, L<sup>A</sup>T<sub>E</sub>X, SPSS, MySQL, Access, WinCati Survey Software, Lami, LISREL, ArcGIS, GeoDa, ATLAS.ti

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## Reports

Collingwood, Loren. (2008). *The Washington Poll: pre-election analysis*. www.washingtonpoll.org.

Collingwood, Loren. (2008). *Democratic underperformance in the 2004 gubernatorial election: explaining 2004 voting patterns with an eye towards 2008*. www.washingtonpoll.org.

Barreto, Matt, Loren Collingwood, Francisco Pedraza, and Barry Pump. (2009). *Online voter registration in Washington State and Arizona*. Commissioned by Pew Research Center.

Collingwood, Loren, Todd Donovan, and Matt Barreto. (2009). *An assessment of ranked choice voting in Pierce County, WA*.

Collingwood, Loren. (2009). *An assessment of the fiscal impact of ranked choice voting in Pierce County, WA*. Commissioned by the League of Women Voters.

Barreto, Matt, and Loren Collingwood. (2009). *Latino candidates and racial block voting in primary and judicial elections: An analysis of voting in Los Angeles County board districts*. Commissioned by the Los Angeles County Chicano Employees Association.

Barreto, Matt, and Loren Collingwood. (2011). *A Review of Racially Polarized Voting For and Against Latino Candidates in Los Angeles County 1994-2010*. Commissioned by Los Angeles County Supervisor Gloria Molina. August 4.

Collingwood, Loren. (2012). *Recent Political History of Washington State: A Political Map*. Commissioned by the Korean Consulate.

Collingwood, Loren. (2012). *Analysis of Polling on Marijuana Initiatives*. Commissioned by Greenberg Quinlan Rosner.

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## Media Appearances

Canadian Broadcasting Corporation, B.C.	February, 2012
Same-sex marriage in Washington State	
Feder Files, Political Talk on Syrius Left	November, 2010
Topic: Analyzing outcomes of 2010 elections	
KCTS-9 PBS Roundtable, Seattle	October, 2010
Topic: Washington Poll final results	

- Jim Bohannon Show, Nationally Syndicated      October, 2010  
Topic: Polling the 2010 elections
- Feder Files, Political Talk on Sirius Left      October, 2010  
Topic: Predicting 2010 Election Outcomes
- Inside Olympia, TV Washington      October, 2010  
Topic: Upcoming Washington State elections
- Canadian Broadcasting Corporation, Vancouver, October, 2010  
BC  
Topic: Negative ads in American politics
- KOMO4 TV News, Seattle      October, 2010  
Topic: Washington Poll first round results
- Fox Q-13 News, Seattle      October, 2010  
Topic: Analysis of Dino Rossi–Patty Murray Senate debate
- The Conversation, KUOW, WA State NPR.      October, 2009  
Topic: Ranked Choice Voting in Pierce County
- The Progressive Electorate, Blog Talk Radio.      November, 2009  
Topic: 2009 national election results, trends, implications.
- KUOW Morning Show, WA State NPR.      November, 2008  
Topic: 2008 Washington and national elections review.
- KBOO, Portland, OR Community Radio.      November, 2008  
Topic: 2008 Washington, Oregon, and national elections review.
- WWRL 1600 AM, New York City, NY      September, 2008  
Topic: 2008 State of the Race, lay of the land analysis.
- The Progressive Electorate, Blog Talk Radio.      September - November, 2008  
Topic: Weekly analysis of political events, polling, state competitiveness, media coverage.
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## Relevant Work Experience

### *Consulting Work*

Statistical Consulting and Analysis January 2008 - Present

Conducted over 65 projects involving political research, polling, statistical modeling, redistricting analysis and mapping, data analysis, micro-targeting, and R software development for political and non-profit clients. Clients include Greenberg Quinlan Rosner, Beck Research, Squier Knapp Dunn Communications, Anzalone–Lizst Research, League of Women Voters, Shelia Smoot for Congress, pollster.com, Comparative Agendas Project, Amplified Strategies, Gerstein Bocian & Agne, the Korean Consulate, the California Redistricting Commission, Monterey County Redistricting Commission, and the Los Angeles County Council.

### *Greenberg Quinlan Rosner*

Assistant Analyst, Anna Greenberg June 2005 - May 2007

Assisted in the development of questionnaires, focus group guidelines, memos, and survey reports for political, non-profit, and corporate clients. Moderated in-depth interviews and focus groups.

### *Greenberg Quinlan Rosner*

Field Associate December 2003 - June 2005

Managed qualitative and quantitative data collection process in the U.S. and internationally, including scheduling and coordinating with phone centers and focus group facilities. Provided methodological advice, including on sample stratification, sampling Latino populations, and the differences between Random Digit Dial and Registration Based sampling.

### *Congressman Adam Schiff*

Database Manager March 2003 - June 2003

Managed constituent mail and survey databases; updated and maintained Member's Congressional voting record. Researched and drafted legislative correspondence. Provided front-desk support.

### *Strategic Consulting Group*

Field Organizer, Carol Roberts for Congress July 2002 - November 2002

Recruited and coordinated over 100 volunteers for mailings, canvassing, phone banking, and GOTV operations. Developed internship program and managed 15 interns from local colleges and high schools. Organized and scheduled fundraising events including house parties and club meetings.

### *Institute for Policy Studies*

Intern, John Cavanagh May 2001 - August 2001

Provided research assistance for projects advocating reform of the WTO, World Bank, and IMF. Worked on reports and op-ed pieces on global economic issues advocating fair trade.

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## References

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Chris Adolph  
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