

MEGAN A. GALL, PHD, GISP

+1 720-933-7775 · megan.gall@gmail.com · USA

EDUCATION:

- PhD: Political Science** · University at Buffalo SUNY: Buffalo, NY 8/2013
Dissertation: *The Political Geography and Electoral Consequences of the Slavery and Civil Rights Eras in American History*
Thesis: *The Efficacy of 'Broken Windows' Policies in American Cities*
- MS: Geographic Information Science (GIS)** · University of Denver: Denver, CO 5/2007
Thesis: *The Scope and Nature of Panhandling and the Related Crime in Denver, Colorado*
- BS: Sociology** · Shepherd College: Shepherdstown, WV 12/2000

SOFTWARE AND SKILLS:

Geospatial: ESRI ArcGIS/Online, Maptitude & Redistricting, QGIS, Carto, Tableau Public
Spatial & Aspatial Statistics: R, Stata, SPSS, GeoDa, GWR, CrimeStat III
Technology: HTML, CSS, Git (version control), WordPress, Visual Studio Code (text editor)

EMPLOYMENT:

- Senior Researcher** 10/2017 - present
Thurgood Marshall Institute at the NAACP LDF: Washington, DC
- Creating and maintaining a research portfolio focused on criminal justice policy, voting rights, and redistricting
 - Conducting quantitative analyses in support of voting rights, criminal justice, and economic justice litigation
- Social Scientist** 3/2014 – 9/2017
Lawyers' Committee for Civil Rights Under Law: Washington, DC
- Contributed to 9 lawsuits by investigating 35 U.S. jurisdictions in 14 states for illegal voting rights violations, including:
 - modeled racially polarized voting patterns using multiple ecological inference statistical methods for over 200 electoral contests
 - created and evaluating political districting maps for 30 local and statewide jurisdictions
 - conducted spatial and aspatial demographic analyses
 - interpreted statistical results and relevant law, and providing litigation recommendations
 - Developed quantitative evidence and writing legal declarations for employment, housing, and education litigation
 - Supported research and reporting efforts e.g. concept development, spatial and aspatial data analyses, statistical interpretation, writing, editing, and digital media creation
 - Trained in-house and *pro bono* counsel on ecological inference, redistricting, GIS, and the collection and use of administrative and US Census Bureau data
 - Advised the national nonpartisan Election Protection Coalition on survey design, data collection, data privacy, and dissemination
 - Assisted Development Team in grant writing when subject matter expertise is needed, including helping secure a \$1.3M, 3-year criminal justice grant
 - Consulted with external expert witnesses, stakeholders, and *pro bono* counsel on research, evaluation, and data handling

Research/Teaching Assistant

9/2009 - 5/2013

University at Buffalo: Buffalo, NY

- Wrote proposal securing \$4,000 Baldy Center for Law & Social Policy Research Grant
- Conducted spatial and aspatial analyses for ongoing research
- Instructed undergraduate level class titled *Politics and Geography*

Research Associate

12/2007 - 7/2009

OMNI Institute: Denver, CO

- Supported client-based research projects e.g. proposal development, research design, primary and secondary data collection, spatial and aspatial data analyses, and reporting
- Integrated geospatial analyses into existing and developing research projects
- Provided company-wide geospatial analytic and cartographic support
- Designed and constructed 38 data storage systems for 24 federally funded HIV/AIDS programs throughout Colorado with cross-site evaluation capabilities
- Evaluated offender specific court systems (DUI, drug, and prostitution courts), homeless service organizations, and Hepatitis C/HIV/AIDS service programs
- Served as liaison to the Denver Office of Drug Strategy Commission

Temporary Fair Housing Researcher

5/2007 - 12/2007

Colorado Department of Local Affairs, Division of Housing: Denver, CO

- Conducted spatial and aspatial data analyses
- Assisted in the research and production of the Colorado Analysis of Impediments (AI) to Fair Housing
- Assisted in development of the Colorado Housing Needs Assessment data systems
- Designed and created an atlas of commuters in Colorado counties

Student Research & Teaching Assistant

9/2005 - 5/2007

University of Denver: Denver, CO

- Wrote proposal securing \$5,000 Public Good Scholarship Grant
- Conducted thesis research in collaboration with the National Law Enforcement and Corrections Technology Center, the Denver Police Department, the Denver Department of Health and Human Resources, and other local agencies
- Assisted with the Denver Police Department GIS Crime Analyst Needs Assessment
- Conducted various geospatial, cartographic, and research duties
- Wrote technical laboratory exercises and acted as teaching assistant for four GIS undergraduate classes, such as *Introduction to Cartographic Design* and *Introduction to GIS*

Independent Contractor: Archaeology Field/Laboratory Technician 3/2000 - 8/2005

Five state region including WV, KY, MD, OH, and VA

- Experienced with all phases of recovery with both prehistoric and historic components
- Drafted large-scale village maps, small-scale planviews, and profile maps of excavation units
- Designed and implemented on-site artifact processing and catalog system

CERTIFICATIONS:**Certified GIS Professional (GISP)**

10/2014 – 10/2019

GIS Certification Institute: Des Plaines, IL

Canadian Studies Graduate Certificate
University at Buffalo SUNY: Buffalo, NY

8/2013

Geographic Information Systems Graduate Certificate
University of Denver: Denver, CO

5/2005

PUBLICATIONS:

Academic Publications

- Gall, Megan A. and Jennifer L. Patin (forthcoming). "How Laquan McDonald's Shooting Shook up the Cook County State's Attorney Election". In *Atlas of the 2016 Elections*. Ed. Stanley D. Brunn, Gerald R. Webster, Richard L. Morrill, Fred M. Shelley, Stephen J. Lavin and J. Clark Archer. Lanham, MD. Rowman & Littlefield Publishers, Inc.
- Gall, Megan A., review of *Where are Our Boys? How Newspapers won the Great War* by Martin Woods, *The Globe: Journal of the Australian and New Zealand Map Society Inc.* no. 80 (2016) 89-90.
- Gall, Megan A., Joshua R. Meddaugh and Joshua J. Dyck (2011). "California's Proposition 8 (Same-Sex Marriage) and the Race Question". In *Atlas of the 2008 Elections*. Ed. Stanley D. Brunn, Gerald R. Webster, Richard L. Morrill, Fred M. Shelley, Stephen J. Lavin and J. Clark Archer. Lanham, MD. Rowman & Littlefield Publishers, Inc.
- Meddaugh, Joshua R., Megan A. Gall and Joshua J. Dyck (2011). "Ballot Measures in the 2008 Election". In *Atlas of the 2008 Elections*. Ed. Stanley D. Brunn, Gerald R. Webster, Richard L. Morrill, Fred M. Shelley, Stephen J. Lavin and J. Clark Archer. Lanham, MD. Rowman & Littlefield Publishers, Inc.

Organizational Publications

- Patin, Jennifer L. and Megan A. Gall (2016). "Election Protection 2016: #ProtectOurVote". Lawyers' Committee for Civil Rights Under Law
- Patin, Jennifer L. and Megan A. Gall (2015). "The Voting Rights Act at 50: The Story of Texas Photo ID". Lawyers' Committee for Civil Rights Under Law
- Gall, Megan A. and Johnna Fandel (2008). "Men Who Have Sex with Men (MSM) Resource Mapping and Assessment Project". Proprietary report prepared for the Colorado Department of Public Health and Environment and The Council by the OMNI Institute

Cartographic Publications

- Gall, Megan A. (2016). 'VRA', 'Online Voter Registration', and 'Employee Leave Time'. In: Jennifer L. Patin. "The 2016 Primaries In-Review". Lawyers' Committee for Civil Rights Under Law
- Gall, Megan A. (2016). 'Rural Counties of Georgia'. In: Jennifer L. Patin. "Voting Rights Communication Pipelines". Lawyers' Committee for Civil Rights Under Law
- Gall, Megan A. (2014). 'Election Protection 2014'. In: Ari Berman. "Did Voting Restrictions Determine the Outcomes of Key Midterm Races?". *The Nation*
- Gall, Megan A. (2014). 'Appendix B' maps. In: "Protecting Minority Voters 2014". National Commission on Voting Rights
- Gall, Megan A. (2012). 'Choropleth Map of Voting on Proposition 83, 2006' and 'Sex Offender Residency Restrictions and Population Distribution'. In: Joshua J. Dyck and Annika Hagley. "Political Geography, Direct Democracy, and the Reasoning Voter: Spatial Proximity, Symbolic Politics, and Voting on California's Proposition 83". *Politics & Policy* **40**(2): 195-220
- Gall, Megan A. (2010). 'Mendoza' and 'Latin America'. In: Julia H. Kentnor Corby. "For Members And Markets: Neoliberalism and Cooperativism in Mendoza's Wine Industry". *Journal of Latin American Geography* **9**(2): 27-47

Other Publications

- Gall, Megan A. (May 17, 2016). "Letter: Ways to avoid gerrymandering". [Letter to the Editor] JOnline Lafayette Journal & Courier
- Patin, Jennifer L. and Megan A. Gall (February 24, 2016). "During this Election Season, Black Political Power Still Not Fully Realized". Trice Edney News Wire

TALKS AND SEMINARS:

- "Distance Analyses for Voting Rights Act Section 2 Vote Denial Investigations" workshop conducted three times at the Metric Geometry and Gerrymandering Group (MGGG) Austin Gerrymandering Workshop: Austin, TX (Feb. 1 and 2, 2018)
- "QGIS: An open-source tool for the Civil Rights & Racial Justice Community" lecture presented at the Metric Geometry and Gerrymandering Group (MGGG) Austin Gerrymandering Workshop: Austin, TX (Feb. 1, 2018)
- "Quantitative Anatomy of Section 2 Voting Rights Claim" lecture presented at the Metric Geometry and Gerrymandering Group (MGGG) 2017 Geometry of Redistricting Summer School: Medford, MA (Aug. 8, 2017)
- "Introduction to GIS & Voting Rights Litigation" workshop conducted twice at the Metric Geometry and Gerrymandering Group (MGGG) 2017 Geometry of Redistricting Summer School: Medford, MA (Aug. 8 and 9, 2017)
- "Introduction to mapping & QGIS" workshop conducted at the IASSIST 2017 Conference: Lawrence, KS (May 23, 2017)
- "Data: How we use it, the gaps, and how we fill the gaps going forward" panelist at the 2016 Election Protection Post-Election Convening: Washington, DC (December 2, 2016)
- "Put It On the Map: GIS & Online Mapping Tools" webinar presented in the Digital Tools in 2016 Series hosted by Election Protection: Washington, DC (May 5, 2016)
- "Using Maps for Strategic Planning and Evaluation" (with Heather Foster) workshop conducted at the 18th Annual Faces of Leadership Conference on Service and Volunteerism: Charleston, WV (August 6 - 8, 2013)

CONFERENCE PARTICIPATION:

- "The Political Geography and Electoral Consequences of the Slavery and Civil Rights Eras in American History" (with Harvey Palmer) Paper presented at the Association of American Geographers (AAG) Conference: Boston, MA (April 5, 2017)
- "District Preferences, Legislator Preferences, and Legislators' Votes" (with James C. Battista and Joshua J. Dyck) Paper presented at the State Politics and Policy Conference (SPPC): Iowa City, IA (May 25, 2013)
- "Multilevel Regression and Post-Stratification to estimate State Legislative District Opinion" (with James C. Battista and Joshua J. Dyck) Paper presented at the Southern Political Science Association (SPSA): New Orleans, LA (January 14, 2012)
- "The Flow of Representation: Policy Responsiveness in State Legislatures" (with James C. Battista and Joshua J. Dyck) Paper presented at the State Politics and Policy Conference (SPPC): Hanover, NH (June 3, 2011)
- "The Diffusion of MMA Legalization in the American States" (with Joshua J. Dyck) Paper presented at the Midwest Political Science Association Conference (MPSA): Chicago, IL (April 1, 2011)
- "District Characteristics and Legislator Traits" (with James C. Battista) Paper presented at the Midwest Political Science Association (MPSA) Conference: Chicago, IL (April 24, 2010)

“Searching For Political Culture in Canada” Paper presented at Crossing Borders Conference: Niagara Falls, NY (March 26, 2009)

“The Relationship Between Panhandling and Crime and a Public Policy Assessment” Paper presented at the Association of American Geographers (AAG) Conference: San Francisco, CA (April 18, 2007)

“Understanding Broken Windows Policing” Paper presented at the Public Good Lecture Series and Conference: Denver, CO (February 16, 2007)

AWARDS AND DISTINCTIONS:

- Advanced Spatial Analysis Program Invitation & Funding: Population Research Institute Center for Spatially Integrated Social Science, 2011
- Department of Geography Merit Award & Prize: University of Denver, 2007
- Outstanding Woman Geoscience Student Award: Association for Women Geoscientists, 2007
- GITA Consulting Scholarship: Geospatial Information & Technology Association, 2006

PROFESSIONAL AFFILIATIONS:

American Association of Geographers (AAG)

GIS Colorado

SERVICE:

Member · Native American Voting Rights Commission: United States 10/2016 - present

Co-Treasurer · West Virginia Herb Association: WV 10/2015 - 3/2018

Board of Directors Member · William Penn House: Washington, DC 12/2014 - 12/2017

AAG GeoMentor · Maret School: Washington, DC 8/2016 - 6/2017

- ‘Mapping Inequity in DC’ 11th/12th grade class

GIS Analyst · American Red Cross: West Virginia Region 9/2012 - 12/2014

- Conducted spatial analyses in support of volunteer services, and resource and fiscal management

GIS Technician · Spring Heights Education Center: Spencer, WV 6/2006 - 2/2007

- Converted paper maps to GIS enabled formats and provided cartographic services

GIS Technician · Denver Dept. of Health and Human Resources and the Colorado Coalition for the Homeless: Denver, CO 6/2006 - 2/2007

- Cleaned, managed, and mapped spatial data