

Scott N. Markley

National Zoning Atlas
Legal Constructs Lab
Cornell University
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Education

- 2023 (scheduled) **PhD in Geography**
University of Georgia
Committee: Steve Holloway (chair), Nik Heynen, Jerry Shannon, Anne Bonds
Dissertation: *Planning Spatial Obsolescence: Racial Capitalism, the Home Owners' Loan Corporation, and the Production of Racialized Devaluation*
- 2016 **M.S. in Geography**
University of Tennessee
Committee: Madhuri Sharma (chair), Nicholas Nagle, Stephanie Bohon
Thesis: *Pre- and Post-Crisis Geographies of New Urbanism in Atlanta's Inner Suburbs*
- 2013 **B.A. in Geography**
Georgia Southern University
Minors: GIS, Economics
Summa cum laude

Positions

Cornell University

- 2023– Visiting Lecturer, Department of City and Regional Planning
2023– Geospatial Project Coordinator, National Zoning Atlas

University of Georgia

- 2020–23 Geospatial Data Scientist, Carl Vinson Institute of Government
2019–20 Course Instructor, Department of Geography
2016–19 Teaching Assistant, Department of Geography
2017–18 Research Assistant, Department of Geography

University of Tennessee

- 2015–16 Teaching Assistant, Department of Geography
2014–15 Research Assistant, Department of Geography

Georgia Southern University

- 2013 Teaching Assistant, Department of Geography and Geology

Peer-Reviewed Journal Articles

- 2023 **Markley, S.** Tabulating Home Owners' Loan Corporation area description sheet data. *Environment & Planning B: Urban Analytics and City Science* 50(1), 268–80. <https://doi.org/10.1177/23998083221133112>.
- 2022 **Markley, S.**, S. Holloway, T. Hafley, and M. Hauer. Housing unit and urbanization estimates for the Continental U.S. in consistent tract boundaries, 1940–2019. *Scientific Data* 9 (82). <https://www.nature.com/articles/s41597-022-01184-x>.
- 2022 Allums, C., **S. Markley**, and T. Hafley. “A better place to be”? Black Mecca, white democracy, and the contradictions of neoliberal cityhood in Atlanta’s Black suburbs. *Journal of Urban Affairs* 44(6), 793–807. <https://doi.org/10.1080/07352166.2020.1854612>.
- 2020 **Markley, S.**, T. Hafley, C. Allums, S. Holloway, and H. Chung. The limits of homeownership: racial capitalism, Black wealth, and the appreciation gap in Atlanta. *International Journal of Urban and Regional Research* 44(2), 310–28. <https://doi.org/10.1111/1468-2427.12873>.
- 2018 **Markley, S.** Suburban gentrification? Examining the geographies of New Urbanism in Atlanta’s inner suburbs. *Urban Geography* 39(4), 606–30. <https://doi.org/10.1080/02723638.2017.1381534>.
- 2018 **Markley, S.** New Urbanism and race: an analysis of neighborhood change in suburban Atlanta. *Journal of Urban Affairs* 40(8), 1115–31. <https://doi.org/10.1080/07352166.2018.1454818>.
- 2016 **Markley, S.** and M. Sharma. Keeping Knoxville Scruffy? Urban entrepreneurialism, creativity, and gentrification down the urban hierarchy. *Southeastern Geographer* 56(4), 384–408. <https://www.jstor.org/stable/26233815>.
- 2016 **Markley, S.** and M. Sharma. Gentrification in the revanchist suburb: the politics of removal in Roswell, Georgia. *Southeastern Geographer* 56(1), 57–80. <https://www.jstor.org/stable/26233772>.
- 2015 **Markley, S.** and W. Tu. Regional and racial disparity of preterm birth prevalence in Georgia, 1995–2012. *Papers in Applied Geography* 1(2), 168–75. <https://doi.org/10.1080/23754931.2015.1012439>.

Book Chapters

- 2020 **Markley, S.** and C. Allums. Postfascist (sub)urbanism: ‘social cleansing’ in the age of Trump, in *The Political Landscapes of Donald Trump*, B. Warf (editor). New York: Routledge.

Other Publications

- 2023 (accepted) **Markley, S.** Atlanta, GA. In *Mapping Inequality: Redlining in New Deal America*, R. Nelson and L. Winling (editors). Richmond: Digital Scholarship Lab at the University of Richmond. Forthcoming.
- 2020 Allums, C. and **S. Markley**. (March 10). The new suburban secession: a postfascist turn in Atlanta's cityhood movement. *Metropolitiques*. <https://www.metropolitiques.eu/The-New-Suburban-Secession-A-Postfascist-Turn-in-Atlanta-s-Cityhood-Movement.html>.
- 2018 **Markley, S.** (October 30). From exclusion to expulsion: demolition, displacement, and race in Atlanta's northern suburbs. *Atlanta Studies*. <https://doi.org/10.18737/atls20181030>.

Manuscripts in Review

Markley, S. Federal "redlining" maps: a critical reappraisal. *Urban Studies*. (R&R issued October 3, 2022).

Shepherd, J.M., S. Holloway, J. Shannon, **S. Markley**, and Y. Wei. Assessment of race, urban heat, and redlining in the Atlanta Metropolitan area, in *Climate Change and Health Justice: Applying an Equity Approach*, D. Dawes, M. Standifer, C. Amador, and S. Johnson (editors). Baltimore: Johns Hopkins University Press. (R&R submitted September 6, 2022).

Markley, S. Lies, damned lies, and the latest anti-rent control study. Commissioned article written for *Notes on the Crises*, N. Tankus (editor).

Manuscripts in Preparation

Markley, S. Planning spatial obsolescence? Mapping the historical geographies of racialized devaluation. Targeted for *Annals of the American Association of Geographers*. Submission after completion of dissertation.

Beauvais, J., **S. Markley**, and J.E. Byers. Exponential growth of private coastal infrastructure influenced by geography and race in South Carolina, USA. Targeted for *Marine Ecology Progress Series*. Submission in December 2022.

Markley, S. Race and value in space and time: a critical narrative cartography of the Home Owners' Loan Corporation's Residential Security maps. Targeted for *Environment & Planning D: Society and Space*. Submission after completion of dissertation.

Markley, S. Residential segregation and the racist theory of (anti-)value. Targeted for *Progress in Human Geography*. Early version presented at the 2021 AAG annual meeting. Submission after completion of dissertation.

Markley, S., S. Holloway, T. Hafley, and M. Hauer. Assessing alternative approaches to the historical small area interpolation of housing units. Targeted for *Geographical Analysis*.

Markley, S. Using historical housing unit data to estimate socioeconomic and demographic variables across census geometries. Targeted for *Applied Geography*.

Markley, S., S. Holloway, T. Hafley, and M. Hauer. Historical tract- and place-level housing unit, urbanization, and land-use estimates for the Continental U.S., 1940–2020. Targeted for *Scientific Data*.

Public Data Products

- 2022 **Markley, S.,** S. Holloway, T. Hafley, and M. Hauer. HHUUD10: Historical Housing Unit and Urbanization Database 2010.
<https://doi.org/10.17605/OSF.IO/FZV5E>.
- 2021 **Markley, S.** Tabulated HOLC Area Description sheet data.
<https://doi.org/10.17605/OSF.IO/QYTJ8>.
- 2021 **Markley, S.** and C. Tombleson. Living shorelines aggregated to the block group level in Gloucester, Mathews, Middlesex, and Norfolk County, VA.
<https://doi.org/10.17605/OSF.IO/KB2DM>.
- 2019 In collaboration with Alyson Powell Key and *Parametric Press*. Apartments demolished and residents displaced in Atlanta’s northern suburbs, 2010–2017. *Parametric Press*. <https://parametric.press/issue-01/data-science-for-fair-housing/>.

Data Products in Preparation

Markley, S., S. Holloway, T. Hafley, and M. Hauer. HHUUD20: Historical Housing Unit and Urbanization Database 2020.

Grants Awarded

- 2022 “Housing unit and urbanization estimates for the Continental U.S. in consistent tract boundaries” (\$2,090). Open Access Grant for Graduate Students. Univ. of Georgia Libraries. Principal Investigator.
- 2021 “Assessment of race and heat vulnerability in the Atlanta metropolitan area” (\$9,000). Diversity Research and Scholarship Grant Program, Univ. of Georgia. Co-Investigator with Marshall Shepherd (PI), Jerry Shannon, and Steve Holloway.
- 2021 “Planning spatial obsolescence: racial capitalism, the Home Owners’ Loan Corporation, and the production of racialized devaluation” (\$1,000). Dissertation Research Grant, American Association of Geographers. Principal Investigator.

Courses Taught

Instructor of Record

CRP 2010: People, Planning, and Politics in the City, Cornell Univ.

GEOG 1101: Intro. to Human Geography, Univ. of Georgia

GEOG 3630: Intro. to Urban Geography, Univ. of Georgia

Teaching/Lab Assistant

GEOG 4370/6370: Intro. to GIS, Univ. of Georgia

GEOG 1101: Intro. to Human Geography, Univ. of Georgia

GEOG 340: Economic Geography, Univ. of Tennessee

GEOG 101: World Geography, Univ. of Tennessee

GEOG 1130: World Regional Geography, Georgia Southern Univ.

Conference Presentations

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| 2022 | “Creating and using the Historical Housing Unit and Urbanization Database.” Applied Geography Conference. Virtual. Paper. |
| 2022 | “Planning spatial obsolescence: mapping the historical geographies of racialized devaluation.” American Association of Geographers (AAG) Annual Meeting. Virtual. Paper. |
| 2021 | “Tabulating HOLC ‘Area Description’ sheet data.” Applied Geography Conference. Virtual. Paper. |
| 2021 | “Residential segregation and the ‘racist theory of value’ in racial capitalism.” AAG Annual Meeting. Virtual. Paper. |
| 2019 | “The racial wealth gap and the limits of homeownership.” Urban Affairs Association Conference. Los Angeles, CA. Paper. |
| 2019 | “Demolition and displacement in the white ethno-suburb.” AAG Annual Meeting. Washington, DC. Paper. |
| 2018 | “From exclusion to expulsion: apartment demolitions in Atlanta’s northern suburbs since the Recession.” Atlanta Studies Symposium. Atlanta, GA. Panel. |
| 2018 | “Recovery for whom? Race, class, and property in Atlanta since the Great Recession.” AAG Annual Meeting. New Orleans, LA. Paper. |
| 2018 | “Suburban renewal: Demolition and displacement in an Atlanta suburb.” Geography Graduate Research Symposium. Athens, GA. Paper. |
| 2017 | “New Urbanism and race: An analysis of neighborhood change in Metro Atlanta.” AAG Annual Meeting. Boston, MA. Paper. |
| 2016 | “Progressive alternative or business as usual? Analyzing the relationship between New Urbanism and racial/ethnic change in Atlanta’s inner suburbs.” Race, Ethnicity, Place Conference. Kent, OH. Paper. |

- 2016 “Examining the determinants of infill New Urbanism in Atlanta’s suburbs.” AAG Annual Meeting. San Francisco, CA. Paper.
- 2016 “Gentrification in the suburbs: A look at the case of Roswell, Georgia.” University of Tennessee Geography Symposium. Knoxville, TN. Paper.
- 2015 “New-build gentrification in the Atlanta suburbs? Examining the determinants of New Urban-designed project locations in Cobb County, Georgia.” AAG Annual Meeting. Chicago, IL. Paper.
- 2014 “Regional and racial disparity of preterm birth prevalence in Georgia, 1995-2012.” Applied Geography Conference.” Atlanta, GA. Paper. Co-presented with Wei Tu.

Conference Sessions and Panels Organized

- 2023 “Spatial histories of real estate data.” AAG Annual Meeting. Paper session. Co-organized with Ian Spangler.
- 2022 “Historical urban geographies of whiteness and anti-Blackness.” AAG Annual Meeting. Virtual. Two paper sessions. Co-organized with Taylor Shelton and Wenfei Xu.
- 2019 “The spatial politics of reaction: austerity, resentment, and the urban.” AAG Annual Meeting. Washington, DC. Two paper sessions. Co-organized with Coleman Allums.
- 2018 “Race, capitalism, and metropolitan space under (late) neoliberalism.” AAG Annual Meeting. New Orleans, LA. Three paper sessions. Co-organized with Coleman Allums, Taylor Hafley, and Guillaume Poirer.
- 2018 “Geographies of neoliberal governance in Metro Atlanta.” Atlanta Studies Symposium, Atlanta Georgia. Panel. Co-organized with Coleman Allums, Rachel Will, and Taylor Hafley.
- 2017 “Suburban geographies of crisis and change.” AAG Annual Meeting. Boston, MA. Three paper sessions. Co-organized with Coleman Allums and Guillaume Poirer.
- 2017 “Emerging scholars in ethnic geography.” AAG Annual Meeting. Boston, MA. One paper session. Co-organized with Ana Sanchez-Rivera and John Ponstingel.

Invited Talks

- 2022 “Underemployment Qlik App Demonstration.” (December 1). Georgia Department of Economic Development. Virtual. Featured speaker.
- 2022 “Population projections for Pooler, Georgia.” (October 25). Georgia Environmental Protection Division. Virtual. Co-presented with Taylor Hafley.

- 2022 “DDS data analysis: exploring 2016–2020 driver’s license data.” (September 20). Georgia Department of Driver Services. Virtual. Featured speaker.
- 2022 “Monitoring enrollment progress during the application period across Georgia’s institutions of higher education.” (June 2). University System of Georgia. Virtual. Featured speaker.
- 2022 “Exploring tract-level historical housing unit data.” (April 12). Center for Housing and Community Research. Virtual. Featured speaker.
- 2021 “Using R to update the intrastate funding formula.” (September 24). Georgia Department of Human Services, Division of Aging Services. Virtual. Featured speaker.
- 2019 “Moving beyond intent: race and redevelopment in the Atlanta suburbs.” (November 15). Southeastern Council of Foundations Annual Meeting. Atlanta, GA. Co-panelist with Mayor Shirley Franklin, Tim Keane, and Frank Fernandez.

Workshops Led

- 2022 “Reporting on redlining: get to know your data with Scott Markley.” (March 29). Norman B. Leventhal Map & Education Center at the Boston Public Library.
<https://www.leventhalmap.org/event/reporting-on-redlining-get-to-know-your-data-with-scott-markley/>.

Honors and Awards

- 2023 Economic Inclusion Research Network Workshop Participant (\$900 value)
 Urban Affairs Association and the Kaufman Foundation
- 2022 Dissertation Proposal Award (\$200)
 Ethnic Geography Specialty Group, AAG
- 2016 Student Travel Award (\$150 value)
 Race, Ethnicity, Place VIII Conference
- 2016 Robert G. Long Outstanding Graduate Student, M.S. (\$250)
 Department of Geography, Univ. of Tennessee
- 2016 Student Paper Competition Award (\$200)
 Ethnic Geography Specialty Group, AAG
- 2013 Student of the Year (\$500)
 Esri Development Center
- 2013 Eagle’s Abroad Travel Award (\$250)
 Georgia Southern Univ.
- 2013 Outstanding Scholar Award
 Georgia Southern Univ.

2013	Geography Student of the Year Georgia Southern Univ.
2012	Daniel B. Good Geography Scholarship (\$1,000) Georgia Southern Univ.
2012	John F. Nolen Scholarship (\$1,000) Georgia Southern Univ.
2012	Savannah GIS Day Undergraduate Poster Competition Winner (\$250) Savannah Area GIS
2011	Savannah GIS Day Undergraduate Poster Competition Winner (\$250) Savannah Area GIS
2009–13	HOPE Scholarship (tuition waiver) State of Georgia

Professional and Community Service

2022	College Board Advanced Placement (AP) Expert Advisor East Hamilton High School, Ooltewah, TN
2022	Volunteer Organizer GIS Day, Univ. of Georgia
2016–21	Student representative Ethnic Geography Specialty Group, AAG
2018–19	Executive Committee member Geography Graduate Student Association, Univ. of Georgia
2019	Map Consultant Sandy Springs Together, Sandy Springs, GA
2018	Data Consultant Communication Workers of America (CWA)
2016–17	Student planner Geography Graduate Research Symposium, Univ. of Georgia
2016	Map Consultant East Tennessee Peace and Justice Center, Knoxville, TN
2016	Student volunteer Southern Demographic Association meeting, Athens, GA
2015–16	Secretary/Treasurer Graduate Association of Research Geographers, Univ. of Tennessee

- 2012–13 Student Government Representative
Georgia Southern Univ.
- 2011 Student volunteer
SEDAAG meeting, Savannah, GA

Journal Reviews

- 2022 *Annals of the American Association of Geographers*
- 2022, 2022, 2019, 2018 *Journal of Urban Affairs*
- 2022, 2020, 2017 *Housing Policy Debate*
- 2021, 2020 *Urban Geography*
- 2021, 2018 *Journal of Transport Geography*
- 2020 *Cities*
- 2019 *Southeastern Geographer*
- 2018 *Urban Planning*
- 2016 *Geographical Review*

Quoted in Media

- 2022 Buchanan, Kevin. (March 27). Is SLO housing market really ‘doing well’? That depends on your definition. *The Tribune*.
http://ct.moreover.com/?a=47365986914&p=1pl&v=1&x=W_4OgE-2z-6HxdsAscfKbA.
- 2022 Spangler, Ian. (January 23). Reporting on redlining: an interview with Scott Markley. *Get to Know Your Data*, Norman B. Leventhal Map & Education Center at the Boston Public Library. <https://www.leventhalmap.org/articles/scott-markley-interview/>.
- 2021 Urban Institute. (September 29). Racial appreciation gap limits financial benefits of Black homeownership. *Housing Matters: An Urban Institute Initiative*.
https://housingmatters.urban.org/research-summary/racial-appreciation-gap-limits-financial-benefits-black-homeownership?utm_medium=twitter&utm_source=hm_social.
- 2021 Mironova, Oksana. (January 15). Pushing Biden to address the U.S.’s housing crisis. *On the Precipice: A Progressive Agenda in the Biden Era*, Rosa Luxemburg Stiftung. <https://rosalux.nyc/biden-housing-crisis/>
- 2020 Hartman, Travis, Sam Hart, Jonnelle Marte, and Howard Schneider. (July 14). The race gap: how US systemic racism plays out in Black lives. *Reuters Graphics*.
https://graphics.reuters.com/GLOBAL-RACE/USA/nmopajawjva/index.html?fbclid=IwARogLuYeFLYig1ubTksaFjzuSoxNqf5sUFW8MoWeDvqlz1ml_rvvnnpFanuU#o.

- 2020 Enghauser, Audrey. (May 29). Redress for Linnentown. *Odyssey Media Group at Clarke Central High School*, Issue 4. <http://www.odysseynewsmagazine.com/2020/05/29/redress-for-linnentown/>.
- 2020 Buckner, Heather, Steve Fennessy, Betsy Riley, Mara Shalhoup, and Thomas Wheatley. (April 30). Can we still afford Atlanta? *Atlanta Magazine*. <https://www.atlantamagazine.com/list/can-we-still-afford-atlanta/9-reasons-why-were-facing-an-affordability-crunch/>.
- 2020 Givens, Dana. (March 4). The rise of Black businesses and homeownership won't close the racial wealth gap. *Black Enterprise*. <https://www.blackenterprise.com/the-rise-of-black-businesses-and-homeownership-wont-close-the-racial-wealth-gap/>.
- 2020 Mock, Brentin. (February 25). Why Black businesses and homeownership won't close the wealth gap. *Bloomberg CityLab*. <https://www.bloomberg.com/news/articles/2020-02-25/how-to-actually-close-the-racial-wealth-gap>.
- 2019 Key, Alyson Powell. (May 1). Data science for fair housing. *Parametric Press*, Issue 1: Science+Society. <https://parametric.press/issue-01/data-science-for-fair-housing/>.
- 2018 Vashi, Sonam. (November 5). Q+A: Scott Markley on the racial impact of Atlanta's apartment demolitions. *Saporta Report*. <https://saportareport.com/qa-scott-markley-on-the-racial-impact-of-atlantas-apartment-demolitions/>.

Professional Memberships

- 2018– Urban Affairs Association
- 2014– American Association of Geographers (AAG)
- 2011– Southeastern Division of the American Association of Geographers (SEDAAG)

Software Proficiency

R/R Studio

ArcGIS Pro / ArcGIS Online

Python (for ArcGIS)

QGIS

Adobe Illustrator

Qlik Sense

Power BI

Google Earth

Microsoft Office