

Joe Weber

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Education:

PhD. Ohio State University, Department of Geography, 2001, Advisor: Mei-Po Kwan
M.A. University of Arizona, Department of Geography and Regional Development, 1994,
Advisor: David Plane
B.A. University of Arizona, Department of Geography and Regional Development, 1992

Professional Experience:

2014 – present: Professor, Department of Geography, University of Alabama.
2007 – 2014: Associate Professor, Department of Geography, University of Alabama.
2001 – 2007: Assistant Professor, Department of Geography, University of Alabama.
1995 – 2001: Graduate Assistant, Department of Geography, Ohio State University.

Research Interests:

National parks
Transport geography, accessibility and time geography, transportation networks, and roadside
landscapes.
American West and arid lands

Books

In Press Joe Weber and Selima Sultana. *The Parks Belong to the People: The Geography of the National Park System*. Athens: University of Georgia Press.
2022. Joe Weber. *Mapping Historical Las Vegas: A Cartographic Journey*. Reno: University of Nevada Press.
2016. Selima Sultana and Joe Weber, editors. *Minicars, Maglevs, and Mopeds: Modern Modes of Transportation Around the World*. Santa Barbara: ABC-CLIO/Greenwood Press.

Journal Articles and Chapters:

2023. Joe Weber. The Origins of the Section Line Arterial Street Grid in Tucson, Arizona. *Journal of the Southwest* 65(2): 149-176.
2023. Joe Weber. The Public Land Survey Landscape in the Intermountain American West. *Professional Geographer* 75(3) 452-462. DOI: 10.1080/00330124.2022.2094425.
2023. Selima Sultana, Josh Merced, Ridwaana Allen, Gregory Carlton, and Joe Weber. Great Smoky Mountains National Park and its Missing Black Visitors: A Preliminary Analysis on the Hidden Architecture of Landscape. *Southeastern Geographer* 63(1): 15-35.
2022. Joe Weber. America's Lost National Monuments. *Journal of Historical Geography* 78: 55-68. DOI: 10.1016/j.jhg.2022.07.008.

2022. Seth Appiah-Opoku, William McWhorter, and Joe Weber. Health Impacts of Small-Scale Gold Mining in Kenyasi, Ghana. *Journal of African Studies and Development* 14(4):130-140. DOI: 10.5897/JASD2022.0662.
2022. Emily Schnarre, Seth Appiah-Opoku, Joe Weber, and Stephen Jones. Improving Mobility and Infrastructural Connectivity on College Campus for Commuting Students: A Case Study from the US. *Urban Planning and Transport Research*. 10(1):466-482. DOI: 10.1080/21650020.2022.2104755
2022. Bronwen Lichtenstein and Joe Weber. COVID-19 and the CARES Act: Racial Disadvantage, Mortgage Relief, and Foreclosure in Tuscaloosa County, Alabama. *Housing and Society* 50(2): 162-181. DOI: 10.1080/08882746.2022.2070699
2022. Joe Weber. Diamonds, Cloverleaves, and SPUIs: The Geography of Freeway Interchanges in the United States. *Professional Geographer* 74(1): 102-114. DOI: 10.1080/00330124.2021.1949730
2021. Joe Weber and Matthew LaFevor. Exploring Remnant Landscapes of Nevada's Arrowhead Trail. *Geographical Review* 111(3): 437-457. DOI: 10.1080/00167428.2020.1800409
2021. Joe Weber. The Lost Meridian of the 'Aha Makhav. *Cartographica* 56(2): 106-119. DOI:10.3138/cart-2020-0017
2021. Joe Weber. Discrepancies in the Spatial Extent of Common GIS Highway Networks. *Transactions in GIS*. 25: 1565-1576. DOI: 10.1111/tgis.12743
2021. Joe Weber. America's Pioneer Freeways. *Material Culture* 53(1): 61-78.
2020. Caroline Glass, Seth Appiah-Opoku, Joe Weber, Steven L. Jones, Amber Chan, and Judith Oppong. The role of bike share programs in transit-oriented development: the case of Birmingham, Alabama. *Journal of Urban Planning and Development* 146(2): 050200002.
2019. Bronwen Lichtenstein and Joe Weber. Age, Race, and Geographic Trajectories of Foreclosure in a Deep South County. *Southeastern Geographer* 39(4): 403-423. DOI: 10.1353/sgo.2019.0032
2019. Joe Weber. The Three American Wests. *Professional Geographer* 17(2): 239-252. DOI: 10.1080/00330124.2018.1501707
2019. Bronwen Lichtenstein and Joe Weber. Cumulative Disadvantage or Beating the Odds?: Racial Disparities in Home Foreclosure by Neighborhood Composition in the American Deep South. *Housing, Theory and Society* 36(4): 489-583. DOI: 10.1080/14036096.2019.1568297
2018. Joe Weber. The Colorado and Virgin Rivers Before Lake Mead. *Journal of Maps* 14(2): 583-588. DOI: 10.1080/17445647.2018.1517700
2018. Selima Sultana, Hyojin Kim, and Joe Weber. A Geographic Assessment of the Economic Development Impact of Korean High-Speed Rail Stations. *Transport Policy* 66: 127-137. DOI: 10.1016/j.tranpol.2018.02.008
2018. Joe Weber. The Transition from Folk to Engineered Roads in the Mojave Desert. *Journal of Historical Geography* 61:14-26. DOI: 10.1016/j.jhg.2018.02.017
2018. Bronwen Lichtenstein, Towanda Pettway, and Joe Weber. Sharecropper's Tuberculosis: Pathologies of Power in a Fatal Outbreak. *Medical Anthropology* 37(6): 499-513. DOI: 10.1080/01459740.2017.1417282
2018. Joe Weber. Route Change on the American Freeway System. *Journal of Transport*

- Geography* 67: 12-23. DOI: 10.1016/j.jtrangeo.2018.01.003
2017. Tyrone Cheng, Celia Lo, and Joe Weber. Racial disparities in welfare dependence and financial independence: Links to human capital, local economy, and state TANF policies. *Journal of Social Service Research* 43(1): 69-84. DOI: 10.1080/01488376.2016.1235070
2017. Joe Weber. Continuity and Change in American Urban Freeway Networks. *Journal of Transport Geography* 58: 31-39. DOI: 10.1016/j.jtrangeo.2016.11.007
2016. Joe Weber. The Properties of Topological Network Connectivity Measures and their Application to U.S. Urban Freeway Networks. *Professional Geographer* 68(3) 485-495. DOI: 10.1080/00330124.2015.1106324
2016. Bronwen Lichtenstein and Joe Weber. Losing ground: racial disparities in medical debt and home foreclosure in the Deep South. *Family and Community Health* 39(3): 178-187. DOI: 10.1097/FCH.0000000000000108
2016. Joe Weber. America's lost national park units: a closer look. *The George Wright Forum* 33(1) 59-69.
2016. Joe Weber. Yesterday's Freeway Network of Tomorrow. *Geographical Review* 106: 54-71. DOI: 10.1111/j.1931-0846.2015.12131.x
2015. Celia Lo, Tyrone Cheng and Joe Weber. Community's Role and School's Role in Protecting Against Student Substance Use: A Spatial Analysis. *Journal of Child & Adolescent Substance Abuse* 24:198-206. DOI: 10.1080/1067828X.2013.803944
2015. Joe Weber and Bronwen Lichtenstein. Building Back: Stratified Recovery after an EF-4 Tornado in Tuscaloosa, Alabama. *City and Community* 14: 186-205. DOI: 10.1111/cico.12105
2015. Bronwen Lichtenstein and Joe Weber. Women Foreclosed: A Gender Analysis of Housing Loss in the U.S. Deep South. *Social and Cultural Geography* 16(1): 1-21. DOI: 10.1080/14649365.2014.932002
2014. Ben Lundberg and Joe Weber. Non-Motorized Transport and University Populations: An Analysis of Connectivity and Network Perceptions. *Journal of Transport Geography* 39: 165-178. DOI: 10.1016/j.jtrangeo.2014.07.002
2014. Bronwen Lichtenstein and Joe Weber. Old Ways, New Impacts: Race, Residential Patterns, and the Home Foreclosure Crisis in the American South. *Professional Geographer* 66: 390-402. DOI: 10.1080/00330124.2013.799993
2014. Selima Sultana and Joe Weber. The Nature of Urban Growth and the Commuting Transition: Endless Sprawl or a Growth Wave? *Urban Studies* 51: 544-576. DOI: 10.1177/0042098013498284
2013. Celia Lo, Tyrone Cheng and Joe Weber. A Spatial Analysis of Student Binge Drinking, Alcohol-Outlet Density, and Social Disadvantages. *The American Journal on Addictions* 22: 391-401. DOI: 10.1111/j.1521-0391.2013.12022.x
2013. Joe Weber and Selima Sultana. The Civil Rights Movement and the Future of the National Park System. *Tourism Geographies* 15: 444-469. DOI:10.1080/14616688.2012.675515
2013. Celia Lo, Joe Weber, and Tyrone Cheng. Urban-Rural Differentials: A Spatial Analysis of Alabama Students' Recent Alcohol Use and Marijuana Use. *The American Journal on Addictions* 22:188-196. DOI: 10.1111/j.1521-0391.2012.12023.x
2013. Joe Weber and Selima Sultana. Why Do So Few Minority People Visit National Parks? Visitation and the Accessibility of "America's Best Idea." *Annals of the Association of*

- American Geographers* 103: 437-464. DOI 10.1080/00045608.2012.689240
2012. Joe Weber. The Evolving Interstate Highway System and the Changing Geography of the United States. *Journal of Transport Geography* 25: 70-86. DOI: 10.1016/j.jtrangeo.2012.07.012
2011. Joe Weber. "America's New Design for Living": The Interstate Highway System and the Spatial Transformation of the U.S. In *Engineering Earth: The Impacts of Mega-Engineering Projects* (edited by Stan Brunn), pp 532-567. Dordrecht: Springer. DOI 10.1007/978-90-481-9920-4_32
2009. Irene Casas, Mark Horner, and Joe Weber. A comparison of three methods for identifying transport-based exclusion: a case study of children's access to urban opportunities in Erie and Niagara counties, New York. *International Journal of Sustainable Transportation* 3: 227-245. DOI: 10.1080/15568310802158761
2008. Mei-Po Kwan and Joe Weber. Individual accessibility revisited: implications for geographical analysis in the 21st century, In *Transport: Critical Essays in Human Geography* (edited by Susan Hanson and Mei-Po Kwan). London: Ashgate.
2008. Joe Weber and Selima Sultana. Race, Employment Sprawl, and the Journey to Work in Birmingham, Alabama. *Southeastern Geographer* 48: 53-74. DOI: 10.1353/sgo.0.0014
2008. Mei-Po Kwan and Joe Weber. Scale and Accessibility: Implications for the Analysis of Land Use-Travel Interaction. *Applied Geography* 28: 110-123. DOI 10.1016/j.apgeog.2007.07.002
2007. Selima Sultana and Joe Weber. Journey-to-Work Patterns in the Age of Sprawl: Evidence from Two Midsize Southern Metropolitan Areas. *Professional Geographer* 59: 193-208. DOI: 10.1111/j.1467-9272.2007.00607.x
2005. Andy McCall and Joe Weber. Predicting Attendance at Southeastern Amusement Parks Using Accessibility and Amenity Based Models. *The Geographical Bulletin* 47: 45-59.
2005. Joe Weber. The Morphogenesis of State Highway Networks in the United States. *Journal of Historical Geography* 31: 723-743. DOI:10.1016/j.jhg.2004.11.001
2004. Joe Weber. Diverging Narratives: Evaluating the Uses of the Ideal-Typical Sequence of Transport Network Development. *Journal of Geography* 103: 211-217. DOI: 10.1080/00221340408978602
2004. Joe Weber. Everyday places on the American freeway system. *Journal of Cultural Geography* 21: 1-26. DOI: 10.1080/08873639009478257
2003. Joe Weber and Mei-Po Kwan. Evaluating the Effects of Geographical Contexts on Individual Accessibility: A Multilevel Approach. *Urban Geography* 24: 647-671. DOI: 10.2747/0272-3638.24.8.647
2003. Mei-Po Kwan and Joe Weber. Individual Accessibility Revisited: The Implications of Changing Urban Form and Human Spatial Behavior. *Geographical Analysis* 35: 341-353.
2003. Joe Weber. Individual Accessibility and Distance from Major Employment Centers: an Examination Using Space-Time Measures. *Journal of Geographical Systems* 5: 51-70. DOI: 10.1007/s101090300103
2002. Joe Weber and Mei-Po Kwan. Bringing Time Back In: A Study on the Influence of Travel Time Variations and Facility Opening Hours on Individual Accessibility. *Professional Geographer* 54: 226-240. DOI: 10.1111/0033-0124.00328

Book Reviews:

2023. McKenzie Long. 2022. *This Contested Land: The Storied Past and Uncertain Future of America's National Monuments*. Minneapolis: University of Minnesota Press. Reviewed in *AAG Review of Books* 11(3): 10-11.
2017. Rex J. Rowley. 2013. *Everyday Las Vegas: Local Life in a Tourist Town*. Reno: University of Nevada Press. Reviewed in *Material Culture* 49(1): 109-111.
2017. Henry D. Lyell, Jr. 2016. *The Jefferson Highway: Blazing the Way from Winnipeg to New Orleans*. Iowa City: University of Iowa Press; Tammy Ingram. 2014. *Dixie Highway: Road Building and the Making of the Modern South, 1900-1930*. Chapel Hill: University of North Carolina Press; John Jakle and Keith A. Sculle. 2013. *The Garage: Automobility and Building Innovation in America's Early Auto Age*. Knoxville: University of Tennessee Press. Reviewed in *AAG Review of Books* 5(2): 116-120.
2014. Joseph F. C. DiMento and Cliff Ellis. 2013. *Changing Lanes: Visions and Histories of Urban Freeways*. Cambridge, MIT Press. Reviewed in *Journal of Historical Geography* 43: 191-192.
2011. John R. Stilgoe. 2007. *Train Time: Railroads and the Imminent Reshaping of the United States Landscape*. Charlottesville, University of Virginia Press. Reviewed in *Geographical Review* 101: 130-132.
2009. Barney Warf. 2008. *Time-Space Compression: Historical Geographies*. London, Routledge Press. Reviewed in *Journal of Historical Geography* 35: 603-604.
2008. John A. Jakle and Keith A. Sculle. 2008. *Motoring: the Highway Experience in America*. Athens, University of Georgia Press. Reviewed in *Journal of Cultural Geography* 25: 371-372.
2007. Paul F. Starrs and Peter Goin. 2005. *Black Rock*. Reno, University of Nevada Press, 2005. Reviewed in *Journal of Cultural Geography* 24: 109-111.
2007. Jean-Paul Rodrigue, Claude Comtois, and Brian Slack. 2006. *Geography of Transport Systems*. London, Routledge. Reviewed in *Journal of Regional Science* 47: 642-644.
2002. Marlon G. Boarnet and Randall Crane. 2001. *Travel by Design: The Influence of Urban Form on Travel*. Oxford: Oxford University Press. Reviewed in *Annals of the Association of American Geographers*, 92: 372-374.
2001. Valerie L. Kuletz. 1998. *The Tainted Desert: Environmental and Social Ruin in the American West*. New York, Routledge. Reviewed in *Journal of Cultural Geography*, 19: 127-128.

Other Publications:

2023. Joe Weber and John Kupfer. Guest Editors' Introduction: Protected Areas of the American Southeast. *Southeastern Geographer* 63(1): 6-14.
2022. Joe Weber. Invisible Freeways. *Newsletter of the Road Map Collectors Association*. 90: 1,3-4.
2019. Joe Weber. USGS Road Maps in the Mojave Desert. *Newsletter of the Road Map Collectors Association*. 79: 1,3.
2018. Joe Weber. On Location: the Geography of Film and Television in Death Valley. *Proceedings of the 10th Death Valley Conference on History and Prehistory* 10: 178-195.
2017. Joe Weber. Buffers. In *The International Encyclopedia of Geography People, the Earth, Environment, and Technology*. Douglas Richardson (ed). New York: Wiley.

2015. Joe Weber and Mei-Po Kwan. Mobility and travel activity patterns. In *The International Encyclopedia of the Social and Behavioral Sciences, Second Edition*. James Wright (ed), pp 636-645. Oxford: Elsevier.
2014. Selima Sultana and Joe Weber. Commuting times increase as cities grow, and then fall as areas mature. *The London School of Economics and Political Science*.
<http://blogs.lse.ac.uk/usappblog/2014/02/24/commuting-time-city-maturity/>
2013. Joe Weber. Star Wars in Death Valley. *Proceedings of the 9th Death Valley Conference on History and Prehistory* 9: 8-23.
2011. Joe Weber. Conceptualizing and measuring accessibility to national parks. *Papers of the Applied Geography Conference* 34: 83-92.
2010. Celia Lo, Joe Weber, and Tyrone Cheng. Alabama Public School Students' Binge Drinking: Role of Environment-Based Factors. *Drug and Alcohol Review* 29 (Suppl. 1): 74. (Published abstract)
2010. Joe Weber. Network Analysis. In *Encyclopedia of Geography* (edited by Barney Warf). Thousand Oaks, CA: SAGE.
2010. Joe Weber. Mei-Po Kwan. In *Encyclopedia of Geography* (edited by Barney Warf). Thousand Oaks, CA: SAGE.
2010. Joe Weber. Accessibility. In *Encyclopedia of Geography* (edited by Barney Warf). Thousand Oaks, CA: SAGE.
2010. Joe Weber. TGSG page. *Journal of Transport Geography* 18: 342-343.
2009. Joe Weber. TGSG page. *Journal of Transport Geography* 17: 152-153.
2006. Joe Weber. Reflections on the Future of Accessibility. *Journal of Transport Geography* 14: 399-400. DOI: 10.1016/j.jtrangeo.2006.06.005
2006. Joe Weber, Selima Sultana, and Isabelle Maret. Urban Sprawl, Commuting, and Access to Public Transportation in the Southeast. *Papers of the Applied Geography Conference*. 29: 282-291.
2005. Selima Sultana, J. Hare, and Joe Weber. The Relationship of Income, Density, and Commuting Times on Overweight/Obesity Rates in North Carolina. *Papers of the Applied Geography Conference* 28: 254-263.
2005. Joe Weber and Selima Sultana. *The Impact of Sprawl on Commuting in Alabama*. Final report to University Transportation Center for Alabama.
http://utca.eng.ua.edu/projects/final_reports/04108fnl.pdf

Funded Research Projects:

- 2018-2019. M. A. Elliott (PI, 34%), Weber, J. (Co-PI 33%), Cohen, S. (Co-PI 33%). *Modeling Straight Pipe Prevalence in Rural Alabama*. Environmental Protection Agency. \$15,000.
- 2017-2019 Joe Weber (PI). *Finding the Lost Arrowhead Trail*. Charles Redd Center for Western Studies. \$875.
2015. Joe Weber (Co-PI) and Amy Weber (Co-PI). *Mapping Historic Road Landscapes in Death Valley National Park*. Anne U. White Award, Association of American Geographers, \$1500.
2013. Bronwen Lichtenstein (Co-PI) and Joe Weber (Co-PI). *Tornado Impacts on Home Mortgage Foreclosure Activity in Tuscaloosa County*. Academy of Research,

- Scholarship, and Creative Activity, University of Alabama, \$4603.
- 2009-2013. Celia Lo (Co-PI) and Joe Weber (Co-PI). *Students and Alcohol: A Spatial Analysis Incorporating School Location and Context*. National Institutes of Health, \$139,041.
- 2006-2008. *Evaluating the Impacts of Sustainable Transportation on Accessibility to Employment*. Research Advisory Committee, Office for Sponsored Programs, University of Alabama, \$5000.
- 2004-2005. Joe Weber (PI) and Selima Sultana, *The Impact of Sprawl on Commuting in Alabama*. University Transport Center of Alabama, \$19,770.
- 2002-2004. *Multilevel Analysis of Household Travel Behavior*. Research Advisory Committee, Office for Sponsored Programs, University of Alabama, \$4960.

Panels, Invited Presentations and Workshops:

2023. Discussant for Fleming lectures, Annual Meeting of the American Association of Geographers, March 23-27.
2022. Participated on panel on local authors, Las Vegas Book Festival, October 22.
2021. *The 200th Anniversary of the Santa Fe Trail*. Presented at the Chief Tuskaloosa chapter of the Daughters of the American Revolution, February 12.
2017. *The Changing Geography of America's National Park System*. Presented at the Civitan Club, Tuscaloosa, February 15.
2014. *Exploring America's Lost National Park Units*, presented at the Geography Department at University of North Carolina-Greensboro, November 7.
2014. *A Gender Analysis of Housing Loss in the U.S. Deep South*, presented at Brown Bag Lecture Series, Department of Gender and Race, November 5. (Bronwen Lichtenstein and Joe Weber).
2014. *"Not for kings or Noblemen....but for Everyone, for all Time": Revisiting the National Park System in a Racially Diverse America*, presented at the Geography Department at University of Tennessee-Knoxville, March 27 (Selima Sultana and Joe Weber).
2013. *Geography, Minority Visitation and the Accessibility of "America's Best Idea,"* presented at the George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Denver, Colorado, March 11 – 15 (Joe Weber and Selima Sultana).
2013. *Visitation and the accessibility of 'America's Best Idea' in a racially diverse America*, presented at the Annual Meeting of the Transportation Research Board, Washington, DC, January 13 – 17 (Joe Weber and Selima Sultana).
2012. *Using GIS to Better Understand Visitation to America's National Parks*, at the University of Alabama Geospatial Information Sciences and Technologies Awareness Day, Tuscaloosa, Alabama, November 15.
2006. Participated in panel on *Transport Geography: Identifying Emerging Research Trends and New Directions in the Subdiscipline*, at the Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 7 - 11.
2003. *ICT, Innovation and the Transport System*, presented at the STELLA Focus Group 2 Workshop, Newcastle-upon-Tyne, United Kingdom, May 8 – 10 (Alice Jackson, Chris Lee, Qisheng Pan, and Joe Weber).
2003. Participated in panel on *Teaching Urban Geography: Bringing the City into Focus for Undergraduate Students*, at the Annual Meeting of the Association of American

- Geographers, New Orleans, Louisiana, March 4 – 8.
2002. Visiting Instructor for Center for Spatially Integrated Social Science (CSISS) workshop on accessibility, Ohio State University, Columbus, Ohio, July 2002.
2001. *Evaluating the Effects of Time on Individual Accessibility using Geographic Information Systems*, presented at the quarterly meeting of the Tuscaloosa County Geographic Information Association (TCGIA), Tuscaloosa, Alabama, October 26.

Professional Presentations:

2023. *Transportation, (Im)Mobility, and the National Parks*, to be presented at the Annual Meeting of the Association of Pacific Coast Geographers, October 19-21 (Selima Sultana and Joe Weber).
2023. *The Great Death Valley National Monument Mission 66 Conspiracy (that never was)*, presented at the Annual Meeting of the American Association of Geographers, March 23-27.
2022. *The Lost Southeastern Roadside National Park Units and the Army's National Park System*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, November 19-22 (Joe Weber and Selima Sultana).
2022. *Understanding the Underrepresentation of Black Visitors in Great Smoky Mountains National Park: Evidence from Household Survey Data*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, November 19-22 (Selima Sultana and Joe Weber).
2022. *COVID-19 and The CARES Act in the Deep South: Mortgage Relief, Race, and Foreclosure*, presented at the Annual Meeting of the American Sociological Association, Los Angeles, California, August 5-9 (Bronwen Lichtenstein and Joe Weber).
2022. *Underrepresentation of Black Visitors in Great Smoky Mountains National Park: Evidence from Household Survey Data*, presented at the Annual Meeting of the Association of American Geographers, New York, New York, February 25 (Selima Sultana and Joe Weber).
2022. *The Battlefield Parks and the National Park System*, presented at the Annual Meeting of the Association of American Geographers, New York, New York, February 25.
2022. *Measuring Accessibility of Movement Challenged Persons During Earthquake Evacuation A Case Study of Dhaka, Bangladesh*, presented at the Annual Meeting of the Transportation Research Board, Washington, DC, January 9 – 13 (Md Musfiqur Rahman Bhuiya, Wanyun Shao, Steven Jones, and Joe Weber).
2021. *America's Lost National Monuments and the Limits of the National Park System*, presented at the Annual Meeting of the Association of American Geographers, Seattle, Washington, April 7 – 11.
2019. *Mapping the Past with Historical GIS*, presented at the University of Alabama GIS Day, November 13.
2019. *Exploring America's Lost National Monuments*, presented at the Annual Meeting of the Association of Pacific Coast Geographers, Flagstaff, Arizona, October 16-19.
2019. *Health, Inequality, and the Affordable Care Act*, presented at the Annual Meeting of the American Sociological Association, New York, NY, August 10-13. (Bronwen Lichtenstein and Joe Weber).
2019. *Changing Boundaries in the National Park System*, presented at the Annual Meeting of

- the Association of American Geographers, Washington, DC, April 3-7. (Joe Weber and Judith Oppong).
2019. *Missing African-American Visitors at Great Smoky Mountains National Park*, presented at the Annual Meeting of the Association of American Geographers, Washington, DC, April 3-7. (Selima Sultana and Joe Weber).
2018. *Commuting Around the Clock in a 24/7 City*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Johnson City, Tennessee, November 18-19. (Joe Weber and Selima Sultana).
2018. *Sharecropper's Tuberculosis: Pathologies of Power in a Fatal Outbreak*, presented at Annual Meeting of the American Sociological Association, Philadelphia, Pennsylvania, August 10-14. (Bronwen Lichtenstein, Towanda Pettway and Joe Weber).
2018. *Uncovering the Arrowhead Trail: Identifying, Classifying, and Mapping Historic Landscapes of Transportation*, presented at the Annual Meeting of the Association of American Geographers, New Orleans, Louisiana, April 10 – 14. (Joe Weber and Matthew LaFevor).
2017. *Changing Boundaries of the National Park System*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Starkville, Mississippi, November 19-20.
2017. *Exploring Changing Boundaries of the National Park System in GIS*, presented at the University of Alabama GIS Day, November 15.
2017. *Spatial Patterns of DUI MV Crashes in Economically Diverse Neighbourhoods with Different Risky Behaviours*, presented at the Road Safety & Simulation International Conference, The Hague, Netherlands, October 17-19. (Samwel Zephaniah, Joe Weber, and Steven Jones).
2017. *Exploring the Health and Safety Issues of Artisanal and Small-Scale Gold Mining in Ghana; A Case Study*, presented at the Annual Meeting of the Association of American Geographers, Boston, Massachusetts, April 5 – 9. (William McWhorter, Seth Appiah-Opoku, Steven Jones, and Joe Weber).
2017. *Bikeshare Program and Transit-Oriented Development in Birmingham, Alabama: A Case Study*, presented at the Annual Meeting of the Association of American Geographers, Boston, Massachusetts, April 5 – 9. (Seth Appiah-Opoku, Caroline Day Glass, and Joe Weber).
2016. *Death, Divorce, and Debt: How Older and Younger Foreclosees Compare, and the Race/Age Implications of Mortgage Debt in a Southern U.S. County*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Columbia, South Carolina, November 20 – 22. (Joe Weber and Bronwen Lichtenstein).
2015. *On Location: the Geography of Film and Television in Death Valley*, presented at the tenth Death Valley Conference on History and Prehistory, Death Valley, California, November 6 – 8.
2014. *Building Back: Stratified Renewal after an EF-4 Tornado in Tuscaloosa, AL*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Athens, Georgia, November 23 – 25. (Joe Weber and Bronwen Lichtenstein).
2014. *Women Foreclosed: A Gender Analysis of Housing Loss in the U.S. Deep South*,

- presented at International Sociological Association, World Congress of Sociology, Yokohama, Japan, July 13-19 (Bronwen Lichtenstein and Joe Weber).
2014. *Building Back: Stratified Renewal after an EF-4 Tornado in Tuscaloosa, AL*, presented at the University of Alabama College Academy for Research, Scholarship, and Creative Activity (CARSCA) conference, April 24 (Joe Weber and Bronwen Lichtenstein).
2014. *Building Back: Stratified Renewal after an EF-4 Tornado in Tuscaloosa, AL*, presented at the Annual Meeting of the Association of American Geographers, Tampa, Florida, April 8-12 (Joe Weber and Bronwen Lichtenstein).
2014. *Exploring America's Lost National Park Units*, presented at Annual Meeting of the Society for Commercial Archaeology, St. Petersburg, Florida, April 9-12.
2013. *Women Foreclosed: An Analysis of Housing Loss and Gender in the Deep South*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Roanoke, Virginia, November 24 – 26.
2013. *Urban growth waves and the commuting transition: examining variations across U.S. metropolitan areas*, presented at the NECTAR (Network on European Communications and Transport Activities Research) 2013 International Conference, Sao Miguel, Azores, June 16-18 (Selima Sultana and Joe Weber).
2013. *"Not for kings or Noblemen....but for Everyone, for all Time": Revisiting the National Park System in a Racially Diverse America*, presented at the Annual Meeting of the Association of American Geographers, Los Angeles, California, April 9-13 (Joe Weber and Selima Sultana).
2012. *The Planning and Transformation of American urban freeway networks, 1955-2005*, poster presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Asheville, North Carolina, November 18 - 20.
2012. *Urban Growth Waves and the Commuting Transition: Examining Variations across U.S. Metropolitan Areas*, presented at the Annual Meeting of the Association of American Geographers, New York, New York, February 24 – 28 (Selima Sultana and Joe Weber).
2011. *Race, Income Disparities and Mortgage Foreclosure in Tuscaloosa County, Alabama*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Savannah, Georgia, November 20 – 22 (Bronwen Lichtenstein and Joe Weber).
2011. *It Takes a Village: Community's Role in Protecting Students from Substance Use*, presented at annual meeting of the American Society of Criminology at Washington, DC, November 16 – 19 (Celia Lo, Celia Lo, Joe Weber, and Tyrone Cheng).
2011. *Star Wars in Death Valley*, presented at the Ninth Death Valley Conference on History and Prehistory at Death Valley, California, November 4 – 6.
2011. *Conceptualizing and Measuring Accessibility to National Parks*, presented at the annual Applied Geography Conference at Redlands, California, October 19 - 22.
2011. *Evaluating the Accessibility of Minorities to "America's Best Idea,"* presented at Annual Meeting of the Association of American Geographers, Seattle, Washington, April 12 – 16 (Joe Weber and Selima Sultana).
2010. *Alabama Public School Students' Binge Drinking: Role of Environment-Based Factors*, presented at The Australasian Professional Society on Alcohol and Other Drugs (APSAD) Conference at Canberra, Australia, November 28 – December 1 (Celia Lo, Joe Weber, and Tyrone Cheng).

2010. *Evaluating the Accessibility of African Americans to “America’s Best Idea,”* presented at Race, Ethnicity and Place Conference at Binghamton University, New York, October 6-8 (Joe Weber and Selima Sultana).
2010. *Urban Growth Wave and Commuting Transitions from 1970 to 2000 in the USA,* presented at the Annual Conference of the European Regional Science Association, Jönköping, Sweden, August 19-23 (Selima Sultana and Joe Weber).
2010. *Accessibility Change on the Interstate Highway System,* presented at the Annual Meeting of the Association of American Geographers, Washington, DC, April 14 - 18.
2009. *Housing Booms, Urban Sprawl, and the Commuting Transition,* presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Knoxville, Tennessee, November 22-24 (Joe Weber and Selima Sultana).
2009. *Geographical Distribution of Adolescent Alcohol Use and Misuse in Alabama,* presented at the American Sociological Association Annual Conference. San Francisco, California, August 7-11 (Celia Lo and Joe Weber).
2009. *Urban growth cycles and commuting transition: Past, present and the future,* presented at 1st Transatlantic NECTAR (Network on European Communications and Transport Activities Research) Conference, Arlington, Virginia, June 18-20 (Selima Sultana and Joe Weber).
2009. *The Growth and Transformation of American Urban Freeway Networks, 1955-2005,* presented at the Annual Meeting of the Association of American Geographers, Las Vegas, Nevada, March 22 - 27.
2008. *Students and Alcohol: A Spatial Analysis Incorporating School Location and Context,* invited presentation at the CARE Research & Development Laboratory (CRDL), College of Engineering, University of Alabama, October (Celia Lo and Joe Weber).
2008. *New Suburban Areas and Their Journey-to-Work Patterns,* presented at the Annual Meeting of the Association of American Geographers, Boston, Massachusetts, April 22 – 26 (Selima Sultana and Joe Weber).
2008. *Conceptualizing and Measuring Accessibility to the National Park System,* presented at the Annual Meeting of the Association of American Geographers, Boston, Massachusetts, April 22 - 26.
2008. *New Suburban Areas: Are Their Commuting Patterns Really That Different from Older Areas?,* presented at A Suburban World? Global Decentralization and the New Metropolis, Reston, Virginia, April 6 – 8 (Selima Sultana and Joe Weber).
2007. *Assessing Accessibility Impacts of the Corridor X Freeway,* presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Charleston, South Carolina, November 18 – 20 (Joe Weber and Brandy Phillips).
2007. *Accessibility Change and Economic Development Along Corridor X,* presented at the Annual Meeting of the Association of American Geographers, San Francisco, California, April 17 – 21 (Joe Weber and Brandy Phillips).
2007. *Comparison of Three Methods for Identifying Transport-Based Exclusion: Case Study of Children’s Access to Urban Opportunities in Erie and Niagara Counties, New York,* presented at the Annual Meeting of the Transportation Research Board, Washington, DC, January 21-25 (Irene Casas, Mark Horner, and Joe Weber).
2006. *Urban Sprawl and Accessibility to Employment in Birmingham,* presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers,

- Morgantown, West Virginia, November 19 – 21 (Joe Weber and Selima Sultana).
2006. *Urban Sprawl, Commuting, and Access to Public Transportation in the Southeast*, presented at the 29th Annual Applied Geography Conference, Tampa, Florida, October 11 – 14 (Joe Weber, Selima Sultana, and Isabelle Maret).
2006. *Identifying Social Exclusion to Support a Sustainable Transport System: A Methodological Comparison Via a Case Study of Urban Opportunities in Buffalo, NY*, presented at New Scholars Conference on Sustainable Transportation, Bloomington Indiana, May 15 – 16 (Irene Casas, Mark Horner, and Joe Weber).
2006. *Urban Sprawl and Employment Accessibility in the Metropolitan South*, presented at the Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 7 – 11 (Joe Weber and Selima Sultana).
2006. *Exploring the Links Between Sprawl, Race and Commuting: Does Job Sprawl Reduce the Distance Between the Home and Workplace?*, presented at the Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 7 – 11 (Selima Sultana and Joe Weber).
2005. *A Fine Scale Analysis of Urban Sprawl and Commuting in Alabama*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, West Palm Beach, Florida, November 20 – 22 (Joe Weber and Selima Sultana).
2005. *Employment Sprawl and the Journey to Work: Linking the Home and Workplace*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, West Palm Beach, Florida, November 20 – 22 (Selima Sultana and Joe Weber).
2005. *The Impact of Urban Sprawl on Commuting Behavior*, presented at the Annual Meeting of the Association of American Geographers, Denver, Colorado, April 5 – 9 (Joe Weber and Selima Sultana).
2005. *Measuring Job Accessibility in Segregated Neighborhoods in Atlanta*, presented at the Annual Meeting of the Association of American Geographers, Denver, Colorado, April 5 – 9 (Selima Sultana and Joe Weber).
2004. *Evaluating the Effects of Individual and Neighborhood Characteristics on Commuting Distance: A Multilevel Analysis*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Biloxi, Mississippi, November 21 - 23.
2004. *Urban Sprawl and Children's Journey to School*, presented at the Annual Meeting of the Association of American Geographers, Philadelphia, Pennsylvania, March 14 – 19 (Joe Weber and Selima Sultana).
2004. *Accessibility, Social Exclusion and the Transport System: Disentangling the Web*, presented at the Annual Meeting of the Association of American Geographers, Philadelphia, Pennsylvania, March 14 – 19 (Irene Casas, Joe Weber, and Mark Horner).
2003. *Urban Sprawl and Access to Public Transportation*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Charlotte, North Carolina, November 22 – 25 (Joe Weber and Isabelle Maret).
2003. *Urban Sprawl and Access to Public Transportation*, presented at the Annual Meeting of the Southern Regional Science Association, Louisville, Kentucky, April 10 – 12 (Joe Weber and Isabelle Maret).

2003. *Incorporating Fear and Security Constraints into Individual Accessibility in a Post-September 11 Society*, presented at the Annual Meeting of the Association of American Geographers, New Orleans, Louisiana, March 4 – 8 (Joe Weber and Irene Casas).
2002. *Evaluating the Effects of Geographic Contexts on Individual Accessibility*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Richmond, Virginia, November 23 - 26.
2002. *Evaluating the Effects of Scale on Individual Accessibility: A Multilevel Approach*, presented at the Annual Meeting of the Association of American Geographers, Los Angeles, California, March 19 – 23.
2001. *Evaluating the Effects of Scale on Individual Accessibility: a Multilevel Approach*, presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Lexington, Kentucky, November 17 - 20.
2001. *Using GIS to Model and Visualize Congestion Effects on Individual Accessibility*, poster presented at the University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Buffalo, New York, June 20 - 24.
2001. *Evaluating the Effects of Location in Individual Accessibility: a Multilevel Approach*, presented at the Annual Meeting of the Association of American Geographers, New York, New York, February 27 – March 3.
2000. *Using GIS to Model and Visualize Congestion Effects on Individual Accessibility*, presented at the Annual Meeting of the East Lakes and West Lakes Divisions of the Association of American Geographers, Oxford, Ohio, October 19 -21 (Joe Weber and Mei-Po Kwan).
2000. *The Influence of Time-of-Day Travel Time Variations on Individual Accessibility*, presented at the Annual Meeting of the Association of American Geographers, Pittsburgh, Pennsylvania, April 4 – 8 (Joe Weber and Mei-Po Kwan).
1999. *Individual Accessibility Reconsidered: Concepts and Measurements*, presented at the Annual Meeting of the Association of American Geographers, Honolulu, Hawaii, March 23 – 27 (Joe Weber and Mei-Po Kwan).
1999. *Reconceptualizing Urban Form and Individual Accessibility*, presented at the Annual Meeting of the Association of American Geographers, Honolulu, Hawaii, March 23 – 27 (Joe Weber and Mei-Po Kwan).
1998. *Individual Accessibility and Urban Form: A Reconsideration of Concepts*, presented at the Annual Meeting of the East Lakes Division of the Association of American Geographers, Columbus, Ohio, October 30 - 31.

Sessions Organized at Professional Meetings:

2023. *Changing Geography of National Parks and Protected Areas* (Two sessions), Annual Meeting of the American Association Geographers, Denver, Colorado, March 23 - 27 (Co-organized with Selima Sultana).
2022. Protected Areas of the American Southeast. Annual Meeting of the Southeastern Division of the Association of American Geographers, November 19-22 (Co organized with John Kupfer and Selima Sultana).
2022. *Changing Geography of National Parks and Protected Areas* (Three sessions), Annual Meeting of the Association of American Geographers, New York, New York, February 25. (Co-organized with Selima Sultana).

2021. *Changing Geography of National Parks and Protected Areas* (Two sessions), Annual Meeting of the Association of American Geographers, Seattle, Washington, April 7 – 11. (Co-organized with Selima Sultana).
2019. *Changing Geography of National Parks and Protected Areas* (Two sessions), Annual Meeting of the Association of American Geographers, Washington, DC, April 3-7 (Co-organized with Selima Sultana).
2018. *Travel and Transportation in Parks and Protected Areas*. Transportation Geography and Recreation, Tourism and Sport Specialty Groups session. Annual Meeting of the Association of American Geographers, New Orleans, Louisiana, April 10-14 (Co-organized with Selima Sultana).
2016. *The National Parks in American Life*. Transportation Geography and Recreation, Tourism and Sport Specialty Groups session. Annual Meeting of the Association of American Geographers, San Francisco, California, March 29 – April 2 (Co-organized with Selima Sultana).
2016. *On Foot and Bicycle*. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, San Francisco, California, March 29 – April 2 (Co-organized with Selima Sultana).
2013. *Accessibility to Public Spaces in Changing Urban Environments* (chair). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Los Angeles, California, April 9 - 13.
2013. *Mobility, Travel, and Place* (chair). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Los Angeles, California, April 9 – 13 (Co-organized with Selima Sultana).
2013. *Travel, Visitation, and Transportation in the Parks* (chair). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Los Angeles, California, April 9 – 13 (Co-organized with Selima Sultana).
2010. *New Geographies of Accessibility*. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Washington, DC, April 14 – 18 (Co-organized with Selima Sultana).
2008. *Exploring new Geographies of Mobility and Accessibility: Theory, Modeling and Policy Implications*. (two sessions, chair of one). Annual Meeting of the Association of American Geographers, Boston, Massachusetts, April 22 – 26 (Co-organized with Ron Biuling).
2007. *Transport and Travel in Changing Urban Environments*. Transportation Geography and Spatial Analysis and Modeling Specialty Groups Session. Annual Meeting of the Association of American Geographers, San Francisco, California, April 17 – 21 (Co-organized with Selima Sultana).
2006. *Urban Transport in the Age of Sprawl* (two sessions, chair of one). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 7-11 (Co-organized with Selima Sultana).
2005. *Transportation and Urban Sprawl* (two sessions, chair of one). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Denver, Colorado, April 5-9 (Co-organized with Selima Sultana).
2005. *Emerging Spatial Technologies, Transportation and Social Exclusion*. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American

- Geographers, Denver, Colorado, April 5-9 (Co-organized with Mark Horner and Irene Casas).
2004. *Emerging Issues in Southeastern Urban and Transportation Research* (chair). Annual Meeting of the Southeast Division of the Association of American Geographers, Biloxi, Mississippi, November 21-23 (Co-organized with Selima Sultana).
2004. *Multiple Dimensions of Urban Travel and Commuting in 21st Century Cities*. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Philadelphia, Pennsylvania, March 14-19 (Co-organized with Selima Sultana).
2004. *ICT, Transportation, Accessibility, Sustainability, Social Equity, and Social Exclusion* (two sessions). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Philadelphia, Pennsylvania, March 14-19 (Co-organized with Mark Horner and Irene Casas).
2003. *Urban Travel and Commuting in Southern Cities*. Annual Meeting of the Southeast Division of the Association of American Geographers, Charlotte, North Carolina, November 22-25 (Co-organized with Selima Sultana).
2003. *Reexamining Individual Accessibility for the 21st Century City* (chair). Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, New Orleans, Louisiana, March 4-8 (Co-organized with Irene Casas).
2003. *Spatial Dimensions of Emerging Technologies for Understanding Dynamic Travel Behaviors*. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, New Orleans, Louisiana, March 4-8 (Co-organized with Irene Casas).

Awards:

2022. SEDAAG Research Honors Award.
2015. Anne U. White Award, Association of American Geographers.
2002. Dissertation Award, Transportation Geography Specialty Group of Association of American Geographers.
2001. Second Place in Best Student Poster Competition, at the University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Buffalo, New York, June 20-24.

Courses Taught:

- GY 466/566 *Geography of Automobility (formerly Transport Geography)*
- GY 438/538 *Application Issues in Geographic Information Systems*
- GY 437/537 *GIS for Transportation*
- GY 436/536 *Advanced Geographic Information Systems*
- GY 430/530 *Introduction to Geographic Information Systems*
- GY 410/510 *Geography of National Parks*
- GY 377 *Cultural Geography*
- GY 366 *The Networked World*
- GY 358 *Urban Geography*
- GY 310 *America's Public Lands*
- GY 204 *Map Reading and Image Interpretation*

GEO 400 *Geography of United States and Canada*
GEO 240 *Economic and Social Geography*
GEO 200 *World Regional Geography*

Chaired Ph.D. Committees:

In Progress Will Elkins. *The Modifiable Areal Unit Problem in Analysis of Elections and Voter Behavior.*

Chaired Master's Committees:

In Progress Bouran Mozayan.
2023. Ben Hand. *Temporal Discrepancies in Commuting Patterns Among Marginalized Communities in the Las Vegas Area.*
2023. Melissa Myer. *Geographic Analysis of the Boundaries of National Park Units.*
2020. Alex Fries. *Geographic Interpretation of the Causes Underlying Urban Growth and Distribution in Alabama, 1820-2010.*
2019. Bonner Lee. *National Interscholastic Cycling Association Mountain Bike Events in Alabama: a Comparative Analysis of Visitor Counts, Travel Behaviors, and Reported Expenditures to Calculate Potential Economic Impact.*
2017. Ting Fang. *Understanding Spatiotemporal Variation of Regional Taxi Flows in New York City.*
2015. Amanda Hoffman. *Gentrification, Displacement and Public Transit Ridership.*
2015. Dylan Paul. *Game Day Emergency: A Flow and Vector Based GIS Stadium Evacuation Model.*
2013. Chad Englebert. *"If we win, we'll roll all night": A study of emergency medical calls in Tuscaloosa, Alabama.*
2013. Matt Harper. *Reconstruction of pre-European settlement bottomland forests in Mississippi using General Land Office surveys.*
2012. Benjamin Lundberg. *Accessibility and University Populations: Local Effects on Non-Motorized Transportation in the Tuscaloosa-Northport Area.* Winner, Best Master's Thesis Award from Transportation Geography Specialty Group, 2013.
2011. Qinyue Pan. *Using Time Geography to Geovisualize Variation in Work-Related Travel Patterns by Gender and Race.*
2011. Liuhui Zhao. *Spatial Equity Analysis in the Atlanta 10-County Region.*
2006. John Travis. *A Spatial Interaction Model of Branch Bank Deposits.*
2006. Brandy Phillips Wilkerson. *A Geographic Analysis of Accessibility Change on Corridor X.*
2003. James Andrew McCall. *Predicting Attendance at Southeastern Amusement Parks With Accessibility and Amenity Based Models.*

Ph.D. Committees Served on:

Ongoing. Bimita Thapa. Geography, University of North Carolina at Greensboro.
Ongoing. Alfath Syaban. Geography.
Ongoing. Ridwaana Allen. Geography, University of North Carolina at Greensboro.
2021. Jessica Mendoza. *Differences in Spatial Memory Between Chronic vs. Normative Smartphone Users and Texting Distractions.* Psychology.

2019. Hyojin Kim. *The Potential Impact of High-Speed Rail on the United States: Evaluation of Changes in Accessibility and Spatial Equity*. Geography, University of North Carolina at Greensboro.
2017. Samwel Zephaniah. *Macro Level Analysis of Safety Data Using Geospatial Techniques and Econometric Methods & Models*. Civil Engineering.
2017. En Fu. *Route Choice in Virtual Environments: The Effect of Environment Size, Destination Visibility, and Regional Boundaries*. Psychology.
2016. Sara Steele. *Predicting GPS Usage: the Relative Importance of Wayfinding Ability, Object-Based Spatial Ability, Working Memory Capacity, Anxiety, and Overall Technology Usage*. Psychology.
2012. Anneliese Bolland. *Representativeness Two Ways: an Assessment of Representativeness*. Human Development and Family Studies.
2010. James Henry McKeen. *Environment, Ability, and Anxiety: Factors Related to Social Wayfinding*. Psychology.
2009. Sandy Keller Ebersole. *Paleoenvironmental Modeling of the Campanian-Maastrichtian Mississippi Embayment*. Geological Sciences.
2009. Saravanan Gurupackiam. *Characterizing of Oversaturated Traffic Conditions and Implications for Analysis*. Civil and Environmental Engineering.
2007. Ann Graves. *Access to Cardiac Interventional Services in Alabama and Mississippi: A Geographical Information System Analysis*. Clinical Health Science, University of Mississippi Medical Center, Jackson, Mississippi.

Master's Committees Served on:

- In Progress. Daniella Alaso. Geography.
- In Progress. Jack Spalding. Geography.
- In Progress. Josiah Gleason. Geography.
- In Progress. Kimberly Brothers. Geography.
2023. Cooper Corey. *Spatial Variability of Tornado Track Locations*. Geography.
2021. Jess Blankenship. *Exploring the Effects of Urban Sprawl on Low-Income Neighborhoods in Birmingham, AL*. Geography.
2021. Musfiqur Rahman Bhuiya. *Accessibility of Movement Challenged Persons to Evacuation Routes and their Earthquake Risk Perception*. Geography.
2021. Dalton Burchardt. *Effect of Interruptions on Route Recall Performance*. Psychology.
2021. Emily Schnarre. *Campus Infrastructure as a Barrier to Transit: A Multimodal Transportation Study in Tuscaloosa, Alabama*. Geography.
2019. Judith Oppong. *A Feasibility Study of a Bike Share Program on the University of Alabama Campus*. Geography.
2019. Afrin Anni. *Identifying Controls on and Potential Solutions for Stormwater Flooding in the UA Campus*. Geography.
2017. Shaikh Rifat. *Factors Influencing Inland Property Damage from Gulf of Mexico Tropical Cyclones*. Geography.
2017. Jo McGinnis. *Integrating Citizen Science and Statistical Methods to Assess Seagrass Die-off in Florida Bay*. Geography.
2017. Will McWhorter. *Exploring the Health and Safety Issues of Artisanal and Small-*

- Scale Gold Mining in Ghana: a Case Study. Geography.
2017. Jessica Mendoza. *Empirical Investigation of the Relations among Mode of Learning, Mobile Phone Problematic Usage, and Wayfinding Performance in an Outdoor Environment*. Psychology.
2016. Caroline Glass. *Pedal Assist: An Analysis of Bikesharing in an Urban Community with Lessons for Replication*. Geography.
2016. John Parker White. *A Spatial Analysis of Management Techniques of Nuisance Black Bears in Great Smoky Mountains National Park, USA (1990-2015)*. Geography
2015. Michelle Saunders. *Assessing the Accuracy of Perception of Geophysical Hurricane Hazards in the Mid Atlantic Region*. Geography.
2015. Jimmy Hilley. *Spatial Analysis of Neighborhood Sustainability in Birmingham, AL*. Geography.
2015. Zach Himmelberger. *Processing Spatial Relations: The Role of Instructions on the Priming of Egocentric and Allocentric Spatial Representations*. Psychology.
2014. Robert Tyler Field. Civil and Environmental Engineering.
2014. Steven Driskell. *Evaluating the Physical Recovery of Tuscaloosa, Alabama Following the April 27, 2011 Tornado Using GIS and Remote Sensing Technologies*. Geography.
2014. Meganne Rockman. *The Role of Hurricane Track and Intensity on Evacuation Decision Making of Pensacola, FL Residents*. Geography.
2014. Morgan Terry Willis. *Assessing the Relationship between High Lightning Events and Storm Mode in Central Alabama*. Geography.
2014. Jonathan Mason. *Proposing a Tornado Watch Scale*. Geography.
2014. Xuehan Jing. *Modeling and Analyzing Land Use and Land Cover Change in Metropolitan Birmingham Area Using LANDSAT TM, OLI Data*. Geography.
2014. Asare-Akuffo Filiberto. *Evaluating the Effectiveness of Urban Planning and Administration in Taming Urban Sprawl in a Ghanaian City: A Case of Kumasi-Ghana*. Geography.
2014. Gene Ford. *Social Engineering through Spatial Engineering: Special Purpose Roads for the Safety, Health, and Well-Being of the Community in New Company Town Planning*. Geography
2013. Hunter Winstanley. *Landsat TM-Based Analysis of Land Area and Vegetation Cover Change on Six Selected Alabama and Mississippi Barrier Islands (1984-2011)*. Geography.
2011. Eric Yankson. *Exploring Location and Accessibility Relationships Between Manufactured Housing and Banking Facilities in Tuscaloosa County, Alabama*. Geography.
2011. Alan Brown. *Bridge Weigh-In-Motion Deployment Opportunities In Alabama*. Civil and Environmental Engineering.
2011. Ian Comstock. *A Classification Scheme for Landfalling Tropical Cyclones Based on Precipitation Variables Derived From GIS and Ground Radar Analysis*. Geography.
2010. Megan Benson. *The Effects of Learning and Instruction on Wayfinding in Persons with Downs Syndrome*. Psychology.

2010. Matt Trousdale. *Urban Growth Monitoring of Birmingham, AL Using LANDSAT MSS and TM Imagery*. Geography.
2010. Menasse Kumlachew. *Transit Evacuation Planning – Two Case Studies*. Civil and Environmental Engineering.
2008. Audrey Miller. *Exploring Problems and Perceptions Associated with Manufactured Housing in Tuscaloosa County, Alabama*. Geography.
2008. Brendan Moore. *Toward the Development of a Planning Recycling Methodology: A Case Study of Tuscaloosa, Alabama*. Geography.
2007. Apurva Andurlekar. *Using Microscopic Traffic Simulation to Evaluate Air Quality Benefits of Incident Management*. Civil and Environmental Engineering.
2007. Jerrod Bowman. *A Reexamination of the Southern Violence Construct*. Geography.
2005. Suhasini Karyamapudi. *Development of a GIS-Based Geotechnical Data Management System for ALDOT*. Civil and Environmental Engineering.
2005. Gautam Mistry. *Display and Analysis of Crash Data*. Civil and Environmental Engineering.
2005. Pam Johnson. *The Occupational History of Mound “W” at Moundville, Alabama*. Anthropology.
2004. William Thomas. *A Mobile Bay Watershed Model*. Civil and Environmental Engineering.
2003. Rafi-Ud-Din Khawaja. *Aerial Measurements of Ozone Migration in Alabama*. Civil and Environmental Engineering.
2002. Jinchul Kim. *GPS and GIS Technologies Employed to Collect and Manage Crash Location Data*. Civil and Environmental Engineering.

Non-Thesis Papers:

2018. Brian Van Nostrand (two papers)
2016. Eric Sipperley. (two papers)
2014. Kevin Howard (two papers)
2013. Andrew Vinson. (two papers)
2013. Jaclyn Brown. (two papers)
2012. Kenyona Pierre. Department of Civil Engineering.
2012. Laura Beth Pockstaller. Department of Civil Engineering.
2010. Charles Long. (two papers)
2010. Jared Darby. (two papers)
2009. Kyle Beasley.
2009. Chase Gatlin. (two papers)
2009. Rebecca Carpenter Vaught.
2009. Drew Yarbrough.
2009. Leslie Nicholson. Department of Civil Engineering.
2009. Will Ehlert. (two papers)
2008. Chris Labosier.
2008. Alan Gray.
2008. Anne Wynn.
2008. Graham Webb.

- 2007. Jason Lange.
- 2007. Lisa Channell. (two papers)
- 2007. Ken Gilbert. (two papers)
- 2006. Kathy Banks. (two papers)
- 2006. Lindsey Eaton Bartlett. (two papers)
- 2006. Linda Watson.
- 2006. Gang Wang. (two papers)
- 2004. Yongtao Luo. (two papers)
- 2004. Brett Tucker. Department of Civil Engineering.
- 2003. John Damon Osbourne. (two papers)
- 2003. Rebecca Zark.
- 2003. Eric St. Clair.
- 2002. Keith Weaver.

Service to Discipline:

- 2021-2023 Chair, Protected Areas Specialty Group of the Association of American Geographers.
- 2019-2023 Book Review editor for *Southeastern Geographer*.
- 2013-2016 Member, Transportation Research Board Committee on Transportation Needs of National Parks and Public Lands.
- 2008-2010 Chair, Transportation Geography Specialty Group of the Association of American Geographers.
- 2006-2008 Vice-Chair, Transportation Geography Specialty Group of the Association of American Geographers.
- 2002-2006 Board member, Transportation Geography Specialty Group of the Association of American Geographers, (two terms).

Service to University:

- 2019-2020 A&S FAR coordinator
- 2017-2019 Faculty Senate
- 2014-2015 A&S Tenure and Promotion Committee
- 2012-2014 Graduate Council
- 2012-2014 Research Grants Committee
- 2012-2013 Member, Technology and Research Working Group.
- 2012-2013 Judge, Undergraduate Research and Creative Activity Conference.
- 2006-2008 Chair, Faculty and Staff Parking Ticket Appeals Subcommittee.
- 2004-2006 Member, Faculty and Staff Parking Ticket Appeals Subcommittee.
- 2002-2008 Member, Parking and Traffic Committee.

Service to Department:

- 2016- Curriculum Committee
- 2016-2017 Transportation search committee co-chair
- 2016-2017 Political Ecology and Food/Water/Energy search committee
- 2013-2016 Awards Committee.
- 2012-2013 Chair, Clinical Lecturer Teaching Faculty (CLTF) Guidelines Committee.

2012 iPad coordinator.
 2010 Assessment Coordinator.
 2009-2011 Chair, Chair Search Committee.
 2007-2008 Chair, PhD Program Planning Committee.
 2007 Committee to Update Tenure and Promotion Guidelines.
 2007 Committee to Update Department Goals.
 2006-2007 Committee to Honor David Weaver.
 2005-2007 Alabama State Representative, Southeast Division of Association of American Geographers.
 2004-2005 Physical Geography Faculty Search Committee.
 2003-2017 Director, GIS Certificate Program.
 2003-2004 Coordinator, Alabama Geography Bowl Team.
 2002-2003 Faculty Adviser to SAGA (Student Association of Geographers @ Alabama).

Manuscripts, Chapters, Proposals, Presentations Reviewed For:

African Geographical Review
Annals of Association of American Geographers
Applied Geography
Cartographica
Cities
Computers, Environment, and Urban Systems
Economic Geography
Environment and Planning A
Environment and Planning B
European Journal of Transport and Infrastructure Research
Geoforum
Geografisk Tidsskrift-Danish Journal of Geography
Geografiska Annaler B
Geographical Analysis
Geographical Bulletin
Geographical Review
Geohumanities
Geoinformatica
Growth and Change
International Journal of Geographical Information Science
International Journal of Sustainable Transportation
International Journal of Urban and Regional Research
Journal of Geographical Systems
Journal of Maps
Journal of Parks and Recreation Administration
Journal of Transport Geography
Journal of Transport Policy
Journal of Transportation Engineering
Journal of Urban Affairs
Landscape and Urban Planning

Leisure Studies
Professional Geographer
Regional Studies
Social and Cultural Geography
Society and Natural Resources
Southeastern Geographer
Sustainable Cities and Society
Transport Policy
Transport Research Interdisciplinary Perspectives
Transportation
Transportation Research A
Travel Behavior and Society
Tourism Planning and Development
Urban Geography
Urban Studies
National Geographic Society research grant proposal
National Science Foundation research grant proposal
Research Council of Canada research grant proposal
Israel Science Foundation research grant proposal
Transportation Research Board Annual Meeting
Applied Geography Conference
2nd T&DI Green Streets Highways and Development Conference