Mathew Hauer
Assistant Professor

Curriculum Vitae
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EDUCATION

2016	Ph.D.	Geography	University of Georgia
2008	M.Sc.	Demography	Florida State University
2007	B.Sc.	Sociology	Florida State University
2007	B.Sc.	Social Sciences	Florida State University

POSITIONS

2018–	**Assistant Professor**, Department of Sociology, Florida State University
2013–2018	**Public Service Associate**, CVIOG, University of Georgia
2009–2013	**Public Service Assistant**, CVIOG, University of Georgia
2009–2009	**Survey Statistician**, US Census Bureau, Atlanta
2008–2008	**Statistician**, US Census Bureau, Washginton DC

OTHER POSITIONS

2018–	**Research Affiliate**, Center for Demography and Population Health, Florida State University
2011–2018	**Director**, Applied Demography Program, University of Georgia

HONORS AND AWARDS

2018	E. Walter Terrie Award, Southern Demographic Association
2017	Excellence in Research Award, University of Georgia Graduate School
2016	Excalibur Award, Technology Association of Georgia
2016	Top Honors, Georgia Technology Authority
2016	Policy Communications Fellow, Population Reference Bureau
2015	Top 30 Under 30 Young Alumni, Florida State University
2015	Best Poster Award, South East Climate Consortium
2014	E. Walter Terrie Award, Southern Demographic Association

RESEARCH

➤ Since 2013 I have authored 13 papers on demographic and sociological topics totaling 225 citations for an h-index of 5.
➤ Pre-prints, working papers, and replication repositories can be found on Open Science Framework at https://osf.io/wdh3w/.
➤ My research focuses on climate change and demographic processes to better understand the current and projected impacts of climate change on human society.

Publications

Refereed journal papers

1. Hauer, ME (Feb. 2019). Population projections for U.S. counties by age, sex, and race controlled to shared socioeconomic pathway. *Scientific Data* **6**, 190005.

2. Hauer, ME (Jan. 2019). Sociology, Demography, and Economics Presidential Ages and Sex over Time. *Socius: Sociological Research for a Dynamic World* **5**, 237802311882522.

3. Hauer, ME, RD Hardy, DR Mishra, and JS Pippin (Mar. 2019). No landward movement: examining 80 years of population migration and shoreline change in Louisiana. *Population and Environment*.

4. Hardy, RD and ME Hauer (Feb. 2018). Social vulnerability projections improve sea-level rise risk assessments. *Applied Geography* **91**, 10–20.

5. Schmertmann, CP and ME Hauer (Nov. 2018). Bayesian estimation of total fertility from a population's age–sex structure. *Statistical Modelling*, 1471082X1880145.

6. Hauer, ME (Apr. 2017). Migration induced by sea-level rise could reshape the US population landscape. *Nature Climate Change* **7**(5), 321–325.

7. Shannon, J, ME Hauer, A Weaver, and S Shannon (July 2017). The Suburbanization of Food Insecurity: An Analysis of Projected Trends in the Atlanta Metropolitan Area. *The Professional Geographer* **70**(1), 84–93.

8. Shannon, SK and M Hauer (Apr. 2017). A Life Table Approach to Estimating Disproportionate Minority Contact in the Juvenile Justice System. *Justice Quarterly* **35**(2), 330–355.

9. Hauer, ME, JM Evans, and DR Mishra (Mar. 2016). Millions projected to be at risk from sea-level rise in the continental United States. *Nature Climate Change* **6**(7), 691–695.

10. Hauer, ME, JM Evans, and CR Alexander (Feb. 2015). Sea-level rise and sub-county population projections in coastal Georgia. *Population and Environment* **37**(1), 44–62.

11. Hauer, M (June 2013). A 3D Spatio-Temporal Geovisualization of Subcounty Estimates of Historic Housing Density in Metro Atlanta, 1940–2009. *Spatial Demography* **1**(2), 146–161.

12. Hauer, M, J Baker, and W Brown (June 2013). Indirect Estimates of Total Fertility Rate Using Child Woman/Ratio: A Comparison with the Bogue-Palmore Method. *PLoS ONE* **8**(6). Ed. by LMSM Pereira, e67226.

Commissioned Reports

1. Hauer, M., and Hensley, E. (2016). A New Face of Georgia: An analysis of the state's population projections through 2050. *Governor's Office of Planning and Budget*.

2. Hauer, M., Byars, J., Wilson, G., (2015). & Pizarek, M. Transfer Student Report: Demonstrating innovative ways to analyze student transfer data to answer policy questions. *Board of Regents of the University System of Georgia.*

3. Hauer, M., Lynde, H., Byars, J., Wilson, G., Coyne, J., & Tanner D. (2015). First Time Freshman Report: USG market share and the Georgia high school to USG pipeline. *Board of Regents of the University System of Georgia.*

4. Hauer, M., Lynde, H., Byars, J., Wilson, G., Coyne, J., & Tanner, D. (2015). Student progression report: Enrollment patterns that lead to graduation. *Board of Regents of the University System of Georgia.*

5. Hauer, M., Lynde, H., Byars, J. Wilson, G., Coyne, J., & Tanner, D. (2015). University System of Georgia Student Group Profiles. *Board of Regents of the University System of Georgia.*

6. Shannon, J. and Hauer, M. (2015). Projections of food insecurity in the metro Atlanta area. *Atlanta Community Food Bank.*

7. Evans, J., Hauer, M., Hardy, D., & Pippin, S. (2014). Assessing social vulnerability using SoVI-Lite: A demonstration study at Glynn County, GA. *Carl Vinson Institute of Government.*

8. Evans, J., Pippin, S., Hardy, D., & Hauer, M. (2014). Social vulnerability and local hazard mitigation planning: Application and evaluation of SoVI-Lite approach for Glynn County, Georgia. *Carl Vinson Institute of Government.*

9. Hauer, M., A tale of two Georgias: Rural and urban demographic changes in Georgia. *Georgia Healthcare Foundation.*

10. Hauer, M. and Vaida, G. (2012). Disproportionate minority contact assessment. *Governor's Office of Children and Families.*

11. Tinsley, K. and Hauer, M. (2011). Altama Community Transformation (ACT) district housing assessment. *Glynn County, GA.*

12. Clarke, W., Brown, W., & Hauer, M. (2010). The motor use fuel tax in Georgia: Collection efficiency, trends, and projections. *MARTA.*

13. Clarke, W., Brown, W., Hauer, M., & Meyer, M. (2010). Metropolitan Atlanta Rapid Transit Authority revenue and expense forecast evaluation 2011-2016. *MARTA.*

14. Hauer, M. (2010). Utilizing Census data for non-profits: A training manual for Girls, Inc. *Girls, Inc.*

15. Simmons, M. and Hauer, M. (2008). An analysis and critique of Tallahassee and Leon County transportation funding by residential project size. *CNL Real Estate and Development Inc.*

16. Simmons, M. and Hauer, M. (2007). Health and the built environment. *Florida Legislature.*

GRANTS

I have acquired (in most cases jointly) about $1.9 million in external research grants since 2009. External research grants over $10,000 are listed below.

Year	Role & Title	Source	Amount
2019–2019	PI. "Projecting the Sociodemographic Characteristics of thoseImpacted by Sea Level Rise in the United States."	*FSU FYAP*	$20,000
2019–2019	PI. "Demographic Modelling of Puerto Rico."	*Harvard/RAND*	$20,000
2018	PI. "Population Projections."	*Georgia Governor's Office of Planning and Budget*	$120,519
2016–2020	Co-I. "Sustainability in Chesapeake Bay shorescapes: climate change, management decisions, and ecological functions."	*NSF Coastal SEES (Total $1,640,152)*	$175,295
2016–2018	PI. "Data Research, Analysis, and Modeling Project."	*Georgia Board of Regents*	$394,304
2016–2018	PI. "Georgia Gwinnett College Data Analysis Project."	*Georgia Gwinnett College*	$242,349
2016	PI. "Population Projections for Coweta County and cities of Newnan and Seqoia."	*Coweta Water and Sewer Authority*	$14,550
2015–2016	PI. "Population Projections for the State of Georgia, 2015-2050."	*Georgia Governor's Office of Planning and Budget*	$100,001
2015	PI. "Community Needs Assessment."	*Tallatoona Community Action Partnership*	$12,400
2014–2016	PI. "University System of Georgia Data Analysis Demonstration Project."	*Georgia Board of Regents*	$296,000
2014	PI. "Enrollment Projections for the University System of Georgia 2014-2024."	*Georgia Board of Regents*	$30,000
2013	PI. "Enrollment Projections for the University System of Georgia 2013-2023."	*Georgia Board of Regents*	$25,000
2012	Co-PI. "Assessment and Application of the Social Vulnerability Index for Coastal Hazards Planning in Glynn County, GA."	*Georgia DNR*	$67,320
2012	PI. "Enrollment Projections for the University System of Georgia 2012-2022."	*Georgia Board of Regents*	$25,000
2012	Co-PI. "Understanding social attitudes and prioritizing geo-spatial risks for climate adaptation outreach in coastal Georgia."	*Georgia SEAGrant*	$126,858
2011–2012	PI. "Disproportionate Minority Contact in the Juvenile Justice System of Georgia."	*Georgia Governor's Office of Children and Families*	$62,000
2011–2012	PI. "Population Projections for the State of Georgia, 2010-2030."	*Georgia Governor's Office of Planning and Budget*	$50,000
2009	PI. "Projecting Hispanic Economic Outcomes in Georgia, 2000-2030."	*Poverty and Economy Grants, UGA*	$29,000
2009	PI. "The Production and Evaluation of Estimates of the Total Population Using the Housing Unit Based Method."	*US Census Bureau*	$29,000

TEACHING

2019	Population and Society	SYD 3020	Florida State University
2018	Population Data	SYD 5133	Florida State University
2015	Family Demography and Public Policy	HACE 4400/6400	University of Georgia

INVITED PRESENTATIONS

Drexel University (Sept 2019), Penn State University (May 2019), Environmental Grantmakers Alliance (Oct 2018), University of Miami (Feb 2018), Brown University (Dec 2017), Florida State University (Dec 2017), University of Texas at San Antonio (Dec 2017), Florida State University (Oct 2017), NOAA (Jul 2017), Texas A&M University (Nov 2016), University of Georgia (Mar 2016), Board of Regents of the University System

of Georgia (Jan 2016), University of Georgia (Feb 2016), College of William & Mary (Apr 2015), Florida State University (Sep 2013), Testimony at the Georgia Legislature (Jun 2012), Federal Reserve Bank of Atlanta (Feb 2012)