

Bryce Williams-Tuggle, Ph.D.

Summer 2024

Contact:

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SUMMARY

Experienced social scientist with thorough training in statistics/quantitative analysis seeking to utilize research skill set to identify policy gaps and find solutions to them. Extensive background designing, processing, and interrogating a wide range of data types on a multitude of substantive topics related to social welfare.

SKILLS

- Quantitative/Qualitative research design, implementation, and analysis
- Survey/Public opinion research
- Rigorous training in advanced statistical analyses (maximum likelihood, regression discontinuity, matching, experiments, spatial analysis, etc.)
- Proficiency with data analysis in Stata, R, SPSS, ArcGIS, Excel, and Tableau
- Blending multiple data sources to answer complex questions
- Excellent written and oral communication
- Analytical problem solving

EDUCATION

Vanderbilt University

Ph.D. in Political Science, 2021

Concentrations: Comparative Politics, Research Methodology, Political Psychology, Institutions

- **Dissertation:** *Disenfranchised Discontent: Exploring the Scope and Public Opinion of Criminal Voting Restrictions*

The University of Georgia

M.A. in Political Science and International Affairs, 2014 (*Summa Cum Laude* Honors)

Towson University

B.S. in History, 2007 (*Cum Laude* Honors)

EXPERIENCE

City of Bellevue Community Development Department; Bellevue, WA

Demographer; November 2022-Present

- Utilizing a wide range of data to provide analytical support to City projects that address equity, economic development, and community differences across Bellevue
- Maintaining the City's **Community Data** webpage that provides data-driven insights on the Bellevue Community
- Using a combination of software such as R & ArcGIS to provide spatial analysis of data across the City and neighboring communities
- Promoting data literacy across City departments and the Bellevue community by providing useful, current data & training in statistical analysis

Pierce County Finance Department; Tacoma, WA

Senior Research & Data Scientist; January 2022-October 2022

- Scoping and carrying out evaluative research on departmental activities and functions that fall under the County Executive's authority
- Identifying, accessing, cleaning, and analyzing large sets of complex administrative data for the purposes of communicating clear and actionable results to non-technical audiences and process improvement
- Managing several different research projects of varying depth and timelines at the behest of County leadership to satisfy stakeholder deadlines
- Working as part of a new and quickly growing research team with a diverse set of skills to define, organize, and accomplish County research priorities

The Sycamore Institute; Nashville, TN

Policy Analyst; January 2020-December 2021

- Carrying out original research on a wide range of issues that pertain to the health and wellness of Tennesseans, connecting how those issues are affected by policy, and distilling that information into reports and policy briefs that are approachable for a diverse audience of stakeholders
- Locating, cleaning, and analyzing a wide variety of data sources utilizing a combination of statistical software to understand complex social issues
- Responding to technical assistance requests from individuals and organizations in the public policy space such as state and local government officials, nonprofits, and other researchers by providing clear, concise data and guidance

Vanderbilt University; Nashville, TN

Teaching/Research Assistant; Fall 2014-Fall 2019

- Teaching assistant for graduate level statistics courses. Responsible for writing/grading homeworks & exams, teaching statistical software competency (Stata/R), holding study sessions to reinforce/-supplement course material
- Research assistant on nationwide study analyzing the public opinion of former Teach for America members. Responsible for survey design and implementation, as well as data cleaning and analysis
- Research assistant tasked to clean and standardize large public opinion datasets in multiple languages from as far back as the 1970s for public consumption

Inter-University Consortium for Political and Social Research; Ann Arbor, MI

Teaching Assistant; Summer 2015-Summer 2019

- Teaching assistant for 4-week long graduate level statistics course during the ICPSR summer program from 2015-2019
- Course material covered everything from simple bivariate associations to more complex regression techniques such as maximum likelihood estimation and interactive models
- Responsibilities included creating and leading course seminars on statistical software competency (Stata/R), one on one mentoring with students, and grading course evaluations

PUBLICATIONS

- **Peer Reviewed:**
 - Canache, Damarys, Jeffery J. Mondak, Mitchell A. Seligson, & **Bryce Tuggle**. 2021. “**How Bad Is Bad? Dispositional Negativity in Political Judgment.**” *Political Behavior*. *forthcoming*
- **White Papers:**
 - Pellegrin, M. & **Tuggle, B.** **How Tennessee Judges Look at Defendants’ Ability to Pay Fees and Fines.** December 2021. *The Sycamore Institute*.
 - **Tuggle, B.** **Four Ways to Improve Tennessee’s Criminal Fee and Fine Data Infrastructure.** December 2021. *The Sycamore Institute*.
 - **Tuggle, B.** **Covid Recession: Tracking Tennessee’s Economic Recovery To Date.** July 2021. *The Sycamore Institute*.
 - **Tuggle, B.** **Criminal Justice Fees & Fines: 11 Policy Options for Tennessee Policymakers.** July 2021. *The Sycamore Institute*.
 - Pellegrin, M. & **Tuggle, B.** **How Criminal Fees and Fines Fund State and County Government in Tennessee.** June 2021. *The Sycamore Institute*.
 - **Tuggle, B.** **2019 Income, Poverty, Education, and Insurance Coverage in Tennessee’s 95 Counties.** January 2021. *The Sycamore Institute*.
 - **Tuggle, B.** **Fees, Fines, and Criminal Justice in Tennessee.** December 2020. *The Sycamore Institute*.
 - Pellegrin, M. & **Tuggle, B.** **2019 Census Data on Income & Poverty in Tennessee.** October 2020. *The Sycamore Institute*.
 - Pellegrin, M. & **Tuggle, B.** **2019 Census Data on Tennesseans Education Levels.** October 2020. *The Sycamore Institute*.
 - Pellegrin, M. & **Tuggle, B.** **2019 Census Data on Health Insurance Coverage in Tennessee.** October 2020. *The Sycamore Institute*.
 - **Tuggle, B.** **5 Simple But Important Things to Know About Statistics.** August 2020. *The Sycamore Institute*.

- **Tuggle, B.** Coronavirus Recession: Tennessee’s Most Vulnerable People, Places, and Employers. August 2020. *The Sycamore Institute*.
- **Tuggle, B.** Crowded Jails and Prisons Raise COVID-19 Risks for Every Tennessean. April 2020. *The Sycamore Institute*.
- **Tuggle, B.** 4 Reasons an Accurate Census Matters for Tennessee. February 2020. *The Sycamore Institute*.