Izzy Youngs

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Summary   Highly organized Research Specialist and passionate urbanist with 3+ years of experience in a dynamic and fast-paced academic lab setting. Proven track record for adopting new skills quickly and developing timely, relevant, and valuable tools and policy recommendations to technical and non-technical audiences.

Education

Georgetown University   **Washington, DC**
*Master of Professional Studies in Urban and Regional Planning (**Summa cum Laude**)*   *Aug '21*
- **Awards and Distinctions:** Chair, 2021 Graduate Planning Society; 2020 Georgetown Global Cities Initiative Graduate Fellow; 2021 Community Builder Award; 2020 Geospatial Prize
- **Thesis:** Smart City Planning: Using Machine Learning to Develop Local Household Eviction Prevention Strategies

University of Nevada, Reno   **Reno, NV**
*Bachelor of Political Science and Bachelor of Communication Studies (**cum Laude**)*   *Dec '16*

Experience

Georgetown University, Massive Data Institute   **Washington, DC**
Research Specialist   *Aug '21 – Present*
- Executes project tasks and deliverables related to ethical data governance, including analyzing policies, developing data processing pipelines, creating interactive and data-driven visualizations and maps, and conducting research on the use of statistical and administrative data.
- Translates and presents technical research findings into high-level policy recommendations, conference presentations, webinars and seminars, blog posts, reports, infographics, and web-based tools for funders, local data users, and the public.
- Consults demographers and nonprofit organizations on strategies related to data governance, administrative data, intercensal population estimates, and best practices in using census data for program evaluation and long-term planning.

Project Manager   *Oct '19 – Aug '21*
- Served as a highly effective project manager across several programs in a $3 million+ portfolio, overseeing the entire project cycle from writing funding proposals, creating financial budgets, outlining work plans, submitting Institutional Review Board applications, and overseeing data purchases and data use agreements to documenting procedures and authoring final grant reports.
- Hired, onboarded, and supervised over one dozen research assistants, providing compassionate and collaborative leadership and connecting assistants to opportunities for professional and academic growth.
- Coordinated the event planning and marketing for virtual webinars, events, executive education, trainings, and capacity-building programs with industry experts through various professional associations and organizations.

Georgetown Business Improvement District   **Washington, DC**
Data Science Intern   *May '20 – July '20*
- Analyzed location, demographic, and business data to assess retail and office market performance as well as visitor and local resident transportation behavior across the modal split to contribute to economic development and COVID-19 recovery approaches, such as expanded sidewalks for street dining and increased investment in outdoor spaces.

Urban Institute, Office of Technology and Data Science   **Washington, DC**
Academic Intern   *Jan '20 – May '20*
- Assessed and summarized one dozen Smart City and equity initiatives around the country into case study memos for a report comparing how public procurement, data governance, and administration practices affect equity promises.

The Lockard Group   **Carson City, NV**
Legislative Assistant   *Feb '19 – June '19*
- Mapped and carried out a legislative agenda by lobbying state lawmakers, analyzing proposed legislation, suggesting amendments, providing testimony, tracking bills, and writing reports, resulting in the advancement of policy priorities, including hospital worker protections, eviction record sealing, affordable housing development streamlining, a low-income housing database, tenant protection laws, and legislation increasing state contributions to the Low-Income Housing Tax Credit fund.

Publications

Space and Place: How Political Geographies Vary Across the US. Christopher Dick, Ronald Prevost, and Izzy Youngs. Massive Data Institute, McCourt School of Public Policy, Georgetown University. May 2022.

Balancing Utility Versus Privacy in the 2020 Census: Sentiments from Data Users. Joseph Scariano and Izzy Youngs. April 21, 2022. Available at SSRN.

Compiling a Census Assessment Tool. Michigan Institute for Data Science (MIDAS) Data For Public Good symposium. Oral presentation. March 2022.

A Crash Course on the Census Bureau's TopDown Algorithm. Izzy Youngs. Massive Data Institute, McCourt School of Public Policy, Georgetown University. March 2022.

Who is Missing from Administrative Data? Amy O'Hara, Lahy Amman, and Izzy Youngs. Massive Data Institute, McCourt School of Public Policy, Georgetown University. August 2020.

Using Administrative Data for Economic Stimulus. Amy O'Hara and Izzy Youngs. Massive Data Institute, McCourt School of Public Policy, Georgetown University. July 2020.

Tech Stack   ArcGIS suite, Tableau Desktop, R (tidyverse, sf, ggplot2), RMarkdown, QGIS, HTML/CSS, WordPress, LaTeX/Overleaf, Zotero, Leaflet/Mapbox, Github, Canva, Google Cloud Platform, Unix Command Line, SPSS, Colab, Jupyter Notebooks, Microsoft suite, Google suite, and more.