

# LINDSAY JORGENSEN



## EDUCATION

2008 – 2011  
University of Kansas  
BA, Psychology + Art  
GPA: 3.78

2012 – 2015  
Washington University  
in Saint Louis  
Master of Public Health  
GPA: 3.99

2012 – 2015  
Washington University  
in Saint Louis  
Master of Social Work  
GPA: 3.99

## AWARDS

Delta Omega Honorary  
Society in Public Health  
Gamma Sigma Chapter,  
2016

Full-Tuition Scholarship  
Washington Univ., 2012-15

Preventing Chronic Dis-  
ease Student Research  
Paper Contest (2nd Place)  
CDC, 2014

Outstanding National-  
Focused Project,  
Washington Univ, 2014

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(social) [LinkedIn](#)  
(Portfolio) [www.lindsayjorgenson.com](http://www.lindsayjorgenson.com)  
(GitHub) <https://github.com/lindsayjorgenson>

## RELEVANT EXPERIENCE

### Director of Business Intelligence, Assoc. of State and Territorial Health Officials 2023 – current

Engineer data visualizations and develop BI data applications in R Shiny ([see here](#)); develop and lead the business intelligence strategy; lead discovery processes; and apply UX principals and practices (e.g., user testing, WCAG 2 accessibility).

### Research Project Director, University of Kansas 2018 – 2023

Provided static and interactive data visualization and dashboard development services to researchers and affiliates; developed and designed high-profile reports (e.g., [Governor's Tax Reform](#)); directed all aspects of research as a principal investigator (\$1.25 million portfolio).

### Project Manager, North Carolina State University 2017 – 2018

Managed a \$1.5 million CDC grant to promote health equity; supervised four staff and managed a team of 11 faculty; directed programming; managed the budget; monitored goals; developed reports and visualizations for funders and partners.

### Director of Community Health Initiatives, DeSales Community Development 2014 – 2017

Directed a multi-sector coalition of local executives and elected officials; oversaw public health and health care programming, developed data visualizations, infographics, and reports for elected officials and academic audiences.

### Graduate Research Scholar, Washington University in Saint Louis 2012 – 2015

Researcher on an NCI study promoting data-driven decision making in health agencies; developed project data visualizations; created infographics to disseminate findings; developed instruments and conducted statistical analyses.

### Women's Health Coordinator, AmeriCorps 2010 – 2011

Implemented a federal grant program for breast and cervical cancer prevention at a Federally-Qualified Health Center; developed and tracked indicators for cancer screening; established clinical algorithms; coordinated patient care and billing.

## SKILLS & EXPERTISE

Please visit my website for examples of my work and more information on each skill.

### Key



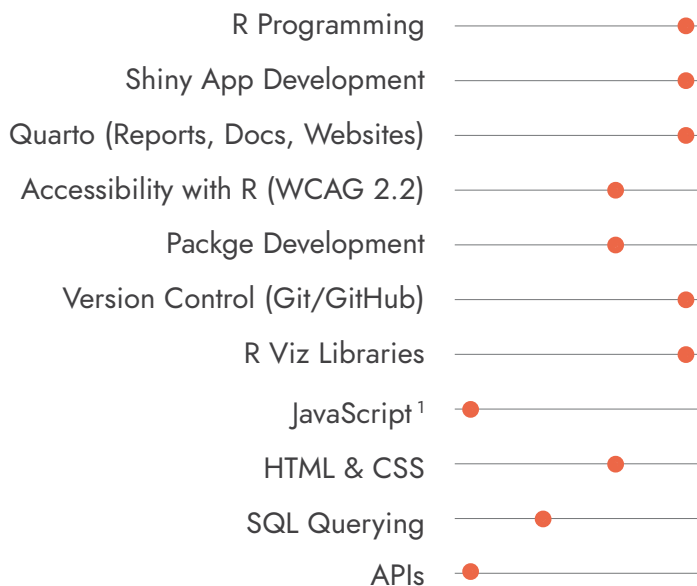
### Notes

1. My existing JavaScript work involves integrations with R for Shiny and Quarto. I use the highcharts library both in JavaScript and R.

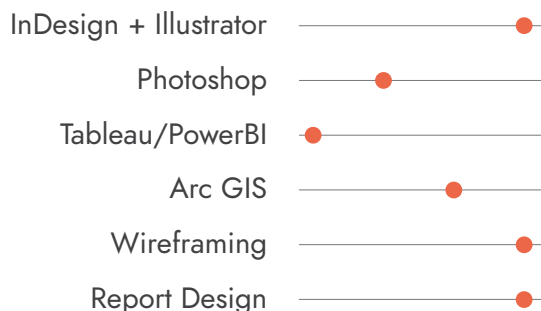
2. Instrument development includes qualitative tools (e.g., key informant interview guides) as well as survey design, following the Tailored Design Method.

3. I have developed custom tools for data collection in addition to using RedCap and Qualtrics.

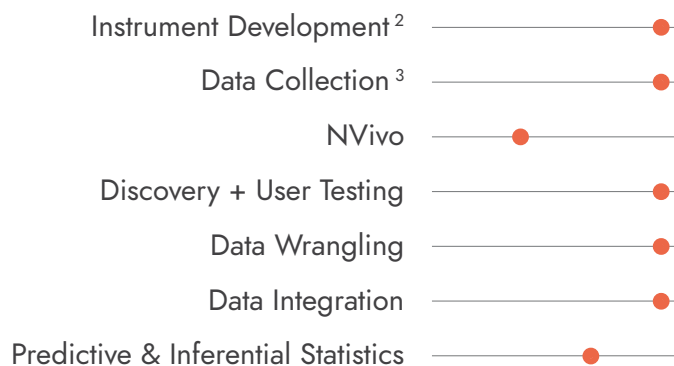
## Programming & Development



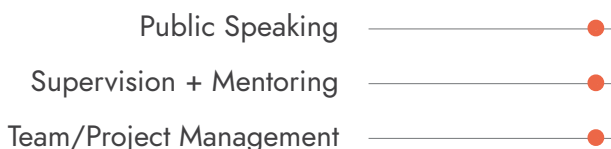
## Data Visualization & User Experience



## Research & Data Science



## Leadership & People



## PROJECTS

### Current

- 2023 – 27: **Dashboard Development; Data Visualization:** Public Health Infrastructure Grant (\$750K for data visualization and dashboard/data hub development)
- 2024: **Dashboard Development; Data Visualization:** NACCHO Profile Study (\$160K for Shiny App)

### Completed Projects

- 2022 – 27: **Data Scientist (PI of KU Contract):** TEAMSPORT: Validating and Adapting a Precision Oncology Reflex Testing Team Intervention to Reduce Rural Disparities in Cancer Care Delivery (PI: Dr. Shellie Ellis; KU Contract: \$300K), National Institutes for Health; University of Kansas Medical Center
- 2022 – 23: **Principal Investigator:** Indigenous Knowledge and Curriculum at Lawrence Public Schools (\$8K), Kansas Health Foundation; University of Kansas
- 2021 – 23: **Principal Investigator; Data Scientist; Data Visualization; Dashboard Developer:** Evaluation of the Kansas Statewide Farmworker Health Program Evaluation (\$92K) Funded by the Kansas Department of Health and Environment, REACH Foundation, and Kansas Health Foundation; University of Kansas
- 2021 – 24: **Data Analyst; Data Visualization:** Evaluation of the Science Diversity Leadership Award (PI: Dr. Donna Ginther; \$350K), Chan Zuckerberg Initiative; University of Kansas
- 2022 – 27: **Evaluator (PI of KU Contract):** CoPe Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub (PI: Dr. Dan Wildcat; KU Eval: \$500K), National Science Foundation; Haskell Indian Nations University
- 2021 – 26: **Data Analyst (PI of KU Contract):** Teachers and Students for Community Oriented Research and Education to Link Industry, Faculty, and Teachers (PI: Dr. Megha Ramaswamy; KU Eval: \$125K), National Institutes of Health, Science Education Partnership Award; University of Kansas Medical Center
- 2017 – 23: **Data Analyst:** Supporting Technology, Educators, and Parents for Upward Progress (PI: Dr. Meghan Eckert-Lyster; KU Eval: \$232K), United States Department of Education, Office of English Language Acquisition, National Professional Development Grant Program, University of Kansas
- 2021 – 22: **Principal Investigator; Data Scientist:** Benefit-Cost Analysis of the Team for Infants Exposed to Substance Use (TIES) Program (\$33K) Children's Mercy Hospital, University of Kansas
- 2019 – 22: **Evaluator:** Technology Education for Women in Transition (PI: Dr. Hyunjin Seo, KU Eval: \$60K) National Science Foundation, Advancing Informal STEM Learning; University of Kansas
- 2018 – 20: **Data Analyst; Data Visualization:** KC HealthTracks (PI: Dr. Carli Zegers; KU Eval: \$195K ) United States Department of Health and Human Services, Office of Minority Health, Community Programs to Improve Minority Health Grant Program; University of Kansas
- 2018 – 20: **Data Analyst; Facilitator:** Educating Specialty Crop Growers and Agricultural Professionals to Improve Risk Management (\$91K) Risk Management Agency, United States Department of Agriculture; Contractor for the Kansas Rural Center

- 2019 – 20: **Information Designer; Data Visualization:** Report on Entrepreneurship in Kansas Enterprise Center, Enterprise Center of Johnson County (PI: Dr. Donna Ginther; \$35K); University of Kansas
- 2019: **Data Analyst; Data Visualization:** ADIDAS Leadership Scholars (PI: Karin Chang, \$10K); Funded by the Vice Provost for Undergraduate Studies at KU; University of Kansas
- 2016 – 18: **Project Manager:** Programs to Reduce Obesity in High Obesity Areas (PI: Dr. Annie Hardison-Moody, \$1.5 M), Centers for Disease Control and Prevention Dept. of Agricultural and Human Sciences, NC State University
- 2012 – 18: **Graduate Research Assistant; Data Analyst; Data Visualization:** Strategies In Disseminating Evidence for Chronic Disease Prevention (PI: Dr. Ross Brownson); \$5M, National Cancer Institute of the National Institutes of Health; Prevention Research Center, Washington University in St. Louis
- 2015 – 17: **Principal Investigator:** Jefferson Collaborative: Housing, Education, and Early Childhood, Special Projects Grant Missouri Foundation for Health; DeSales Community Development (\$218K)
- 2015 – 17: **Principal Investigator:** Rise Collaborative Grant Rise Community Development; DeSales Community Development (\$49k)

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## PUBLICATIONS

### Book Chapters

Chapter Author on Collaborations with School Districts: Umstattd Meyer R, Edwards M, Moore J, **Elliott Jorgenson L**. Physical Activity in Rural Populations. Physical Activity and Public Health Practice: A Guide for Effective Interventions. 1st ed. New York, NY: Springer Publishing Company, LLC; 2019.

### Manuscripts

Johnson-Motoyama M, Ginther DK, Oslund P, **Jorgenson L**, et. al. Association Between State Supplemental Nutrition Assistance Program Policies, Child Protective Services Involvement, and Foster Care in the US, 2004-2016. JAMA Netw Open. 2022;5(7):e2221509. doi:10.1001/jamanetworkopen.2022.21509

Ginther DK, Zambrana C. Association of Mask Mandates and COVID-19 Case Rates, Hospitalizations, and Deaths in Kansas. JAMA Netw Open. 2021;4(6):e2114514. doi:10.1001/jamanetworkopen.2021.14514 (**Elliott Jorgenson L** acknowledged for data visualization)

Ginther DK, Cayton Myers N, Becker T, Elliott **Jorgenson L**. Growing New Ventures and Jobs in Kansas: An in-depth Review of Entrepreneurship Activities and Policies in Kansas and How We Compare. Institute for Policy & Social Research, The University of Kansas 2020.

Zwald M, **Elliott L**, Brownson RC, Skala M. Evidence-Based Diabetes Prevention and Control Programs and Policies in Local Health Departments. Diabetes Edu 2015;41:6.

**Elliott L**, McBride TD, Allen P, Jacob RR, Jones E, Kerner J, et al. Health Care System Collaboration to Address Chronic Diseases: A Nationwide Snapshot From State Public Health Practitioners. *Prev Chronic Dis* 2014;11:140075.

Harris JK, Allen P, Jacob RR, **Elliott L**, Brownson RC. Information—Seeking Among Chronic Disease Prevention Staff in State Health Departments: Use of Academic Journals. *Prev Chronic Dis* 2014;11:140201.

Allen P, Sequeira S, Jacob RR, Hino AA, Stamatakis KA, Harris JK, **Elliott L**, et al. Promoting State Health Department Evidence-Based Cancer and Chronic Disease Prevention: A Multi-phase Dissemination Study with a Cluster Randomized Trial Component. *Imp Sci* 2013;8:141.

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## PRESENTATIONS AND CONFERENCE POSTERS

20-minute Presentation: **Jorgenson L**, Coene J. Tailoring Shiny for Modern Users. [Shiny Conf 2024](#). April 2024.

Poster: Brazil A, Ecker-Lyster M, Elliott **Jorgenson L**. Engaging families via English instruction: adapting a Saturday language instruction model for EL families. Office of English Language Acquisition Director's Meeting. Washington, DC. Nov 2019.

Poster: Bocarro JN, **Elliott L**, Hardison Moody A, Haynes Maslow L, Gladstone E. Shared used agreements between commercial real estate and communities: Leveraging private lands for public use. Active Living Research. 2018.

Poster: Ghahramani L, Mazak E, **Elliott L**, Hipp J. Challenges and opportunities using time lapse and webcams to evaluate rural active spaces. Active Living Research. 2018.

Poster: **Elliott L**, Ingrassia CE. Partnerships, parks and people: a multi-sector effort to form an urban sports league. Active Living Research. 2017.

Poster: **Elliott L**. Healthcare system collaboration to address chronic diseases: a nationwide snap shot of collaborations reported by state public health practitioners. Research Without Walls. 2015.

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## LEADERSHIP AND SERVICE

Indigenous Curriculum Committee Member | Lawrence Public Schools | 2022 - Current

Staff Senate Member | University of Kansas | 2020 - 2023

Co-Chair Local Foods Development + Council Member | Johnson County Food Policy Council | 2018

Steering Committee + Coalition Member | St. Louis Food Policy Coalition | 2015-17

Coalition Member | St. Louis City HEAL Partnership, Healthy Food Access Workgroup | 2014-17

Student-Elected MPH Public Health Committee Liaison | Washington University in St. Louis | 2012-14

Steering Committee Member | Vintage Church | 2010

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## RELEVANT COURSEWORK

Data Science (Using R) | University of Kansas  
Programming and Applied Statistics in R | KUMC  
Programming in R | Jumping Rivers  
R Best Practices | Jumping Rivers  
Machine Learning with TidyModels | Jumping Rivers  
Reporting with Quarto | Jumping Rivers  
An Introduction to SQL with R | Jumping Rivers  
Package Development | R for the Rest of Us  
Version Control Using Git & GitHub | R for the Rest of Us  
Reproducibility for the Rest of Us | R for the Rest of Us

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## REFERENCES

**Miriam Naiman-Sessions, PhD**, Assoc. for State and Territorial Health Officials  
Director of Research  
[mnaiman@astho.org](mailto:mnaiman@astho.org)

**Aaron Hipp, PhD**, North Carolina State University  
Professor of Community Health and Sustainability  
919-515-3433  
[jahipp@ncsu.edu](mailto:jahipp@ncsu.edu)

**Pat Oslund, MA**, University of Kansas  
Senior Research Associate and Econometrician (Now Retired)  
[poslund@ku.edu](mailto:poslund@ku.edu)