

Lisa Levoir

Minneapolis / St. Paul, MN

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Leveraging critical thinking and empathy, Lisa brings a unique blend of strategic thinking, biomedical domain knowledge, and communication skills to her work. She is a consistent high performer who enjoys working collaboratively and delivering high quality results. Lisa prides herself on her integrity and approaches interactions in an adaptable and solution-focused manner.

EDUCATION

MS Biostatistics *Vanderbilt University, Nashville, TN* May 2025

Thesis on Evaluating Machine Learning Approaches for Assessing Heterogeneity of Treatment Effect in Clinical Trials Available from <https://lisalevoir.github.io/projects>

BA Biology *Macalester College, St. Paul, MN* 2017

Minor: Geography; Concentration: Community & Global Health

Studied Community Public Health at Khon Kaen University in Thailand 2016

RESEARCH AND WORK EXPERIENCE

Graduate Research Assistant

Vanderbilt University Medical Center, Department of Biostatistics, Nashville, TN 2024 – May 2025

Work conducted remotely from Minneapolis, MN

- Deployed creative technical solutions to generate interactive analytical reports for stakeholders in the TN Department for Children’s Services (DCS) & Vanderbilt Center of Excellence for Children in State Custody.
- Communicated technical statistical ideas to a variety of stakeholders. My work was presented to the DCS Commissioner, Governor of TN, and in federal reporting.
- Demonstrated understanding of (and responsiveness to) client needs.

CLOVERS Project Analyst

Vanderbilt University Medical Center, Department of Biostatistics, Nashville, TN 2023 – 2024

- Analyzed and interpreted patient-level data. The CLOVERS clinical trial enrolled patients with sepsis to compare fluid resuscitation strategies and pertained to biomarkers of endothelial glycocalyx degradation. My work resulted in a publication (May 2025).
- Collaborated with investigators at Massachusetts General Hospital, Beth Israel Deaconess Medical Center, and Harvard Medical School.

Contract Clinical Research Coordinator

Evolve Restorative Center, Santa Rosa, CA 2022

- Ensured data integrity for a neuromodulation device clinical study by coordinating with physicians, study sponsors, and patients onsite.
- Demonstrated initiative by resolving hundreds of data quality and clarification requests using case report forms (CRFs).

Lab Manager / Research Technician II

Fred Hutchinson Cancer Center - Vaccine and Infectious Disease Division, Seattle, WA 2019 – 2022

- Hired as the first employee in a newly established research group - responsible for organization, logistical coordination, and fostering a welcoming and productive working environment.
- Onboarded and trained rotation students (5) and undergraduate student (1); contributed to their research projects.

- Responded flexibly and positively to changing demands and in uncertain conditions, building a network of support for the research group.
- Wrote an invited commentary on a relevant manuscript and contributed to additional (4) publications.

Research Technician, HIV Vaccine Trials Network (HVTN)

Fred Hutchinson Cancer Center - Vaccine and Infectious Disease Division, Seattle, WA 2017 – 2019

- Consistently performed to high standards in a GCLP regulated high-throughput team environment.
- Independently analyzed and interpreted data; composed study plans and final study reports to share findings for HIV, malaria, and Ebola vaccine clinical trials.
- Leveraged training and prior experience to creatively resolve complex issues.

Student Fellow, Minnesota Department of Health Virology Lab, St. Paul, MN 2016 – 2017

Mayo Summer Undergraduate Research Fellow Mayo Graduate School, Rochester, MN 2015

RELEVANT SKILLS

Technical: R (advanced), GIS and geocoding (advanced), GitHub & version control (intermediate) LaTeX (intermediate), JMP from the SAS Institute (intermediate), Stata (intermediate)

Other: Stakeholder Engagement, Effective Oral and Written Communication, Customer Service & Problem-Solving, Execution and Management of Large Projects, Data Visualization, Cross-Functional Collaboration, Student/Career Mentorship, Cultural Sensitivity

Statistical: Writing and Executing Statistical Analysis Plans, Study Design and Analysis, Multivariable Regression Modeling, Data Management & Organization, Machine Learning, Linear and Logistic Regression, Hypothesis Testing, Survival Analysis, Handling Missing Data and Multiple Imputation

HONORS, SERVICE, AND AWARDS

Commodore Award in Biostatistics, Vanderbilt University 2024
Awarded to one student per year for enriching the department and/or graduate program through ingenuity, dedication, and altruism.

Student Travel Award, ASA Women in Statistics and Data Science Conference 2024

Vice President, Biostatistics Graduate Student Association (BGSA) 2024 – 2025

Board Member & Outreach Chair, BGSA 2023 – 2024

Russell G. Hamilton Scholar, Vanderbilt University 2022
One of two recipients of the University Graduate Fellowship.

Educational Outreach Committee Co-Chair, Hutch United 2019 – 2022
Coordinated scientific education and outreach activities for local high school and community college students. Collaborated among institutional stakeholders to host events including career seminars and networking lunches.

Taylor Public Health Fellowship, Macalester College Biology Department 2016
One of five students to receive this competitive grant which supported summer research in public health (completed at Minnesota Department of Health).

Wallin Scholar, Wallin Education Partners 2013-2017