

# 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

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**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

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### 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

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**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

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**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