

- Former lab manager with 5+ years of experience in clinical trials and bench research at Fred Hutchinson Cancer Center.
- Expanded on statistical collaboration skills with a MS in Biostatistics, completed in 2025.
- Applied clinical research methodologies as an analyst on the CLOVERS retrospective study.
- Organized, adaptable, strategic, and solutions-focused.

EDUCATION

MS Biostatistics <i>Vanderbilt University, Nashville, TN</i>	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 <i>Macalester College, St. Paul, MN</i>	2017
Minor: Geography; Concentration: Community & Global Health	
Studied Community Public Health at Khon Kaen University in Thailand	2016

WORK EXPERIENCE

Lab Manager

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

- Onboarded and trained rotation students (5) and undergraduate student (1); contributed to their research projects.
- Established the infrastructure for single B cell transcriptomics for antibody discovery and optimized pipeline for high-throughput antibody production and characterization.
- 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

- Independently analyzed and interpreted data; composed study plans and final study reports to share findings for HIV, malaria, and Ebola vaccine clinical trials.
- Consistently performed to high standards in a GCLP regulated high-throughput team environment.
- Prepared and authored protocols (SOPs) and documentation.

RESEARCH EXPERIENCE

Graduate Research Assistant

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

Work conducted remotely from Minneapolis, MN

- Programmed interactive analytical & data visualization reports for the TN Department for Children's Services (DCS) & Vanderbilt Center of Excellence for Children in State Custody.
- Communicated statistical ideas to a variety of stakeholders including the DCS Commissioner, Governor of TN, federal reports.
- Implemented automatic workflows for interpretable data analysis in R.

CLOVERS Project Analyst

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

- Performed statistical analysis and interpretation of sub-sampled patient-level data from the CLOVERS sepsis clinical trial (published May 2025).
- Collaborated with investigators at Massachusetts General Hospital, Beth Israel Deaconess Medical Center, and Harvard Medical School.

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

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

SKILLS

General: Effective Oral and Written Communication, Cross-Functional Collaboration, Stakeholder Engagement, Audit Preparation and Readiness, Planning, Execution and Management of Large Projects, Cultural Sensitivity, Writing SOPs

Technical: R (advanced), GitHub & version control (intermediate) LaTeX (intermediate), GIS and geocoding (advanced)

Statistical: Study Design and Analysis, Writing and Executing Statistical Analysis Plans, Statistical Modeling, Data Management & Organization, Data Visualization, Linear and Logistic Regression, Handling Missing Data and Multiple Imputation, Multivariable Regression Modeling

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