

Brett Weaver

4324 Nokomis Ave Minneapolis, MN 55406 | 928-600-5974 | brettweaver@gmail.com

Education

- Master of Health Informatics (MHI):** University of Minnesota - *Minneapolis, MN* 2022
- B.S. Environmental Studies:** Northern Arizona University - *Flagstaff, AZ* 2008

Work Experience

Data Analyst

Health Sciences Technology – University of Minnesota | Minneapolis, MN 2021 – Present

- Analyzing data using statistical techniques and providing reports
- Developing and implementing databases and data collection systems
- Acquiring data from primary and secondary sources and maintain data systems
- Identifying, analyzing, and interpreting trends or patterns in complex data sets

Application Analyst and Trainer

Clinical and Translational Science Institute – University of Minnesota | Minneapolis, MN 2018 – 2021

- Lead training program for the University of Minnesota's research-based clinical trial management system (CTMS) OnCore
- Experience in web-based database system with associated research data management tools
- Performed quality assurance (QA) on web-based CTMS through the use of SQL queries and data manipulation
- Lead regular classroom workshops and advanced training sessions for groups to learn more about the CTMS and open up discussion to identify areas for improvement
- Compiled, analyzed, and distributed results based off annual feedback survey from end users to allow stronger alignment with future enhancements and training opportunity
- Created e-learning modules for certified training process within the University of Minnesota's clinical research division
- Managed and created website training and resource content for CTMS end users
- Built research data capture forms that maintained FDA 21 CFR Part 11 compliance
- Maintained working relationships with end users to foster strong organizational skills
- Assisted with application upgrade and testing procedures

Clinical Site Operations Lead

ThreeWire, Inc. – WIRB-Copernicus Group Company | Eden Prairie, MN 2016 – 2018

- Managed and developed one of the highest revenue-generating teams in the company for clinical trial recruitment programs
- Led internal task force teams with implementation of new initiatives that strengthen core services provided to clinical sites as well as incorporating LEAN goals, resulting in expansion of deliverables to clients and sponsors
- Developed outreach material for public health awareness and education of local clinical trials through community efforts
- Participated in internal leadership development courses as well as Six Sigma LEAN initiatives and Green Belt training
- Negotiated contracts and documents for a variety of research institutions – BAA, Confidentiality Agreement, SOW
- Maintained patient data safety in accordance with 45 CFR 46 and 45 CFR 164 as well as HIPAA and GCP guidelines
- Managed data metrics for ongoing clinical research sites and presented information to clients and sponsors on a regular basis
- Provided employee development, performance reviews, and regular goal setting for internal team members
- Created online training modules and webinars on internal processes, data capturing, and protocols for remote staff
- Reviewed and updated department SOPs and created internal client documentation for clinical programs

Clinical Research Site Specialist

ThreeWire, Inc. – WIRB-Copernicus Group Company | Eden Prairie, MN 2015 – 2016

- Managed staff augmentation services at clinical research sites to facilitate enrollment on various study trials within pharmaceutical, medical device, and biotech programs
- Facilitated recruitment strategies with study teams to provide planning, communication, education, and training
- Represented company and research trials at a variety of local and national events
- Managed and reported study site data for participating clinical team
- Remotely managed and trained clinical study coordinator staff throughout North America to maintain deadlines and prioritize assignments for sponsors and CROs

- Continuously worked on several clinical studies while providing customer service to new external clients on a regular basis
- Negotiated legal contracts and document submissions for a variety of research institutions
- Ensured all staff completed GCP, HIPAA, CITI, EDC, and study protocol training prior to working with clinical site
- Led weekly internal department meetings and provided educational research presentations to staff
- Assisted with internal audits for regulatory documentation and compliance with clinical studies

Research Assistant

VA Medical Center | Minneapolis, MN

2014 – 2015

- Recruited study patients for participation in observational public health research study on E. coli ST131
- Provided education to study participants regarding study process and involvement as well as discussion of the informed consent
- Assisted with laboratory culturing and analysis on study participant specimens
- Worked on scientific manuscript for publication
- Reviewed electronic medical record system, CPRS, to determine eligibility of new patients in the hospital

Research Intern

Translational Genomics Research Institute | Flagstaff, AZ

2011 – 2014

- Coordinated pilot public health observational study on sterile diet and its effect on gut biota including E. coli
- Recruited and followed subjects daily for 8 weeks including specimen collection and culture
- Provided health education and safety information to research participants
- Microbiology lab assistant to include culturing, DNA extraction, qPCR, and general tasks
- Maintained large databases and spreadsheets for several large public health studies
- Worked on a three-year study focusing on antibiotic resistance within foodborne meat and the health effects on local population
- Worked closely with IRB to ensure all correct measures were taken for post-consent samples on retrospective study
- Created study binders and documentation for subjects on several public health studies

Infection Prevention Coordinator II

Flagstaff Medical Center | Flagstaff, AZ

2011 – 2014

- Reported internal communicable diseases to local Coconino County Health Department
- Performed routine audits and inspections of hospital-wide hygiene compliance
- Educated nursing and ancillary staff on proper infection control protocol and policy
- Provided public health safety education during regular community outreach events
- Worked closely with hospital departments to ensure necessary precautions were taken for all patients with communicable diseases
- Investigated and collected data on disease outbreak within hospital and tracking of influenza outbreaks
- Provided monthly metrics on department compliance in Infection Prevention Committee meetings
- Worked with Infection Preventionist to identify surgical site infections, bloodstream infections, CAUTI, and other potential infections within the hospital and community setting

Skills

SQL, R, Python, Tableau, Citrix, CPRS, TheraDoc, PowerChart, Microsoft Office (Excel, PowerPoint, Visio, Word), Adobe Acrobat Pro, Articulate Storyline, OnCore, REDCap, CTR Portal, Six Sigma Green Belt trained, GCP/HIPAA, CITI

Publications

Davis GS, Waits K, Nordstrom L, Grande H, **Weaver B**, Papp K, Horwinski J, Koch B, Hungate BA, Liu CM, Price LB (2018). Antibiotic-resistant *Escherichia coli* from Retail Poultry Meat with Different Antibiotic Use Claims. *BMC Microbiology* 18(1), 174.

Liu CM, Stegger M, Aziz M, Johnson TJ, Waits K, Nordstrom L, Gauld L, **Weaver B**, Rolland D, Statham S, Horwinski J, Sariya S, Sokurenko E, Keim P, Johnson JR, Price LB (2018). *Escherichia coli* ST131-H22 as a Foodborne Uropathogen. *MBio*, 9(4), e00470-18.

Davis GS, Waits K, Nordstrom L, **Weaver B**, Aziz M, Gauld L, Grande H, Bigler R, Horwinski J, Porter S, Stegger M, Johnson JR, Liu CM, Price LB (2015). Intermingled *Klebsiella Pneumoniae* Populations Between Retail Meats and Human Urinary Tract Infections. *Oxford Academic – Clinical Infectious Diseases*, 61(6), 892–899.