Elliot Weiss, MPH

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EDUCATION

Master of Public Health, Concentration in Epidemiology/Biostatistics　　　May 2021
University of Illinois at Chicago (UIC), School of Public Health

Bachelor of Science in Kinesiology, Concentration in Movement Science　　December 2016
University of Illinois at Chicago (UIC)
- Helen M. Barton Summer Undergraduate Research Scholarship　　　April 2015 – 2016

WORK EXPERIENCE

ALIYA Healthcare, Skokie, IL　　　　　　　　　　　　　　　January 2025 – Present
Director of Analytics and Technology
- Oversee data strategy and technology infrastructure across multiple SNF locations, ensuring alignment with clinical, operational, and financial goals
- Lead cross-functional data initiatives that drive improvements in quality metrics such as CMS Star Ratings, rehospitalization rates, and patient satisfaction
- Collaborate with nursing, therapy, and administrative teams to analyze outcomes and implement data-driven performance improvement plans
- Ensure data integrity, HIPAA compliance, and cybersecurity standards across all technology platforms
- Train leadership and frontline staff on technology systems and data literacy to foster a culture of informed decision-making
- Serve as primary liaison with external vendors, consultants, and IT support to maintain operational continuity and technical efficiency

IQVIA, Biostatistics, Remote (US)　　　　　　　　　　　December 2021 – January 2025
Statistical Programmer I
- Quality Control Project Lead for five projects across areas of study including immunology, cancers, and biotechnology
- Performed and planned the quality control of SDTM datasets, analysis databases (derived datasets), and other programs for use in creating statistical tables, figures and listing summaries through the integration of multiple studies or sources
- Developed programming documentation including plans and specifications
- Provided advanced technical expertise in conjunction with internal and external clients, and independently bringing project solutions
- Implemented and validated new process technologies, macros, and applications

PHASTAR, Programming Department, Remote (US)　　　　　June 2021 – December 2021
Statistical Programmer I
- Programmed SDTMs and derived datasets according to given specifications
- Programmed summary tables, listings, and figures
- Developed macros of both simple and complex nature
- Reviewed and updated dataset specifications, listings, and summary shells under supervision
- Worked as part of a team with aim of furthering programming development

University of Illinois at Chicago, School of Public Health, Chicago, IL　　November 2020 – May 2021
COVID-19 Contact Tracer
- Responsible for performing initial interviewing of UIC persons with probable or confirmed COVID-19 infections
- Ensured safe environment through education, isolation, and quarantining protocols
- Maintained contact with UIC persons in isolation or quarantine in order to monitor symptoms and provide proper public health guidance
- Identified high risk cases and contacts when necessary

- Accurately performed data entry of interviews and follow-ups into RedCap

Village of Skokie, Department of Health & Human Services, Skokie, IL   April 2020 – August 2020
Public Health Intern, Salesforce Tech Advisor
- Efficiently conducted contact tracing interviews with confirmed COVID-19 cases and their contacts
- Trained contact tracers on Salesforce contact tracing software through oral instruction
- Created a thorough contact tracing manual for department's current and future contact tracers
- Performed data entry of contact tracing information into I-NEDSS, RedCap, and Salesforce
- Assisted Head Data Analyst with data entry, management, cleanup, and various projects
- Supported Head Data Analyst with Tableau troubleshooting and creating visualizations/dashboards
- Analyzed COVID-19 data for trends in conjunction with CDC's defined risk factors and generated a written report describing trends, future research, policy implications, and limitations
- Acted as Salesforce Tech Advisor by attending remote meetings, communicating software changes and updates, troubleshooting Salesforce issues, and effectively escalating issues to appropriate Salesforce point of contact

Aligned Modern Health, Chicago, IL   August 2017 – August 2019
Rehabilitation Specialist
- Arranged treatment plans by collaborating with Doctor of Chiropractic Medicine
- Executed treatment by leading patients through rehabilitative exercises and stretches
- Enriched patients with an understanding of the human body, health, and wellness
- Maintained clinic flow by ensuring smooth traffic of patients
- Supported clinic manager with administrative duties
- Performed insurance checks and managed scheduling
- Assisted with clinic marketing by manifesting community partnerships through distribution of marketing materials and engaging in open discussions about services
- Collaborated in the planning and execution of monthly, themed clinic events
- Conducted live demonstrations during clinic events

AREAS OF EXPERTISE

- SAS programming
- Complex SQL queries
- Python programming
- R programming and packages
- ArcGIS Pro
- Tableau Visualizations
- Microsoft Excel
- Microsoft Powerpoint

- Microsof O365
- PowerBI
- Database management
- SFTP
- Dashboard development
- Statistical modeling
- Data collection
- Epidemiology & Biostatistics
- Public Health Research

- Public Health Surveillance Systems
- Leadership
- Communication
- Detail-oriented
- Information Technology
- Exercise Science
- Consulting
- External stakeholders

PRESENTATIONS

University of Illinois at Chicago Recognition for Achievement, Research, and Excellence (R.A.R.E.)
April 2016
- Body Habitus, Arterial Stiffness, and Fitness in Multiple Sclerosis

University of Illinois at Chicago Student Research Forum
 April 2016
- Body Habitus, Arterial Stiffness, and Fitness in Multiple Sclerosis