

Spencer Nash

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SUMMARY

Public Health Research Analyst with two years supporting clinical and community health studies through **data quality assurance**, reproducible analysis, and research documentation. Retrieves participant data from REDCap and **clinical databases**, cleans moderately complex datasets, creates analysis variables, and prepares preliminary descriptive statistics using R and Stata. Maintains version-controlled code libraries, codebooks, protocol worksheets, and procedural guidance that support consistent research operations and transparent findings. Contributes to mixed methods evaluations, literature reviews, **data usage agreements**, abstracts, posters, progress reports, and manuscript development. Works closely with principal investigators, **clinical investigators**, coordinators, administrative teams, and implementation partners. Ready to support Lakeview Population Health Collaborative with accurate study data, thoughtful analysis, and clear research outputs.

EXPERIENCE

Public Health Research Analyst

May 2025 - Present

Midwest Community Health Institute

Chicago, IL

Support multi-year mixed methods evaluations and **clinical research** operations, connecting participant, clinical, and monitoring data with reproducible analysis, quality reporting, and investigator-facing documentation.

- Integrated participant, clinical, and monitoring data into analysis-ready files for mixed methods evaluation.
- Built **R** and **Stata** checks for missingness, duplicates, dates, and cross-form inconsistencies.
- Maintained **REDCap** forms, validation rules, instructions, and exports across study workstreams.
- Prepared descriptive tables, recruitment summaries, QA reports, and progress updates for investigators.
- Maintained version-controlled code libraries with data dictionaries and **reproducibility** notes for traceable transformations.
- Drafted abstracts, posters, **protocol worksheets**, codebooks, and manuscript sections with investigator feedback.

Research Data Assistant

August 2024 - April 2025

Great Lakes Prevention Research Center

Chicago, IL

Supported **public health** studies through participant-data retrieval, structured cleaning, literature review, documentation, and presentation preparation for faculty investigators and research staff.

- Reconciled participant and service records from REDCap, **Access**, and spreadsheet tracking systems.
- Cleaned study data in **R** and **Excel** through recoding, range checks, and duplicate review.
- Created quality logs and escalation summaries for incomplete or conflicting source information.
- Organized literature evidence by population, intervention, implementation setting, and outcome measure.
- Updated **codebooks**, **questionnaires**, protocol worksheets, and operating instructions for research assistants.
- Produced recruitment reports, abstraction templates, and presentation materials for multidisciplinary meetings.

PROJECTS

Community Health Implementation Evaluation 📅 2026

Supported a multi-year mixed methods evaluation by connecting participant, clinical, and project-monitoring data with quality checks, descriptive summaries, and partner reporting.

Reproducible Public Health Data Workflow 📅 2025

Built a documented R and Stata workflow covering source retrieval, data cleaning, variable creation, analytic datasets, and traceable research outputs.

LEADERSHIP & AWARDS

- Recognized by research staff for dependable quality logs, clear escalation notes, and timely study support.
- Trusted by investigators to coordinate review comments across abstracts, posters, protocol materials, and progress reports.

EDUCATION

Bachelor's Degree in Public Health

2024

Northeastern Illinois University GPA: 4.0

Chicago, IL

Coursework: Biostatistics, Epidemiology, Public Health Research, Data Analysis

CERTIFICATIONS

- Google Data Analytics Professional Certificate 📅 2024
- CITI Program: Social and Behavioral Research 📅 2024

TECHNICAL SKILLS

- **Statistical Software:** R, Stata, SAS
- **Microsoft Applications:** Excel, Access, Word
- **Communication Tools:** Outlook, PowerPoint, Teams
- **Research Data Systems:** REDCap, clinical databases, research databases
- **Data Quality Methods:** Data checks, data cleaning, QA audits
- **Research Documentation:** Codebooks, protocol worksheets, procedural manuals
- **Study Data Collection:** Questionnaires, validation rules, abstraction templates
- **Analytic Methods:** Biostatistics, descriptive statistics, variable creation
- **Research Outputs:** Abstracts, posters, manuscripts
- **Study Governance:** Data usage agreements, data quality plans, adverse event reports
- **Evidence Review:** Literature reviews, evidence tables, outcome measures

SKILLS

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|----------------------------|--------------------------|--------------------------|-------------------------|
| • Public health research | • Data quality assurance | • Descriptive statistics | • Data abstraction |
| • Clinical health data | • QA audits | • REDCap | • Reproducible research |
| • Biostatistics | • Data cleaning | • R | • Research reporting |
| • Mixed methods evaluation | • Variable creation | • Stata | |

PROFESSIONAL AFFILIATIONS

- Public health research teams and multidisciplinary clinical investigator groups.
- Community health implementation partners and research data collaborators.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST