

Spencer Nash

Public Health Research Analyst

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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

Midwest Community Health Institute 📅 May 2025 - Present 📍 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

Great Lakes Prevention Research Center 📅 August 2024 - April 2025 📍 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

Northeastern Illinois University 🎓 GPA: 4.0 📅 2024 📍 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