

# Spencer Nash

## Public Health Research Analyst

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📍 Evanston, IL 60201

### STRENGTHS

- ✔ **Data Quality**  
Caught conflicting dates and duplicate records during recurring checks, giving study teams cleaner files and clearer follow-up.
- ➦ **Reproducible Research**  
Kept code, dictionaries, and transformation notes together; colleagues could trace source extracts without guesswork.
- 👥 **Collaborative Analysis**  
Worked through review comments with investigators and coordinators, turning different perspectives into usable research outputs.
- ♥ **Research Documentation**  
Updated codebooks and protocol worksheets after field feedback, helping research assistants follow consistent collection practices.
- ➦ **Clear Reporting**  
Prepared progress summaries and quality reports that gave partners a practical view of recruitment and study milestones.

### SKILLS

Public health research

Clinical health data Biostatistics

Mixed methods evaluation

Data quality assurance QA audits

Data cleaning Variable creation

Descriptive statistics REDCap R

Stata Data abstraction

Reproducible research

Research reporting

### 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.

LANGUAGES



MY CAREER



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

PROFESSIONAL AFFILIATIONS

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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST