

James Rogers
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Overview

- Experienced leader across people management, survey research, data engineering, and business development, effectively bridging technical and strategic roles
- Built and led high-performing teams, driving innovation and delivering impactful, scalable data solutions
- Demonstrated expertise directing complex projects and overseeing large-scale data processing initiatives from conception through delivery

Professional Experience

- 2000 – 2025 RTI International, Durham NC
Center for Education Data Integration
Director, Systems Analysis and Programming
- Led the Data Processing Program with a diverse team of programmers, analysts and managers
 - Directed projects and data processing tasks on large scale longitudinal studies
 - Developed programs across the survey life cycle, including cleaning and editing, reporting, deriving analysis variables, and data dissemination
 - Facilitated hiring, project staffing, and business development activities
 - Initiated quality control standards for staff to adhere to on projects
 - Conducted cross-center collaboration events
- 1999 – 2000 Gibson and Associates Inc., Elmhurst IL
Information Systems Manager
- Provided technological solutions for a rapidly growing management consulting firm
 - Recommended new tools to enhance the consultant's job
 - Provided training for use of software and laptops
- 1994 – 1999 National Opinion Research Center at the University of Chicago, IL
Information Systems Manager
- Developed and implemented survey and statistical analysis systems
 - Prepared project plans and developed and monitored budgets
 - Ensured data integrity and quality of project deliverables
- 1989 – 1994 Accenture (previously Andersen Consulting), Chicago IL
Information Systems Consultant
- Developed programs as part of mainframe and PC-based systems
 - Worked across various industries, including telecommunications, insurance, retail, and litigation

Select Project Experience

- **High School Longitudinal Study, Third Follow-up (2024-2025) – Project Director**
Directed integration of administrative data sources for the purpose of studying the educational and occupational trajectories of a cohort of young adults. Collaborated with clients and stakeholders on study design, negotiated data-sharing agreements with partners, and established frameworks for developing analytic variables.
- **Analytic Software Strategy (2024-2025) – Software Initiative Lead**
Represented a 50-person team of programmers and analysts during the organization's strategic transition from SAS to open source languages like Python and R. Provided guidance on leveraging AI tools to implement code conversion, identify reusable components, and streamline migration. Designed a comprehensive validation plan to ensure accuracy, minimize disruption, and support long-term adoption of open source solutions.
- **High School and Beyond (2022-2025) – Data Processing Task Leader**
Led data cleaning and editing across multiple survey and assessment datasets, developed analytic variables, integrated weights and imputations, and constructed final deliverables for both restricted-use and public-use data products.
- **Education Data Integration Project (2020-2021) – Data Initiative Lead**
Secured internal funding through a company-wide commercialization contest to co-lead the development of a comprehensive database integrating elementary, secondary, and postsecondary educational institution data. Led efforts to scrape and aggregate information from multiple education data sources, engineered analytic variables, and designed a PostgreSQL database to enable geographic data linkages for advanced analysis.
- **SAS Grid Conversion (2016-2018) – Software Implementation Lead**
Represented a 50-person team of programmers and analysts during the migration from PC-based SAS to a Linux-based SAS Grid environment. Led software and platform testing, delivered presentations, conducted user training sessions, and provided troubleshooting support throughout the implementation process.

Presentations and Proceedings

- Kline, T. L., Lennon, J. M., Wilson, D. H., Rogers, J. E., Herget, D. R., & Willoughby, M. T. (2024). Comparing in- versus out-of-school administration of achievement tests. National Conference on Student Assessment 2024, Seattle, WA.
- Rogers, J. E., & Lacy, T. A. (2016, November). Students revealed college preferences: An application of the Elo rating system to colleges and universities. Presented at The Association for the Study of Higher Education, Columbus, OH.
- Rosen, J., Porter, S. R., & Rogers, J. E. (2016, April). Understanding student self-reports of academic performance and course-taking behavior. Presented at American Educational Research Association Annual Conference, Washington, DC.

Education

- BS, Industrial Engineering and Management Sciences, Northwestern University, Evanston, IL, 1989