



Position Description: E3 Alliance Research Analyst
Classification: Professional - Full Time, Exempt
Direct Supervisor: E3 Alliance Sr. Director of Research

About E3 Alliance:

E3 Alliance is a nonprofit organization leading the charge in the relentless pursuit of education transformation for Texas students. Founded in 2006, E3 Alliance is a Texas-based education collaborative that leverages data to serve as a catalyst to impact educational outcomes for all students—cradle to career. Partnering with school, community, and business leaders, E3 Alliance brings together diverse voices to collaborate and build a strong, equitable education pipeline that delivers a trained and educated workforce while creating long-term, systemic change.

Our Core Values: Collaboration | Data-driven | Equity | Learning | Relentless

E3 Alliance is an equal opportunity employer and has a Best Place for Working Parents 2024 designation for the 4th year in a row.

At E3 Alliance, we value both the effectiveness of remote work and the importance of in-person collaboration. E3 Alliance offers the flexibility of working remotely or coming into an office, with some in-person meetings required. All staff must live in the greater Austin area.

Job Overview

E3 Alliance is seeking a Research Analyst to conduct statistical analysis of large-scale education data sets under the guidance of the Senior Director of Research. The Research Analyst will collaborate with a team to execute our research and analysis agenda, leveraging data to address disparities and help every child reach their potential. This dynamic role involves contributing to longitudinal research projects, programming, data analysis, visual representation, and communicating complex information related to student educational outcomes to influence stakeholder decision-making and policy.

Duties and Responsibilities:

Research Design:

- Provide analytic support and act as a thought partner for other research staff in the execution of large- and small-scale research studies, data queries, and grant deliverables.
- Manage estimates, timelines, and deliverables for large- and small-scale research projects.
- Draft research and analytics project definitions, including needs analysis, research questions, literature reviews, and analytical methods for both quantitative and qualitative studies.
- Collaborate on grant proposals.
- Propose and implement data collection strategies when data is not available from other sources.

Data Analysis:

- Utilize an equity lens in analyzing, visualizing, and sharing education data.
- Conduct statistical programming, data analysis, and data manipulation in R, and potentially in Python or SAS.
- Serve as first-line reviewer for data analysis completed by other team members.
- Develop expertise in relevant datasets available at the University of Texas Education Research Center and other state and federal data sources.

Data Storytelling:

- Provide analytic support and collaborate with stakeholders, including E3 leadership, staff, and partners to ensure actionable data and information are available to support E3 Alliance' work.
- Work with the Communications team and other staff to develop charts, graphs, infographics, tables, maps and interactive data displays that communicate information clearly to external audiences, effectively telling a story to drive decision-making and behavior change with an emphasis on equity.
- Present research findings to diverse audiences, including school districts, partners, and other stakeholders.

Collaboration:

- Partner with E3's Blueprint, Transformation Services, and other internal teams to co-design actionable research with partner districts and campuses.

Qualifications:

Education

- Master's (Ph.D. preferred) in education or the social sciences, or a Bachelor's degree with five years of research or data analytics experience.

Required Qualifications

- Programming experience in R with up-to-date applied technical skills, including creating visualizations.
- Strong statistical background and experience managing and conducting research projects using mixed methodologies.
- Experience working with large-scale education datasets.
- Proficiency in Microsoft Office 365 (especially Excel), Outlook/Exchange, project management tools, team data sharing, and web presentation tools.
- Demonstrated ability to leverage data and research to address racial and income disparities in community outcomes.
- Experience maintaining confidentiality of work-related information and materials.

Preferred Qualifications:

- Experience with up-to-date applied technical skills in Python and/or SAS.
- Direct experience with the use of data from the Texas Education Agency and/or the Texas Higher Education Coordinating Board.

- Experience conducting analyses at the Texas Education Research Center (ERC).
- Experience with early education (Pre-K) through secondary student data and leading analytic studies in learning outcomes.
- Experience with multilevel modeling and quasi-experimental analyses.
- Experience working with diverse stakeholders in the education community (e.g., school district personnel; community-based organizations).
- Knowledge of and connectivity to the Central Texas education ecosystem.
- Familiarity with SQL and relational databases.

Skills:

- Ability to prioritize and multi-task in a small team environment, manage multiple projects, and adhere to timelines and deadlines.
- Attention to detail and ability to deliver high-quality, tested analytic results.
- Strong written & verbal communication skills.
- Excellent interpersonal skills.

Compensation and Benefits

E3 Alliance is supported by founding partner Austin Community College District (ACC), and through this partnership utilizes ACC payroll and human resource systems. Through ACC, E3 Alliance staff have access to ACC compensation and benefits systems, including generous vacation and sick leave, insurance, and other benefits.

- Salary Range: \$70,000-\$82,000 (based on experience and expertise)
- Health care and dental insurance, TRS retirement benefits, disability insurance, and other standard ACC benefits
- E3 Alliance is unable to support candidates who require sponsorship to work in the United States
- This position is grant-funded, but does not have a defined timeframe and is intended to be a full-time, ongoing position

To be considered for this position applicants must:

- Upload your resume and cover letter when submitting your ACC application
- Complete the E3 Alliance Employment Questionnaire: [E3 Alliance Employment Questionnaire](#)