

## Jackie Alvarez

Edstar, Inc.  
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### A. Professional Preparation

Wake Technical College	General Studies	A.S., 2018
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### B. Professional Certifications

CITI Program	Qualitative Data Analysis	November 2023
CITI Program	Survey Research	November 2023
UC Berkeley Executive Ed	Data Science: Bridging Principles and Practice	December 2022

### C. Evaluation Specialist, Edstar Analytics

January 2014 - Present

- Acquired proficiency in Jamovi and Qualitative Comparison Analysis (QCA), enhancing data analysis processes.
- Completed coursework including Python programming, contributing valuable coding skills to the team.
- Skilled in Power Query for data manipulation and creating data dashboards and infographics for clear data presentation.
- Lead role in a DODEA grant evaluation, managing the project end-to-end.
- Represents the team in meetings and national conferences, enhancing company visibility and credibility.
- Independently handled sampling, methodology, and auditing for Global Teaching Partners data.
- Played a pivotal role in enhancing the team's data management and visualization capabilities.
- Developed strong client and public relations skills through effective representation at school meetings and conferences.

### D. Publications and Presentations

Johnson, J., & Alvarez, J. (2024). *Social Emotional Learning Survey and Observation Tools for STEM Project-Based Learning: Technical Document*. Edstar Analytics, Inc.

Alvarez, J. (2024). "Data Findings and Analysis for Hoke County Schools." Presentation delivered to Hoke County Schools, Hoke County, NC.

### E. Selected Program Evaluations

- **2 GEAR UP Statewide Grants:** Member of a team delivering evaluation services for GEAR UP programs in North Carolina and Mississippi, with each project receiving around \$27,000,000 over a span of seven years from the Department of Education. (2013 – present)
- **3 DoDEA STEM and Literacy Grants:** Project lead of a team evaluating three Department of Defense Education Activity (DODEA)-funded grants, each with a budget of \$2,000,000 over five years, aimed at enhancing STEM and literacy education. (2018 – present)
- **1 NSF ATE Grants:** Member of a team currently evaluating the grant for North Carolina's Edgecombe Community College for which we helped write the grant. (2023 – present)

- **1 NSF ExLENT Grant:** Experiential Learning for Emerging and Novel Technologies (ExLENT) grants for Miracosta Community College (2023 – present)
- **2 DOE HBCU Master’s Degree Program Phase I and Phase II:** Member of a team providing evaluation services for DOE HBCU STEM initiatives, with a budget of \$1,700,000. The Phase II grant is just beginning. Both phases include undergraduate research projects. (2017 – present)
- **1 ED NASANTI Grants:** Project leader for evaluation team for the University of North Carolina at Pembroke, with each grant valued at \$2,000,000 over five years. This grants all include undergraduate research projects. (2019 – present)
- **2 AmeriCorps Grant:** Assisted with research for an AmeriCorps grant. Developed online survey and assisted with statistical analyses for AmeriCorps research studies. (2023 – present)

#### **F. Research Assistance**

Support for research designs and analyses for doctoral dissertations and research:

- Turner, T. (2025). The challenges faced by faculty at Historically Black Community Colleges (HBCCs) during the COVID-19 pandemic, emphasizing the strain on work-life balance, job satisfaction, and productivity.
- Nichols, D. (2025). Non-traditional Community College Transfer Students

#### **G. Skills**

- Advanced proficiency in Python, Jamovi, and Power Query.
- Expertise in data visualization and dashboard creation.
- Strong leadership and project management skills.
- Effective in client and public relations.
- Independent in sampling and methodology.
- Experienced in designing and implementing online surveys for data collection.