

RANDOLPH TAYLOR, Ph.D.

Program Evaluation | Research Services

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PROFESSIONAL SUMMARY

Program evaluation and research services consultant with significant experience designing and leading mixed-methods evaluations, applied research studies, and performance measurement activities across nonprofit, education, government, health, and private-sector settings. Skilled in evaluation design, survey and instrument development, quantitative and qualitative analysis, fidelity monitoring, quality assurance, data visualization, and actionable reporting. Trusted partner to program leaders, clinical teams, researchers, and community organizations seeking evidence-based insights to strengthen programs, improve service delivery, and support community-focused outcomes.

CORE COMPETENCIES

Program Evaluation | Applied Research | Mixed-Methods Design | Survey & Instrument Development | Quantitative & Qualitative Analysis | Data Visualization | Quality Assurance | Fidelity Monitoring | Performance Measurement | Evaluation Reporting | Stakeholder Engagement | Community-Based Programs

PROFESSIONAL EXPERIENCE

Senior Consultant | Helix Solutions - El Paso, TX

2022 - Present

- Lead comprehensive program evaluations and applied research projects for clients in varied fields including youth education and development, public health, and community development.
- Design evaluation frameworks and refine surveys, interview protocols, fidelity checklists, and related data collection tools.
- Analyze quantitative and qualitative data to identify performance trends, implementation risks, service gaps, and improvement opportunities.
- Establish performance indicators and benchmarks to assess program quality, implementation fidelity, outcomes, and service delivery.
- Prepare evaluation reports, research briefs, and presentations that translate findings into actionable recommendations for leadership.
- Partner with multidisciplinary teams and community-focused organizations to strengthen program effectiveness and continuous improvement.

Program Evaluator | El Paso Independent School District - El Paso, TX

2017 - 2022

- Designed and implemented program evaluations and research activities for district programs serving youth and families.
- Assessed compliance, implementation fidelity, and quality assurance processes across program cycles.
- Conducted mixed-methods analyses to evaluate program effectiveness, implementation quality, and opportunities for improvement.
- Built Tableau dashboards to monitor performance indicators and support data-informed decision-making.
- Prepared evaluation reports for leadership, translating evidence into strategic and operational recommendations.
- Designed and managed survey administration, review cycles, data collection workflows, and ongoing monitoring activities.

Lecturer | The University of Texas at El Paso

2019 - 2020

- Taught statistical methods, research design, and behavioral measurement.
- Trained students in data interpretation and ethical human-subjects research practices.

Graduate Student Research Associate | The University of Texas at El Paso

2011 - 2017

- Managed human-subjects behavioral research from study design and data collection through analysis, publication, and presentation.
- Conducted advanced quantitative analyses in memory, cognition, bilingual processing, and health-related behaviors.

Graduate Teaching Assistant / Instructor | The University of Texas at El Paso

2011 - 2017

- Taught and supported experimental psychology and statistics courses.
- Guided students in applied research methods and data analysis.

EDUCATION

Ph.D., Psychology - The University of Texas at El Paso

Graduate Certificate, Quantitative Methods - The University of Texas at El Paso

M.A., Experimental Psychology - The University of Texas at El Paso

B.A., Psychology - The University of Texas at El Paso

PROFESSIONAL MEMBERSHIPS

American Evaluation Association | New Mexico Evaluators

SELECTED PUBLICATIONS & RESEARCH OUTPUTS

Dura, L., Paudel, S., Khatiwada, R., Villa, C., Taylor, R., Aguilera, J., & Ibarra-Mejia, G. (2025). Designing community responsibility decision points into engaged, participatory work. ACM SIGDOC '25. DOI: [10.1145/3711670.3764624](https://doi.org/10.1145/3711670.3764624)

Rivera, J., Alvidrez, M., Taylor, R., & Villa, C. (2024). Empowering Change in Computer Science Education. IEEE FIE. DOI: [10.1109/FIE61694.2024.10893399](https://doi.org/10.1109/FIE61694.2024.10893399)

Hampton, E., Luna, L., Villa, C., Taylor, R., & Roy, M. (2024). Transforming Computing Education for Future Teachers. IEEE FIE. DOI: [10.1109/fie61694.2024.10893588](https://doi.org/10.1109/fie61694.2024.10893588)

Taylor, R.S., Francis, W.S., et al. (2019). Mechanisms of word concreteness effects. Memory & Cognition. DOI: [10.3758/s13421-018-0857-x](https://doi.org/10.3758/s13421-018-0857-x)

Taylor, R. S., & Francis, W. S. (2017). Between-language repetition priming. Memory. DOI: [10.1080/09658211.2016.1173704](https://doi.org/10.1080/09658211.2016.1173704)