Tiffany S. McBride
Researcher and Evaluator

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- I aspire to do work that allows me to improve the lives of others and make a positive impact on the world.
- I value communication, transparency, flexibility, and accuracy, and aim to practice my values in my work.
- I believe and invest in lifelong learning.

Education

MS - Mathematics
Purdue Fort Wayne - *2022-2024*

MA - Social Psychology and Evaluation
Claremont Graduate University - *2014-2016*

BA - Sociology
Cal Poly Pomona - *2010-2014*

Experience

Positions

Graduate Research Assistant / Statistical Consultant *Aug 2023 - current* PFW University Research And Innovation	- Statistical and research consultant, providing assistance in areas including: experimental design, data analysis, statistical consulting, and project/research review - Example projects: - Designing measurable objectives in hands-on mathematical teaching to demonstrate learning - Analyzing training for communicative disorder counseling and assisting in published research - Using tooth measurements and qualitative indicators for ancient Peruvian mummy teeth to look for relationship, migration, and sacrificial patterns - Modeling and projecting slaking and the breakdown of rocks over time in different conditions over multiple cycles
Graduate Teaching Assistant *Aug 2022 - May 2024* PFW Department of Mathematical Sciences	- Raytheon Corporate Partnership Project Course (August 2023 - May 2024) - Role of scrum master for student team - Assigned tasks and managed due dates, reviewed Kanban board and student work - Worked with stakeholders to create and monitor overall project goals - Maintained contact with students and stakeholders - Taught pre-calculus at Purdue Fort Wayne - College Algebra (Fall 2022 Semester) - Trigonometry (Spring 2023 Semester) - Created lesson plans, quizzes, and exams along with teaching the course in-person - Tutoring Services - Worked one-on-one or with small groups of students in the tutoring center for math courses

Experience

Positions - Continued

Environmental Compliance Intern *Feb 2022 - Oct 2022* City of Fort Wayne	• Learned about city management and environmental requirements for water pollution control in the city of Fort Wayne • Assisted in inspections of fat, oil, and grease waste producing facilities in the pretreatment section • Provided assistance with report writing, document handling and organization, mailing, and more

Evaluator and Research Assistant
Apr 2018 - Mar 2020
UCLA Luskin School of Public Affairs
	• Work on multiple evaluations of community-based programs through UCLA collecting data, analyzing, and compiling into visually engaging reports, including:
	  • Gang Reduction and Youth Development (GRYD)
	    • Multiple projects under this initiative designed to foster collaboration between GRYD, the community, and the LAPD including GRYD IRON, Family Case Management Services, Intervention Incident Response, and more
	      • GRYD IRON aimed at using exercise and social connections to prevent youth from entering gangs
	  • Project Fatherhood
	    • Collected data from past and present fathers who received therapy, parenting courses, legal assistance, and other services
	  • Other evaluations, such as the Community Safety Partnership (CSP), Sisterhood Rising Leadership Retreat (SRLR), LA County youth services gaps, analysis of data in court assistance cases and more

Program Evaluation Intern *May 2017 - Feb 2018* Partnerships for Trauma Recovery	• Dedicated to providing therapy to refugees and asylum seekers, the organization used a holistic approach providing legal aid and other connections to those in need • Managed HIPAA protected client data and used data to report grant requirements • Adjusted data collection instruments and reported needs & findings to organization
Legal Intern *Sep 2013 - Aug 2014* JusticeCorps LA	• Assisted low-income litigants with legal paperwork, specializing in family law
Peer Advisor *Sep 2012 - Jun 2014* Cal Poly Pomona Financial Aid Office	• Disseminated financial aid information to students and parents in person and over phone and assisted them with required paperwork • Provided regular office assistance, such as taking inventory, scanning and handling documents, etc.

Experience

Other Research, Evaluation & Volunteerism Projects

Claremont Center for Teacher and Learning *Nov 2016 - Feb 2018*	• Created logic model, collected and analyzed qualitative and quantitative data with staff to determine program successes and needs
Trauma and Volunteerism Researcher *Jan 2016 - Jun 2017*	• Qualitatively analyzed and coded interviews from participants who had experienced trauma • Looked for themes of post-traumatic growth and compared coding to findings from a separate, but related, quantitative data set
City of Hope SEPA Project Evaluator *Dec 2015 - Apr 2017*	• Evaluation of a program from City of Hope intended to interest local youth in science and train them to enter the STEM field • The program targeted key age ranges for experiments, with second, fifth, and eighth grades for field trips and high school age students receiving paid research experience
Sexism in Video Games Researcher Sep 2015 - May 2016	• Worked with a team to develop and pilot a hostility in video game settings scale, create a video manipulation testing gender bias, and implemented experiment on MTurk
USDA Forest Service Researcher *Mar 2016 - May 2016*	• Recruited participants age 8-15 to take part in the study, examining children's connection to nature by having them play an iPad game that recorded response time based on word connection
Promise Scholars Evaluator *Sep 2015 - May 2016*	• Led a team of 5 to design and conduct an evaluation on a program aimed at increasing 5th graders interest in attending college
Prison Education Project Volunteer *Sep 2011 - Jun 2012*	• Provided tutoring in English and Math to assist inmates prepare for the GED or higher level learning

Skills

Team Management	Have implemented Agile methodologies such as Scrum and Kanban Held team members accountable for meeting deadlines through regular performance monitoring Created and monitored project documentation Ensured timely completion of deliverables by regularly tracking project milestones
Instrument & Protocol Creation; Data Collection	Create instruments and protocols for varied data collection methods. An emphasis on conducting open-ended focus groups and interviews.
Data Analysis & Report Writing	Analyzed quantitative and qualitative data using various programs with an emphasis on qualitative, mixed-method, and use-based approaches. Utilized statistical and mathematical modeling techniques to identify patterns and make predictions. Produced meaningful reports tailored to the audience's needs, incorporating data visualization for easily digestible findings, and made recommendations based on the analysis.
Software	Python, R, C++, SPSS, NVivo, Qualtrics, and standard office software (e.g., spreadsheets, documents, etc.)
Languages	English (fluent), German (basic)