Jewel Neal

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Education

M.A. Psychological Research
Texas State University, San Marcos, TX
B.A. Psychology
Texas State University, San Marcos, TX

Research and Development Analyst with 6+ years of experience conducting qualitative and quantitative research, data analysis, and program evaluation within federally regulated, higher education, and government-adjacent environments. Demonstrated expertise in research design, data collection, statistical analysis, and data management systems to support evidence-based decision-making and policy development. Proficient in analyzing complex datasets, developing dashboards and reporting tools, and translating findings into actionable insights, briefs, and stakeholder-ready deliverables. Experienced in federal and state policy research, IRB and human subjects compliance, and cross-functional collaboration. Advanced proficiency in Python, R, SPSS, SQL/MySQL, ERP, MS Office, Power BI, and Tableau, with a strong record of supporting research initiatives, continuous improvement, and strategic development through data-driven solutions.

Academic Experience

Adjunct Professor | Texas A&M University
August 2024 – Present
- Develop and deliver engaging lectures on research methodology, statistical techniques, and experimental design.
- Guide students in designing, conducting, and analyzing research projects, ensuring ethical and methodological rigor.
- Integrated culturally responsive teaching practices.
- Designed course materials and syllabi that incorporate current statistical software (e.g., SPSS, JASP) to enhance student learning and practical skills.
- Provide individualized mentoring and academic support through scheduled office hours and feedback sessions to promote student success.
- Collaborate with departmental faculty to update course material ensuring alignment with latest research trends and industry standards.

Graduate Teaching Assistant | Texas State University
January 2023 - January 2024
- Designed and delivered psychology lessons, aligning with academic standards.
- Managed classroom dynamics, fostering an inclusive learning environment.
- Developed and implemented research-based teaching methodologies.
- Created course materials including syllabi, lesson plans, and assessments.
- Planned and executed classroom activities using project management techniques.
- Developed engagement strategies to motivate students.

Lead Researcher | Texas State University
January 2022 - December 2023
- Conducted comprehensive literature reviews using academic databases (e.g., PSYCHINFO) to identify gaps and set research objectives.
- Designed and implemented robust research methodologies integrating qualitative and quantitative data collection techniques.
- Utilized advanced analytical tools (e.g., RStudio, SPSS, Python, MySQL) for statistical analysis using qualitative and quantitative analysis, data interpretation, and hypothesis testing.
- Developed and maintained detailed project documentation ensuring compliance with IRB standards.
- Presented Research findings at academic conferences and seminars to effectively communicate research findings.
- Managed research timelines and milestones, demonstrating strong project management and organizational capabilities

Seaton Fellow | Texas State University/ Seaton Foundation
October 2022 - May 2023
- Developed and proposed a research project on Intellectual and Developmental Disabilities (IDD) and related topics with guidance from the Faculty Coordinator and Seaton Foundation members.
- Created a detailed timeline for project goals, milestones, and completion, collaborating with the Faculty Coordinator and Seaton Foundation members.
- Conducted and completed two semesters of PSY 5398 (Internship).
- Attended and actively participated in all bi-weekly team meetings, providing updates and receiving feedback.
- Submitted weekly progress reports to the Lead Seaton Fellow, ensuring consistent communication and accountability.
- Demonstrated strong communication and collaboration skills by working efficiently with the Seaton Foundation team and attending Foundation events as required.

Lab Member, SCAD Lab | Texas State University
Spring 2021 - Fall 2023
- Conducted a literature review on the role of Theory of Mind (ToM) in the ASD
- population.
- Read and reviewed current and past research on ToM in ASD individuals.
- Worked and provided support to other lab members on thesis research projects.
- Presented research to Lab members
- Worked on the development of Science in the Parks research project.

Graduate Disability Tutor | Texas State University
January 2023 - August 2024
- Developed and implemented accessible tutoring sessions for students with disabilities.
- Provided one-on-one and group tutoring on research design, data analysis, and statistical interpretation.
- Created and adapted instructional materials to accommodate diverse learning styles.
- Utilized assistive technologies to enhance learning experiences.
- Assessed students' strengths and needs, creating personalized tutoring plans.
- Collaborated with faculty and disability services to ensure compliance with accommodations and provide comprehensive support to students.
- Offered guidance on research projects, including topic selection, literature review, methodology, and data collection techniques.
- Encouraged and facilitated critical thinking and problem-solving skills, enabling students to apply research methods independently.

Professional Experience

IT Policy & Compliance Analyst | Hiller Measurements
April 2025 - Present
- Develop and maintain IT policies and control documentation aligned with federal cybersecurity and compliance frameworks.
- Support internal audits, compliance reviews, and documentation control within government-adjacent environments.
- Collect, organize, and analyze qualitative and quantitative data to inform compliance reporting and strategic decision-making.
- Develop dashboards and tracking systems to support transparency, accountability, and reporting.

Project Coordinator II | Hiller Measurements
April 2024 - Present
- Communicate project goals and timelines to team members and stakeholders.
- Coordinate meetings to update stakeholders on project progress.
- Utilize project management software for planning and monitoring projects.
- Identify opportunities for process improvements and implement best practices.
- Conduct and create training modules and sessions for team members on new tools and techniques.
- Generate detailed reports on project status.
- Organize and maintain digital and physical documents.
- Ensure ITAR compliance with organizational policies and regulatory requirements.
- Implement project production and succession.

Career Preparation Aide | Gary Job Corps
May 2023 - May 2024
- Developed a career preparation program for incoming students.
- Analyzed qualitative data to tailor programs and events to fit student's needs.
- Planned and budgeted for program activities and travel.
- Supported programming within a federally funded workforce development program in alignment with federal guidelines.
- Conducted workshops on resume writing, interview techniques, and job search strategies.
- Created and instructed classes on career-related topics, incorporating interactive activities.
- Instructed students in soft skills such as communication and teamwork.

Clinical Specialist Intern | Sevita Health
July 2022 - January 2023
- Provided case management and health services to IDD/ASD clients.
- Developed individualized care plans based on assessments.
- Coordinated with mental health and medical professionals to implement care plans.
- De-escalated stressful situations and provided clarification on services.
- Ensured compliance with HHSC policies and documented client progress.

Registered Behavior Technician | MedCare Rise Pediatrics ABA Therapy
July 2021 - July 2022
- Provided ABA therapy and CBT in a clinic-based setting.
- Developed educational activities and therapeutic interventions.
- Collaborated with a multidisciplinary team to support clients.
- Implemented treatment plans, achieving a 10% decrease in negative behaviors.
- Successfully paired with clients and completed daily tasks.
- Conducted effective teaching sessions, contributing to client success.

Mental Health Associate | San Marcos Treatment Center
October 2020 - June 2021
- Assessed and monitored patients for treatment planning.
- Collaborated with therapists, psychiatrists, and educators to implement treatment for clients.
- Worked with ages 3-18 yrs clientele with various mental health conditions (e.g., PTSD, ODD).
- Documented clients behaviors and supported them through therapy and activities.

Honors and Awards
- Dean's List Award (Every Semester)
- Magna Cum Laude
- Seaton Foundation Fellowship

University Involvement & Volunteer Work
- **Psychology Association** (Spring 2017 - Spring 2020)
- **Sights and Sounds** (Spring 2017 - Spring 2020)
- **Psi Chi**
  Events Coordinator (Spring 2019 - Summer 2020)
- **Bobcat Build** (Spring 2017 - Spring 2023)
- **Graduate Student Development** (Fall 2022 - Fall 2023)
- **MAPR Grad Student Organization**
  Founding Member (Spring 2023 - Fall 2023)
- **Students and Faculty of Color** (Spring 2023)
- **Chosen Brave Girls** (Summer 2024)

Skills

- MySQL, Python, Tableau, SPSS
- Microsoft Office Suite, Google Suite
- Curriculum Development
- Highly Organized, Detail-Oriented
- Effective Time Management
- Curriculum Development
- MySQL, Python, Tableau, SPSS
- Data Management, Data Analysis
- Technical Report Writing
- Case Management
- Crisis Intervention
- Statistical Methodologies
- CPR and First Aid Certified
- CPI and Safety Care Certified
- Effective Communication
- Critical Thinking and Judgment
- Project Prioritization, Planning, and Budgeting
- Self-Motivated