

Jessica Parker, Ph.D.

DIRECTOR, DIVISION OF EVALUATION AND APPLIED RESEARCH - Global Evaluation and Applied Research Solutions (GEARS), Inc

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WORK EXPERIENCE

DIRECTOR, DIVISION OF EVALUATION AND APPLIED RESEARCH

Global Evaluation and Applied Research Solutions (GEARS), Inc - 2011 to Present

Manage research, evaluation, behavioral health-related initiatives, training, and technical assistance projects. Assist company in providing quality research services. Ensure compliance with all IRB and FWA-related obligations. Define tasks, requirements, plans, and timelines for all tasks and functional areas, focusing on outcome, results, and on meeting scope, time, cost, and quality requirements. Coordinate research design, development, and

implementation of E-Learning curriculum pilot testing and evaluation study.

- Prepared research related manuscripts, scientific articles, posters, grant applications and budgets, and standard operating procedures and protocols.
- Presented at 2012 XIX International AIDS Conference.
- Directed multidisciplinary team of content and instructional design experts, overseeing development of project products.
- Enhanced efficiency and effectiveness of products and processes involved in managing national evaluation project of 10 grantee programs' multiple year-multiple cohort data collection and analysis, while ensuring two other concurrent projects were clearly tracked for budget, invoicing, contract compliance, and critical points of impact, sequencing and overall progress.

Policy Analyst

Independent Consulting - 2011 to 2012

Served as "go-to" person for policy analysis of enacted legislation, current proposed bills, and future legislative intent of policy areas impacting organizational objectives and goals.

SOCIAL SCIENTIST & PROGRAM EVALUATION SPECIALIST

Lockheed Martin - 2010 to 2011

Assisted scientists plan, develop, maintain, and improve evaluation and performance standards of clinical and non-clinical based studies within National Institutes of Health's 27 Institutes and Centers. Managed Government Performance and Results Act (GPRA) activities. Identified studies and trials with upcoming target performance dates. Reported performance results to Congress in white papers and online reports.

- Instrumental in providing timely analysis and evaluation of key policy and program issues for Office of the Director, Congress, and the Public.
- Improved proposed evaluation studies, ensuring the most appropriate study design and statistical methods.
- Increased efficiency of program performance, evaluation effectiveness, and health research implementation by proposed revisions to Standard Operating Procedures.

PSYCHOMETRICIAN AND STATISTICIAN

Independent Consulting - 2008 to 2011

Directed data management and statistical analysis for 4-year longitudinal National Science Foundation grant project. Performed reliability assessments and descriptive, univariate, and multivariate analyses. Led survey development. Revised sampling and survey methods, which improved implementation efforts aimed to transform undergraduate education in Science, Technology, Engineering, and Mathematics.

- Streamlined database systems that maximize clarity and project productivity.
- Recommended to serve as Statistical Consultant for three additional external research groups.
- Developed multiple data analysis and output formats accessible to groups with a range of statistical knowledge.

SOCIAL SCIENCE RESEARCHER

Independent Consulting - 2006 to 2010

Investigated complex social psychological phenomena and applied findings to 'real-life' issues facing society and relationships. Identified and resolved theoretical and methodological concerns. Developed study procedures and survey materials. Compiled statistics from paper, online, and computer-based studies. Conducted analyses of quantitative and qualitative data using SPSS, SAS, MPLUS, and Excel. Interviewed, hired, trained, and managed 15 Research Assistants. Scheduled and allocated research group laboratory space and headed monthly meetings to develop goals. Presented findings, implications, and recommendations at local and international conferences. Reviewed and critiqued research for journal publication.

- Effectively coordinated multiple concurrent tasks and requests from supervisors and colleagues in different departments.
- Successfully executed project management functions for up to 5 studies simultaneously, from inception through completion.
- Developed an independent program of research; conceptualized, conducted, analyzed, and interpreted research studies as primary intellectual force.
- Recognized by advising faculty for outstanding research, laboratory planning, and time management skills, and by department administration for exceptional data management and statistical analysis abilities.
- Designed the first-ever Willingness to Pursue Questionnaire. Generated new knowledge addressing infidelity among women.
- Implemented a new procedure for studying romantic relationships. The work has been cited and publicized by The New York Times, The Oklahoman, Stillwater NewsPress, The Oklahoman Gazette, Marie Claire Magazine, Women's Health, Men's Health, and national television outlets.

STATISTICIAN

Independent Consulting - 2009 to 2009

Collaborated with international experts and formed partnerships within the Engineering and English fields to direct data management and statistical analysis of Engineers Without Borders Simulation project. Synthesized and organized conclusions, identified and explained the most suitable approaches to research questions, and prepared written reports for international conference presentations.

RESEARCHER

Independent Consulting - 2007 to 2009

Assisted in leading data collection for state-funded Healthy Marriage Research Initiative project. Researched recruitment challenges of low-income marriage education programs. Operated physiological assessments of heart rate, skin conductance, and respiration; administered standardized tests; interviewed and discussed couples' conflict issues and communicative skill.

RESEARCH ASSISTANT/PROJECT MANAGER

Independent Consulting - 2006 to 2009

Supervised and mentored a team of up to 12 Research Assistants. Tracked progress status of Families and Schools for Health project. Ensured attainment of project goals and reported updates and findings to principle investigator. Coordinated multiple incoming paper and electronic measures among two cohorts of children, teachers, and parents. Organized and analyzed data using syntax and SPSS.

- Meticulously updated four years' of data for parents, children, and teachers, including demographic, attitude, performance, sociometric, physical, and physiological measures.
- Identified and tracked trends to test the effectiveness of interventions for obese children.

RESEARCH ASSISTANT/RESEARCH COORDINATOR

Christopher Newport University Psychology Department - 2004 to 2006

Administered measures of cognitive flexibility, theory of mind, language comprehension, working memory, and counterfactual thinking to children in various school settings. Trained new research assistants on research tasks, long-term project goals, immediate objectives, and processes.

- Directed research assistants in data collection efforts and managed successful completion of all tasks with competing resources, such as limited time frames and space.
- Wrote, submitted, designed, presented, and published both paper and poster presentations at national and international conferences.

EDUCATION

Doctorate of Philosophy in Social Psychology

Oklahoma State University - Stillwater, OK

Master of Science in Experimental Psychology

Oklahoma State University - Stillwater, OK

Bachelor of Science in Psychology

Christopher Newport University - Newport News, VA

ADDITIONAL INFORMATION

AREAS OF EXPERTISE

Persuasion & Social Influence

Stereotypes & Prejudice

Interpersonal relations

Group Dynamics

Human Behavior

Social Cognition

Social Psychology

Attitude Change

Survey Design

Sampling

Qualitative & Quantitative Methods

Program Evaluation

Statistics

Performance Measurement

Needs Assessment & Feasibility Study

Research & Development

Reliability & Validity Assessment
Behavioral Observation & Coding
Federal Budget Review
Policy Analysis
International Collaboration
Data Analytics
Predictive Modeling
Analysis of Variance
Hierarchical Linear Modeling
Descriptive & Inferential Statistics
Data Interpretation