Gregory L. Goodman, MS

*701 N. Avenida Feliz Tucson, Arizona 85745 * 520.403.9971 **

EXPERTISE

- Statistical Analysis – SPSS, Stata, JASP
- Bayesian Inference
- Evaluation of Education and Health Programs
- Qualitative Research Methods
- Database Development and Analysis
- Evaluation of Math/Science Programs (MSP)
- Parametric/Nonparametric Methods
- Within Subject/Between Subject Designs
- Survey Design & Implementation
- Evaluation Design
- Program Planning and Analysis
- Needs Testing Research

EXPERIENCE

University of Arizona SNAP-Ed Evaluation Team   *2018 - Present*
CRA, Inc. Research & Evaluation   Tucson, Arizona   *1997 - 2018*

- Data Analyst, Statewide Evaluation of Arizona's SNAP-Ed program AZ Health Zone, University of Arizona 2018 - Present
- Compliance Monitoring, Innovate Arizona Curriculum Implementation, Haury Trust Fund – University of Arizona Foundation, 2017 - 2018
- Data Analyst, Sunnyside Unified School District's Parents as Teacher Program, 2017 – 2018
- Data Analyst/Evaluator, i3 Invest in Innovation Grant, Engineering STEM Identity Project, Maricopa County Educational Service Agency (MCESA) 2014 - 2018
- Evaluator, National Science Foundation Grant, University of Arizona: Cultivating Diverse Talent in STEM 2013 - 2018
- Evaluator, National Community Health Partners, Capacity Building Assistance to Community-Based Organizations for High Impact HIV/AIDS Prevention 2016 - 2017
- Data Analyst, American Sign Language Proficiency Test (Item Analysis): University of Arizona National Center for Interpretation 2016
- Evaluator, Tucson Unified School District: Math and Science Partnerships 2006 – 2016
- Data Analyst, Language Validation Studies, Spanish Teachers: University of Arizona National Center for Interpretation 2013 –2014
- Evaluator, Tucson Unified School District: Magnet Schools Evaluation 2011 – 2014
- Data Analyst, Suicide Prevention Project, Havasupai Tribe, Arizona: 2013 - 2015
- Data Analyst, Youth to Adult Transitions Project: USDOE Native Hawaiian Education Program: Kaneohe, Hawaii 2011- 2014
- Data Analyst, Developing Literacy Skills for Cupik Eskimo Children: Chevak Eskimo School District - Bering Sea, Alaska 2011 - 2014
- Data Analyst, Project INSPIRE: Teaching American History in 14 School Districts in Oklahoma, Arkoma, Oklahoma 2011 – 2014
- Data Analyst, PADRES: A Violence Prevention Parent Training Program, Pinal Hispanic Council, Pinal County 2010 - 2013
- Data Analyst, Amistades, Inc. Substance Abuse Grant: Community Development Programs and Substance Abuse Prevention 2010 – 2013
- Data Analyst, Amistades, Inc. STOP Substance Abuse Prevention Project: Reduce Use of Alcohol and Other Drugs Among Target Groups 2010 - 2013
- Data Analyst/Evaluator, Scottsdale Unified School District: Reading Intervention Evaluation 2010 -2011
- Data Analyst, Project Uno Plus Uno: Mentoring Life Skills Training – Pinal Hispanic Council, Pinal County 2010 - 2011
- Evaluator, Central Arizona College: STEM Project (Science, Technology, Engineering and Math) 2008 - 2010
- Evaluator, Tucson Unified School District: Teaching American History Project 2008 -2010
- Evaluator, Tucson Unified School District: Smaller Learning Communities 2008-2010
- Evaluator, Tucson Unified School District: FASST Project (Family & Student Support Team) 2006 – 2010

- Evaluator, Amphitheater Unified School District: Project Todos 2007 - 2009
- Evaluator, Pima Community College: Arizona Biology Network 2007 – 2008
- Research Evaluator, Santa Cruz Valley Unified School District: Gear Up Project 2007 - 2008
- Research Evaluator, Santa Cruz Valley Unified School District: Character Counts Project 2006 - 08
- Research Evaluator, Tucson Youth Development: Community Technology Center Project 2008
- Data Analyst/Evaluator, University of Arizona Interface/Interstellar Learning Disabilities Program: 2004 & 2009
- Data Analyst, Institute for Museum and Library Services Project Evaluation: Arizona State Museum, Tucson, AZ 2007 – 2008
- Data Analyst/Evaluator, Project Safe Neighborhoods, Youth Corps of America, Tucson, AZ 2007 - 2009
- Data Analyst, Virginia Piper Grant: After School Program in the Glendale Elementary Schools, Camp Fire USA, Phoenix, AZ 2005 - 2007
- Data Analyst, Safe Neighborhoods and Gun Violence Reduction, Youth Corps of America, Tucson, AZ 2004
- Research Evaluator, Amphitheater Public Schools Programs: Project Escuela – Empowering School Counselors to Utilize Leadership Activities for Prevention, 2002 - 2005
- Research Evaluator, Amphitheater Public Schools Programs: Mentoring Project 2002 - 2007
- Data Analyst/Evaluator, University of Arizona PT3 Technology in the Classroom Program: 2001 - 02
- Focus Group Coordinator/Researcher with Behavioral Health Agency of Central Arizona: Community Sensitivity to Health Issues Study 1998
- Database Manager/Statistical Analyst: Cochise County Health Department Tobacco Use Reduction Grant 1998 - 1999
- Database Manager/Statistical Analyst: Adelante Juntos Arizona Drug Free Program for 9 Arizona Mining Communities Consortium 1998 - 2000
- Database Manager/Statistical Analyst: Luz Southside Partnership Grant, 21st Century Community Learning Centers 1998 - 2000
- Grant Writer, Pinal County School-to-Work Partnership 2001
- Grant Writer, Marana Unified School District: Federal Grant to U.S. Department of Education on 21st Century Community Learning Centers 2001
- Grant Writer, Marana Unified School District: Federal Grant to U.S. Department of Health and Human Services on Youth Violence/Suicide Prevention 2002
- Research Evaluator, FLES/La Escuela Bilingual Education Collaboration: Tucson, Amphitheater and Marana Unified School Districts 1997 - 2000
- Evaluator, Project Intervention: Alhambra Public Schools – Phoenix, Arizona 1997 - 1999
- Data Analyst, Coolidge Unified School District – Alternative to Suspension Program 2000 -2002
- Data Analyst, Tucson Unified School District Annual Desegregation Reports 1997 - 2003
- Data Analyst/Researcher, Center for Image Processing in Education (CIPE) Evaluation Reports 1997
- Research Evaluator, Pinal County School-to-Work Partnership 1997 - 2002
- Research Evaluator, Amphitheater Public Schools: 21st Century Community Learning Centers 1997 - 2004
- Research Evaluator, Tucson Unified School District Even Start Early Childhood Education Program 1997
- Research Evaluator, Sunnyside School District Even Start Early Childhood Education Program 1997
- Research Evaluator, Pima/Santa Cruz County Tech Prep Consortium 1997 - 2000
- Research Evaluator, Pimeria Alta, Inc. Charter School (Nogales, Arizona): Title VII Bilingual Education Project 1997 - 2001
- Research Evaluator, Pimeria Alta, Inc. Charter School (Nogales, Arizona): Title VII Systemwide School Improvement Grant 1997 - 2001
- Statistical Analyst, Pima County Summer Youth Employment Program 1997
- Researcher for the Pima/Santa Cruz Counties School-to-Work Partnership on the Influence of School-to Work in Charter Schools 1997

- Statistical Procedures for the Social Sciences (SPSS) Trainer for Educational Administrators in Pinal County 1997 - 1999
- Tutored Statistics for Northern Arizona University Graduate Student in Cooperation with the Arizona Department of Economic Security Rehabilitation Services Administration 1999

FINANCIAL AID ADMINISTRATOR   **1996**
John A. Logan College   *Carbondale, Illinois*

- Calculation of student loans/federal and state grant programs to determine financial aid eligibility
- Utilization of Title IV WAN computer program and Electronic Data Exchange (EDE) software with U.S. Department of Education
- Student verification and documentation on college mainframe computer system

RESEARCH ASSISTANT   **1995 - 1996**
Southern Illinois University   *Carbondale, Illinois*

- Sort, organize and enter data utilizing Statistical Analysis System (SAS) on mainframe
- Create tables and charts for presentation of data analysis and entry for survey questionnaires utilizing Quattro Pro software
- Writing narratives to describe methodology and data analysis
- Conduct content analysis

EDUCATION

MASTER OF SCIENCE IN EDUCATIONAL ADMINISTRATION/ HIGHER EDUCATION   **1997**
Southern Illinois University   *Carbondale, Illinois*

Thesis: Quantitative Research of Community College Students on Academic Probation

BACHELOR OF ARTS IN POLITICAL SCIENCE   **1994**
University of Arizona   *Tucson, Arizona*

PROFESSIONAL SKILLS

Proficient in the following areas/software programs:
- Statistical Analysis: Statistical Package for the Social Sciences (SPSS), Stata, JASP
- Frequentist Statistics, Bayesian Inference
- Microsoft Excel
- Microsoft Word
- Title IV WAN Computer Program and Electronic Data Exchange (EDE) Software with U.S. Department of Education
- Even Start Performance Information Reporting Systems (ESPIRS) Software
- Statistical Analyst of Doctoral Dissertations (University of Arizona, Northern Arizona University, Walden University)
- SPSS Instructor for Educational Administrators
- Database/Information Systems Coordinator
- Grant Writer (Evaluation Sections)

REPORTS

Orzech, K. M., LeGros, T. A., Jacobs, L., Goodman, G., & Lang, R. (2023). Evaluating Physical Activity Resources to Support Health Equity in Arizona. The Journal of Extension, 61(3), Article 7. https://doi.org/10.34068/joe.61.03.07

LeGros TA, Jacobs LE, Goodman GL, Orzech KM & Holmes E. (2020). A systems approach helps explain significant improvements in local wellness policies among SNAP-Ed-supported school districts. *Journal of Nutrition Education and Behavior,* 52, 766-774.

Jacobs L, Orzech K, Goodman G, LeGros T, Martinez S. (2020). Understanding factors that support well-functioning community coalitions. *Journal of Extension*, 58, rb1.

Lahti M, Evans C, Goodman G, Cranwell-Schmidt M, LeCroy C. (2019). Parents as Teachers (PAT) home-visiting intervention: A path to improved academic outcomes, school behavior, and parenting skills. Children and Youth Services Review, 99, 451-460. ISSN 0190-7409.

Goodman, G. (2010). TUSD K – 8 Intel Math Project. Tucson Unified School District. In February, 2014 Abt Associates identified this report as having implemented rigorous research methods that yielded scientifically valid results, meeting the Math & Science Program's (MSP) standards for reporting on rigorous evaluations.

Goodman, G. (2008). Project TIME: Teacher Improvement through Math Education. Tucson Unified School District. In February, 2014 Abt Associates identified this report as having implemented rigorous research methods that yielded scientifically valid results, meeting the Math & Science Program's (MSP) standards for reporting on rigorous evaluations.

Goodman, G. (1999). The Reading Renaissance/Accelerated Reader Program as Implemented by Gardner Middle School in San Manuel, Arizona. Creative Research Associates, Inc. January, 1999. (ERIC Document Reproduction Service No. ED 427 299)

Goodman, G. (1998). An Analysis of School-to-Work Implementation in Selected Charter Schools: A Research Report. Creative Research Associates, Inc. January, 1998. (ERIC Document Reproduction Service No. CG 029 144)

Goodman, G. (1998). Health Careers 2000: A School-to-Work Program in Pinal County, Arizona. Creative Research Associates, Inc. January, 1998. (ERIC Document Reproduction Service No. ED 428 319)

Goodman, G. & Powers, S. (1997). Pima County Summer Youth Employment Program: A Statistical Analysis. Creative Research Associates, Inc. November, 1997. (ERIC Document Reproduction Service No. ED 417 362)

EDUCATIONAL ORGANIZATIONS/ACTIVITIES

Arizona Educational Research Organization (AERO)
Pi Sigma Alpha Political Science Honor Society
University of Arizona Honors Program
Golden Key National Honor Society

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