

HEST COLLEGE FACULTY AVAILABLE FOR RESEARCH COLLABORATION



SARAH WIEGAND

swiegand@nmsu.edu

Primary Research Interests: Part C Early Intervention (Personnel Preparation, Best Practices, Equity), Autism (Autism Conversations with Families, Early Identification/Screening, Strengths-Based Approaches), Professional Development

Has experience in: Survey Development and Analysis, General Linear Models

MIKE KALKBRENNER

mkalk001@nmsu.edu

Primary Research Interests: two major themes including, 1. Measurement and evaluation of dimensions of integrated mental and physical wellness and 2. Psychometrics and college student mental health.

Has experience in: quantitative, qualitative, and mixed-methods research paradigms, with an emphasis on quantitative methodology in psychometrics and other multivariate statistical analyses



LARISSA TRUE

Ltrue@nmsu.edu

Primary Research Interests: Promotion of lifespan physical activity and motor development in the context of health-related correlates including genetic variants associated with movement, perceived competence, environmental characteristics, physical fitness, obesity.

Has experience in: Basic quantitative inferential statistics, ANOVA, regression, moderation/mediation analyses, willingness to collaborate with others.

HEATHER HARPER

drharper@nmsu.edu

Primary Research Interests: Policy design, political contention, and public financing across domains including gender equity, taxation, immigration, environmental technology, and public health.

Has experience in: Text analysis (topic modeling, text regression, classification, embeddings), machine learning, regression modeling, structural equation modeling, survey design, and network analysis.



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BLAKE RAFFERTY

mbraff@nmsu.edu

Primary Research Interests: Neurobiology of speech & language in healthy adults and individuals with communication disorders resulting from stroke and neurodegenerative disease

Has experience in: Mixed-effects modelling, time-series analysis/signal processing, machine learning, natural language processing

MINDY HEBERT-DEROUEN

mhd@nmsu.edu

Primary Research Interests: Health inequities, structural and social determinants of health, multilevel/complex etiology of cancer, cancer and mortality outcomes

Has experience in: Epidemiologic study design and analytic approaches, multilevel analyses, administrative (EHR) data, cancer registry data, area-level data, causal inference, mixed-methods community based research



MICHELE BANNER

mbanner@nmsu.edu

Primary Research Interests: Serving marginalized, disenfranchised populations across public health, socioeconomic, and education domains; health disparities; mental health/substance use education and stigma reduction; guaranteed basic income.

Has experience in: Quantitative and qualitative methods and analyses, program evaluation, culturally and linguistically appropriate methods, needs assessment, survey construction, proposal writing, IRB matters, program implementation, grant and contract management, social psychology, cognitive psychology.

SAMANTHA ESTRADA

sestrada@nmsu.edu

Primary Research Interests: scholarship of teaching and learning statistics, consulting in education, psychology and/or public health survey research

Has experience in: psychometrics (factor analysis, Rasch analysis, structural equation modeling), logistic regression, regression, national datasets, social network analysis, latent class analysis



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TONI ROUHANA

trouhana@nmsu.edu

Primary Research Interests: Mixed-methods approaches to studying conflict and identity formation and transformation.

Has experience in: Supervised and unsupervised machine learning models, survey research, and statistical analysis and visualization in R and Python.

STEPHANIE ARNETT

sarnett@nmsu.edu

Primary Research Interests: Sociology of Education, student identity development in STEM, the role of social capital and belonging in shaping academic outcomes, and cross-national comparative education (with a Latin American focus).

Has experience in: Quantitative survey design and analysis, longitudinal research design, mixed-methods research design, interdisciplinary team-based research



MARSHALL TAYLOR

mtaylor2@nmsu.edu

Primary Research Interests: Sociology of culture and cognition, computational social science

Has experience in: Natural language processing, machine learning (especially with text data), social network analysis, data visualization, statistical modeling with social survey and text data, digital survey experiments