

Richard N. Wood PhD
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Education

Doctor of Philosophy Organizational Communication – Public Policy Applied Research Design and Statistics	University of Arizona	Degree Date: December 1978
Master of Arts Organizational Behavior & Communication	Arizona State University	May 1973
Bachelor of Arts Communication – Psychology	Arizona State University	June 1970

Academic Experience

University of Arizona 2010-Present

Norton School of Family & Consumer Sciences

Undergraduate Statistics and Research Methods Coordinator & Lecturer

Dr. Wood has developed innovative class room curricula that engage students in the process of research design and subsequent statistical analysis of applied behavioral and social science data. Both of these courses are required classes for undergraduates majoring in Family Studies and Consumer Sciences. In addition he is responsible for training and monitoring advanced doctoral students for teaching research methods and statistics to ensure consistency and quality across the sections. Dr. Wood has developed a course in Critical Thinking and Rhetoric which is a core undergraduate requirement. He is responsible for coordinating multiple sections of these classes taught by other senior faculty and Graduate Teach Assistants.

Arizona State University School of Social Work

2000-2010

Adjunct Instructor

Dr. Wood has served as a Research Methods and Statistics lecture and adjunct instructor for the Arizona State University School of Social Work. He has developed courses in graduate level research methods as well as practice oriented research and best practice research. He has been with ASU for the past 9 years, and continues to teach at the present time. Prior to ASU he taught at the University of Phoenix for over 20 years. In addition Dr. Wood has served on dissertation committees at the University of Arizona in the Psychology Department and Family Studies programs. He has served on 3 PhD committees and numerous masters level thesis committees at ASU and the University of Phoenix.

Work Experience

Pima Prevention Partnership, Tucson, Arizona

2006-Present

Research Analyst – Sr. Researcher and Statistician

Most recently provided all analytical data analysis for FY2015 Regional Needs Assessment and FY 2015 and FY 2016 Substance Abuse Strategic Plan. This document was written for Arizona Department of Health as an Epidemiological profile for Maricopa County on behalf of Mercy Maricopa Integrated Care. Focus of the analysis was substance abuse and suicide.

Responsibilities include; serving as an "in house" consultant on design and analysis of complex multivariate qualitative and quantitative data. Provide statistical analyses including but not limited to; simple regression, multiple regression, time series analysis and projection, GLM-MANOVA, covariate analysis, t/z tests, hierarchical linear modeling. The non parametric statistical techniques he as applied to "real world" data include Logistic Regression and Probit analysis as well as Bayesian decision making, bootstrapping, and simple Chi Square Analysis. Develop algorithms for application to single subject designs with sample data as small as n = 1 with multiple measures. These include randomized designs, bootstrapping and simple graphic display of trends coupled with calculation of the slope and celeration lines. Primary responsibility for maintenance and analysis of Governor's Office of Highway Safety "Pasa Las Llaves" longitudinal data including DUI arrests, warrants, crash data, and fatalities as well as periodic survey data. Coordinated on going data collection and analysis for SPF SIG outcome and NOM analysis. Data sets included; ADOT crash statistics, ACJC AYS data, Department of Education dropout and suspension data, Department of Health hospital admittance data, Department of Transportation crash data, DPS UCR data. On going

analysis of JOLTS juvenile arrest data for two OJJDP grants. Assist writing methodology and analysis components of numerous federal and state grants.

**Applied Behavioral Health Policy
Research Associate – Statistician**

2004-2006

Responsibilities include; Internal research design and statistical consultant. Primary analysis responsibility for Project MATCH (Systems of Care) as well as Homeless Families data. Both projects are five year longitudinal studies funded through U.S. Department of Health and Human Services; Public Health Services, Substance Abuse and Mental Health Services Administration – Center for Mental Health Services(CMHS) and Center for Substance Abuse Treatment (CSAT). Research and write federal grants in the area of behavioral health and criminal justice.

**LeCroy & Milligan
Evaluation Associate**

2003-2004

Team leader for comprehensive evaluation projects including: evaluation design, measurement, data collection and statistical analysis. In addition I serve as a resource to other team leaders and evaluation staff in all areas of evaluation and Technical Assistance.

**Pima County Juvenile Court Center
Interim Director**

2001-2003

Administer all court operations; juvenile probation, detention, and dependency matters. Primary responsibility for all budget and financial operations. Insure that all functions of the court are in compliance with state statutes as well as administrative orders issued by the Supreme Court of the State of Arizona. Worked extensively with the Supreme Court on Juvenile issues.

**Pima County Juvenile Court Center
Research & Evaluation Manger**

1994-2001

Responsible for all phases of program evaluation design management and analysis of juvenile justice programs. This required extensive knowledge of program evaluation, research methods, as well as quantitative and qualitative analysis techniques. The projects included determining risk factors and predictor variables of juvenile deviant behavior (statewide Risk Needs project). Conducted program evaluation research to determine the effectiveness of juvenile prevention and treatment programs (Community Supervision). Provide delinquency and dependency statistics to managers, judges, and the Administrative Office of the Court. This required knowledge and use of local and statewide JOLTS data. Compose and monitor research RFP's. For example, I am wrote the RFP and directed the search and hiring of a consultant to conduct a comprehensive evaluation of probation and probation services. This includes evaluation of prevention providers as well as treatment providers. (Grant funds for this project were \$175,000). Responsible for all phases of operations research including stochastic discrete event simulation modeling of court processes. Recently completed research that resulted in a regression model that can be used to predict court-hearing time necessary to process dependency cases. The regression model predicted 32 % of the variance in total hearing time as a result of 6 independent variables that were significant < .05. Conduct trend analysis to determine future referral rate and need for detention space. Supervise graduate students who are serving internships, completing class projects, or conducting research. Prepare technical reports as well as writing grants. Procured approximately \$1,000,000 in grant funds during the last four years. Conducted a longitudinal study of sex offenders from juvenile onset of deviant behavior and its association with adult deviant sexual behavior. This study is in conjunction with Dr. Judith Becker of the Psychology Department at the University of Arizona

MOST RECENT Papers & Presentations – Other publications prior to 1998 are not included

Wood, R.N., Kiesling, J. and Kelly M. E. (2015). The Little Book: A Beginners Guide to Finding Your Rhetorical Voice. 1st Ed. San Diego Cal. Cognella Academic Publishing.

Wood, R.N. and Frances, J. "The Z-Kids: What Happens to Individual Clients Over Time? Outcomes with Clinical, Program and Evaluation Salienc" Paper presented to National Evaluation Association Annual Conference. San Antonio, Texas. November 11, 2010.

Frances, J., Wood, R.N., and Jones, K. "Juvenile Justice Involved Adolescents in Outpatient Substance Abuse Treatment in the U.S.- Mexico Border States: Differences by Gender and Latino Ethnicity at Entry to Programs". Poster Session, National Institute on Drug Abuse (National Institute of Health) Spring Conference. Albuquerque, New Mexico, April 2010.

Wood, R.N. "The Z-Kids: What Happens to Individual Clients Over Time? A Method to Measure Significant Change Per Individual Client". Poster Session hand out, National Institute on Drug Abuse (National Institute of Health) Spring Conference. Albuquerque, New Mexico, April 2010.

Wood, Richard N. "Underage Drinking Report" Final report to the Governors Office of Children Youth and Families, Phoenix Arizona, September 2008.

Wood, Richard N.. "Pasa Las Llavas Evaluation Results" Final report and presentation to the national Highway Traffic Safety Administration. Washington D.C. August, 2008.

Wood, Richard N. "Generating 'Treatment –as-Usual' Control Groups for Program Evaluation". Paper presented at the Arizona Evaluation Spring Conference. April 27th & 28th 2000 Tucson Arizona.

Wood, Richard N. "Report of Results: Cultural Competency Survey, Pima County Juvenile Court. March 1999. Tucson Arizona.

Wood, Richard N. "Proposal for an Outcome Based Employee Evaluation System For The Superior Courts in Pima County". Paper presented to the Human Resources Coordinating Council Pima County Superior Court December 1998.