

Denna L. Wheeler
OSU-CHS Center for Rural Health
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Education

Ph.D. in Educational Psychology with emphasis in Research and Evaluation
Oklahoma State University, Stillwater, OK, July, 2007.

Dissertation: The Development and Construct Validation of the Epistemological Beliefs Survey for Mathematics.

M.Ed. in Counseling, University of Arkansas, Fayetteville, AR, May, 1993.

Graduate coursework in mathematics, University of Louisville, KY, 1985 to 1986.

B.S. in Mathematics, University of Oklahoma, Norman, OK, December 1984.

Undergraduate coursework toward B.S. in mathematics, University of Tulsa, OK,
August 1980 to May 1983.

Experience

Coordinator of Research and Evaluation

Oklahoma State University Center for Health Sciences
Center for Rural Health
Tulsa, OK
May 2009 to present

Duties include development of research projects related to rural health policy and practice and program evaluation related to rural health clinical training for medical students.

Adjunct Assistant Professor

Oklahoma State University School of Educational Studies
Tulsa, OK
August 2007 to present

Courses taught include REMS 6003, ANOVA and REMS 6013, Multiple Regression

Teaching Experience, cont'd.

Mathematics Instructor

Connors State College

Warner, OK

January, 1996 to May, 2009

Courses taught include the Developmental Mathematics Sequence, College Algebra, Trigonometry, Math Structures, Modeling: Geometry and Measurement, Elementary Statistics, and Business Statistics.

Lecturer and Learning Lab Instructor

University of Arkansas

Fayetteville, AR

August, 1990 to May, 1993

Duties included teaching sections of developmental mathematics in both lab and lecture formats and conducting learning skill seminars.

Teacher of Mathematics

Jefferson County Public Schools

Louisville, KY

August 1985 to June 1987

Teacher of Mathematics

Longfellow Middle School

Norman, OK

August, 1984 to May, 1985

Honors and Awards

OACC G.I.F.T. (Great Ideas for Teaching) Award Winner, 2007

Connors State College 2004 Faculty Member of the Year

Delta Kappa Gamma Society International Scholarship Winner 2005

Phi Kappa Phi Honor Society Member, 2003 to present

Who's Who Among America's Teachers, 2004-2005

External Funding Awards

Robert Wood Johnson Foundation New Connections Grant, \$75,000

Project Description: The efficacy of telemedicine in the provision of mental health services to children, adolescents, and families in rural areas.

November 1, 2010 through October 31, 2012.

Publications

- Wheeler, D.L.** & Barnes, L.L.B. (in review). The development and construct validation of the Epistemological Beliefs Survey for Mathematics. *Educational Psychology*.
- Wheeler, D.L.**, Vassar, M., & Hale, W.D. (2011) A Gender-based Measurement Invariance Study of the Sociocultural Attitudes Toward Appearance Questionnaire-3. *Body Image*, 8, 168-172.
- Wheeler, D. L.**, Vassar, M., Worley, J. A., & Barnes, L.L.B. (2011). A meta-analysis of coefficient alpha for the Maslach Burnout Inventory. *Educational and Psychological Measurement*, 71, 231-244
- Vassar, M., **Wheeler, D.L.**, Davison, M., & Franklin, J. (2010). Program evaluation in medical education: An overview of the Utilization-focused approach. *Journal of Educational Evaluation for Health Professions*, 7(1).
- Wheeler, D.L.**, & Montgomery, D. (2009). Community college students' views on learning mathematics in terms of their epistemological beliefs: A Q-method study. *Educational Studies in Mathematics*, 72, 289-306.
- Vassar, M., **Wheeler, D. L.**, & Worley, J. A. (2009). Score reliability in personality research. In L B. Palfroft, & M. V. Lopez (Eds.), *Personality assessment: New research*. Hauppauge, NY: Nova Science Publishers.
- Worley, J.A., Vassar, M., **Wheeler, D.L.**, & Barnes, L.L.B. (2008). Factor structure of scores from the Maslach Burnout Inventory: A review and meta-analysis of 45 exploratory factor- analytic studies. *Educational and Psychological Measurement*, 68, 797-823.

Presentations

- Wheeler, D.L.**, & Franklin, J. (2011, April). Applied program evaluation: The efficacy of an alternative admissions program. Paper presented to the American Association of Colleges of Osteopathic Medicine Annual Meeting, Baltimore, MD.
- Davison, M., Franklin, J., Vassar, M., & **Wheeler, D.L.** (2011, April). Introduction to program evaluation for interprofessional education. Paper presented to the American Association of Colleges of Osteopathic Medicine Annual Meeting, Baltimore, MD.

Presentations, cont'd.

- Wheeler, D.L.** (2010, September) Gender and generational issues related to physician recruitment and retention. Paper presented at the Rural Health Association of Oklahoma Annual Meeting, Norman, OK.
- Wheeler, D.L.**, Vassar, M., & Hale, W.D. (2010, May) A gender-based measurement invariance study of the Sociocultural Attitudes Toward Appearance Questionnaire-3. Paper presented at the American Educational Research Association Annual Meeting, Denver, CO.
- Davison, M, Franklin, J., Vassar, M., & **Wheeler, D.L.** (2010, April) Effective methods of program evaluation in medical education. Workshop presented at the Southern Group on Educational Affairs Annual Meeting, Oklahoma City, OK.
- Wheeler, D.L.**, & Vassar, M. (2010, February) Computing and interpreting odds ratio and relative risk in medical research. Paper presented at Oklahoma State University Center for Health Sciences Research Day, Tulsa, OK.
- Wheeler, D.L.**, & Vassar, M. (2009, April). Hierarchical factor structures in the social sciences: Demonstrations of exploratory and confirmatory factor analytic approaches. Paper presented at the American Educational Research Association Annual Meeting, San Diego, CA.
- Wheeler, D. L.**, Worley, J. A., Vassar, M., & Barnes, L. B. (2008, March). The meta-analysis of coefficient alpha: An example using the Maslach Burnout Inventory. Paper presented at the American Educational Research Association Annual Meeting, New York, NY.
- Vassar, M., **Wheeler, D.L.**, Barnes, L.L. B., & Worley, J. (2007, April). The meta-analysis of factor analytic studies: An example using the Maslach Burnout Inventory. Paper presented at the American Educational Research Association Annual Meeting, Chicago, IL.
- Wheeler, D.** (2007, March). Engaging students in elementary statistics. Poster presentation at the Oklahoma Association of Community Colleges Annual Meeting, Oklahoma City, OK.
- Wheeler, D.L.** (2005, November). Community college students' views on learning mathematics: A Q-method perspective. Paper presented at the Oklahoma Association for Institutional Research and Planning, Tulsa, OK.
- Wheeler, D.L.** (2005, January). *Diet, Learning, and Behavior: An Introduction to the Feingold Program*. Seminar presented at the Connors State College Seminar Day for Nursing Students, Muskogee, OK.

Wheeler, D.L. (2003, October). *Diet, Learning, and, Behavior: An Introduction to the Feingold Program*. Seminar presented at the annual and Phi Theta Kappa Honor Society Fall Leadership Conference, Muskogee, OK.

Manuscripts in Development

Vassar, M., **Wheeler, D.L.** Barnes, L.L.B., Hellman, C., Mwavita, M, Campbell, C., et al. (in development). Logistic regression analysis in medical education: An example study using best practices.

Wheeler, D.L., & Vassar, M. (in development). Hierarchical factor structures in the social sciences: Demonstrations of exploratory and confirmatory factor analytic approaches.

Memberships

Native Research Network
National Rural Health Association
American Evaluation Association
American Educational Research Association
Delta Kappa Gamma Society International
American Psychological Association Division 5
Feingold Association of the United States