

Denna L. Wheeler  
OSU-CHS Center for Rural Health  
1111 W. 17<sup>th</sup> St., Tulsa OK 74107  
918.584.4323  
denna.wheeler@okstate.edu

## 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

**Data Analyst**, Center for Rural Health, Oklahoma State University-Center for Health Sciences, Tulsa, OK, May, 2009 to present.

**Instructor**, Oklahoma State University, Tulsa, OK, August 2007 to present.

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

**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.

## Teaching Experience, cont'd.

**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, 1985 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

## Memberships

American Educational Research Association  
Delta Kappa Gamma Society International  
American Psychological Association Division 5  
Feingold Association of the United States

## Presentations

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.

## Presentations, cont'd.

- Vassar, M., Wheeler, D., 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.

## Publications

- Wheeler, D. L., Vassar, M., Worley, J. A., & Barnes, L.L.B. (in review). A meta-analysis of coefficient alpha for the Maslach Burnout Inventory. *Psychological Assessment*.
- Wheeler, D.L., & Montgomery, D. (in press). Community college students' views on learning mathematics in terms of their epistemological beliefs: A Q-method study. *Educational Studies in Mathematics*.
- Vassar, M., Wheeler, D. L., & Worley, J. A. (in press). Score reliability in personality research. In L B. Palcroft, & M. V. Lopez (Eds.), *Personality assessment: New research*. Hauppauge, NY: Nova Science Publishers.

### **Publications, cont'd.**

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.

### **Manuscripts under Development**

Wheeler, D., & Barnes, L. L. B. (in development). The development and construct validation of the Epistemological Beliefs Survey for Mathematics.

Barnes, L.L.B., Wheeler, D.L., Worley, J.A., & Vassar, M. (in development). The meta-analysis of coefficient alpha: issues and assumptions in analysis.

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