PAUL MUSE RITTER
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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN
Doctor of Philosophy, Educational Psychology, May 2008
Concentration: Quantitative Methods
Master of Science Statistics, May 1998
UNIVERSITY OF CENTRAL FLORIDA, Orlando, FL.
Bachelor of Arts, Sociology, April 1984
Bachelor of Science, Mathematics, August 1988

EXPERIENCE

SOUTHWESTERN UNIVERSITY, Georgetown, TX
Adjunct Professor
TEXAS STATE UNIVERSITY, San Marcos, TX
Lecturer
UNIVERSITY OF TEXAS AT AUSTIN
Assistant Instructor
Teaching Assistant
SYLVAN AT WORK, MOTOROLA AUSTIN
Instructor
TRI, Austin, TX
Statistical Consultant
FLORIDA AGRICULTURAL STATISTICS SERVICE, Orlando, FL
Statistician II

OCCUPATIONAL FUNCTIONS

Teaching:

- Undergraduate and graduate statistics courses, psychology department
- SPSS computer lab for a graduate-level experimental design course
- Introductory statistics
- Elementary functions
- Coordinate geometry
- Foundations of geometry
- Probability
- Algebra
- Recitation sections: calculus I, calculus II, business calculus and honors engineering calculus
- Prepared Motorola employees for GED and TASP examinations. Tutored employees in college algebra, calculus and physics.

Statistician:

Worked on a statistical survey that forecasted the size of the Florida citrus crop in millions of boxes before harvest

Consulting:

Applied statistical methods to geo-synthetic materials testing

COURSEWORK

undergraduate:

- Fundamentals of probability/statistics
- Analytic Geometry
- Calculus I
- Calculus II
- Calculus IIII
- Introduction to Computer Science
- Programming I
- Logic/Proof Mathematics
- Programming II
- Differential Equations I
- Vector and Tensor Analysis
- Applied Boundary Value Problems I
- Statistical Theory I
- Statistical Theory II
- Applied Boundary Value Problems II
- Linear Algebra
- Matrices
- Numeric Calculus
- Real Analysis
- Laplace and Fourier Transforms

graduate:

- Quality Assurance
- Mathematical Statistics I
- Regression Analysis
- Mathematical Statistics II
- Analysis of Variance and Design of Experiments I
- Analysis of Variance and Design of Experiments II
- Numeric Analysis/Linear Algebra
- Statistical Computing
- Multivariate Statistical Analysis
- Time Series Analysis
- Factor Analysis
- Measurement and Evaluation
- Psychometric Theory and Methods
- Applied Psychometrics
- Hierarchical Linear Modeling
- Bayesian Statistics
- Sampling
- Linear Models