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Education

2002	Ph.D., Mathematics Education, North Carolina State University
	• Dissertation: *An International Study of Abilities in Statistics for Advanced Mathematics and Science Students*
	• Advisor: Lee V. Stiff, PhD
1996	M.S., Mathematics Education, North Carolina State University
	• Thesis: *A Comparison of Two Methods of Teaching Parametric Equations*
	• Advisor: Lee V. Stiff, Ph.D.
1989	B. S., Mathematics Education, North Carolina State University

Experience

1997–present	SAS Institute Inc.
	• Lead documentation writer, JMP Statistical Discovery Software
	• Mathematics Specialist, SAS inSchool
1996-1998	Teaching, North Carolina State University
	• Contemporary Mathematics (MA 103)
	• Algebra (MA 101)
1990-1996	Teaching, Cary High School
	• Department Head
	• Calculus, Statistics, Trigonometry, Algebra, Pre-Algebra

Presentations and Invited Lectures

2000	*Classical Geometry and Statistical Variability.* North Carolina Council of Teachers of Mathematics Conference, Greensboro NC
2001	*The Importance of Graphics in Statistics Education.* Teaching Contemporary Mathematics Conference, North Carolina School of Science and Mathematics, Durham, NC

Books

Sall, J. , Creighton, L., & Lehman, A. (2004). *JMP Start Statistics: A Guide to Statistics and Data Analysis.* 3rd Edition, Duxbury Press.

Freund, R., Littell, R., & Creighton, L. (2003). *Regression With JMP.* John Wiley & Sons.

Papers, Supplements, and Newsletter Articles

Creighton, L. (2004) *JMP Technology Manual* for Peck, Olsen, and Devore's Statistics. Duxbury Press.

Jones, B. and Creighton, L. (2003) Using Neural Networks to Model Response Surface Designs. *Scientific Computing and Instrumentation.* April, 2003, pp. 28-31.

Creighton, L. (2003) Predicting Patterns in Child Genders. *JMPer Cable* Newsletter, Issue 12

Creighton, L.(2002) *Assessing Random Numbers in JMP.* White Paper, SAS Institute, Inc.

Creighton, L. & Ding, J. (2002) *Assessing the Numerical Accuracy of JMP.* White Paper, SAS Institute, Inc.

Creighton, L. (2002) Exploring Lack-of-Fit. *JMPer Cable Newsletter*, Issue 9.

Creighton, L. (2001) Trigonometric Regression. *JMPer Cable Newsletter*, Issue 8.

Creighton, L. (2000) Technology Supplement (4 chapters) to accompany *Algebra II* by Larson, Kanold, and Stiff: McDougal-Littell.

Creighton, L. (2000) Answer Key (3 chapters) to accompany *Geometry* by Larson, Kanold, and Stiff: McDougal-Littell

Honors and Awards

1992	Western Wake County Educator of the Year
1996	Elected to Phi Kappa Phi Academic Honor Society
2004	Distinguished Technical Writing Award ftom the Society for Technical Communication for *Regression with JMP*
2005	Excellence in Tecchnical Writing Award for *JMP Start Statistics*, 3rd edition

Professional Memberships

American Statistical Association

National Council of Teachers of Mathematics

Research Interests

Pedogogy in Statistics Education, Educational Measurement, and Psychometrics