

GEORGE MASON UNIVERSITY
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT
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ANGELA D. MILLER

EDUCATION

2006 University of Missouri-Kansas City Kansas City, MO
Ph.D. – Educational Research / Statistics
▪ Chair: Dr. Tamera Murdock, Dept. of Psychology
▪ Co-Chair: Dr. Jie Chen, Dept. of Mathematics & Statistics
Multi-Manuscript Dissertation Title: *The Role of the Teacher in Achievement Motivation: Methodological and Statistical Issues*

2001 University of Missouri-Kansas City Kansas City, MO
M.A. – Educational Research & Psychology

1997 University of Kansas Lawrence, KS
Graduate Teaching Certification Program – French / Mathematics

1995 University of Kansas Lawrence, KS
M.A. – French Language & Literature

1991 University of Kansas Lawrence, KS
B.A. – French / Economics

PROFESSIONAL EXPERIENCE

2012- present George Mason University Fairfax, VA
Assistant Professor
Division of Educational Psychology, Research Methods, & Education Policy

2008- 2012 University of Kansas Life Span Institute Lawrence, KS
Research Assistant Professor / Statistical Specialist
Research Design and Analysis Unit

2010 spring University of Kansas Lawrence, KS
Adjunct Lecturer in Statistics
Department of Psychology and Research in Education

2009--2011 University of Missouri-Kansas City Kansas City, MO
Adjunct Lecturer in Statistics and Research Design
Department of Psychology

2006- 2008	University of Kentucky	Lexington, KY
	<i>Assistant Professor</i>	
	Department of Educational, School, & Counseling Psychology	
2004- 2006	University of Missouri – Kansas City	Kansas City, MO
	<i>Visiting Assistant Professor</i>	
	Department of Educational & Counseling Psychology	
2003-2004	University of Missouri—Kansas City	Kansas City, MO
	<i>Graduate Teaching Assistant</i>	
	Department of Psychology	
2002- 2004	University of Missouri – Kansas City	Kansas City, MO
	<i>Adjunct Faculty</i>	
	Department of Educational & Counseling Psychology	
1998- 2004	North Kansas City School District	Kansas City, MO
	<i>Secondary Teacher – French / Mathematics</i>	
	Department Chair, Modern Languages	
1997-1998	Plano Independent School District	Plano, TX
	<i>Secondary Teacher – French</i>	
1992-1997	University of Kansas	Lawrence, KS
	<i>Graduate Teaching Assistant/ Supervisor</i>	
	Instructor of Undergraduate French Language Courses	
	Coordinator of Graduate Teaching Assistants	

REFEREED PUBLICATIONS

Methodologist

- Salley, B.J., **Miller, A.D.**, & Bell, M.A. (2013). Associations between temperament and social responsiveness in young children. *Infant and Child Development*, 22, 270-288. doi: 10.1002/icd.1785
- Abbott, M., Wills, H., **Miller, A. D.**, & Kaufman, J. (2012). The relationship of error rate and comprehension in second and third grade oral reading fluency. *Reading Psychology*, 33, 104-132.
- Hanson, M.J., **Miller, A.D.**, Diamond, K., Odom, S. Lieber, J., Butera, G, Horn, E., Palmer, S., & Fleming, K. (2010). Neighborhood community risk influences on preschool children’s development and school readiness. *Infants & Young Children*, 24, 87-100
- Rostosky, S.S., Riggle, E. D. B., Horne, S. G., & **Miller, A. D.** (2009). Marriage amendments and psychological distress in lesbian, gay, and bisexual adults. *Journal of Counseling Psychology*, 56, 56-66.

Substantive Area & Methodologist

- Miller, A. D.** & Murdock, T. B. (2007). Modeling latent true scores to determine the utility of aggregate student perceptions as classroom indicators in HLM: The case of classroom goal structures. *Contemporary Educational Psychology*, 32, 83-104.

- Murdock T. B., **Miller, A. D.**, & Goetzinger, A. (2007). Effects of classroom context on university students' judgments about cheating: Mediating and moderating processes. *Social Psychology of Education, 10*, 141-169.
- Murdock T. B., **Miller, A.**, & Kohlhardt, J. (2004). Effects of classroom context variables on high school students' judgments of the acceptability and likelihood of cheating. *Journal of Educational Psychology, 96*, 765-777.
- Murdock, T. B. & **Miller, A.** (2003). Teachers as sources of middle school students' motivational identity: Variable-centered and person-centered analytic approaches. *Elementary School Journal, 104*, 383-399.

INVITED BOOK CHAPTERS

- Hjalmarson, M. & **Miller, A.D.** (submitted). Linking Motivation and Design: Why do I want to Finish this MOOC? In Kelly, A. E. & Seppela, M. (Eds.) *Online Calculus Learning & Big Data* (working title).
- Murdock, T.B. & **Miller, A. D.** (2009). Issues in the use of multilevel modeling to examine the effects of classroom context. In M. Wosnitza, S.A. Karabenick, A. Efklides, & P. Nenniger (Eds.). *Contemporary Motivation Research: From Global to Local Perspectives*. Cambridge, MA: Hogrefe.
- Miller, A. D.**, Murdock, T. B., Anderman, E. M., & Poindexter, A. L. (2007). Who are all these cheaters? Characteristics of academically dishonest students. In E. M. Anderman & T. B. Murdock (Eds.) *Psychological Perspectives on Academic Cheating*. San Diego, CA: Elsevier.

PRESENTATIONS

- Miller, A.D.** (2013, April.) *Goals and cheating history: An application of the state multipole method of analysis of Likert scales*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Miller, A.D.** & Murdock, T. B. (2013, April). *The cost of cheating: Does perceived punishment predict academic dishonesty?* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Miller, A. D.**, Erwin, H., Abel, M., & Beighle, A. (2008, March). *Making math move: The Influence of integrated physical activity on elementary students' math motivation*. Poster presented at the annual meeting of the American Educational Research Association, New York, NY.
- Miller, A. D.** (2007, September). *Perceptions matter – Convergence and divergence of teacher, student and observer reports in measuring classroom goal structure* Paper presented at the annual meeting of the European Association for Research on Learning and Instruction, Budapest, Hungary.
- Miller, A. D.** (2007, April). *Student and teacher predictors of perceived classroom goal structures*. Poster presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Miller, A. D.** (2006, September). *Reciprocal relationships between personal goal orientations and classroom goal structures over the academic school year*. Poster presented at the 10th International Conference on Motivation, Landau, Germany.

- Murdock, T. B. & **Miller, A. D.** (2006, September). *Defining classroom goal structure effects: Competing statistical models applied to academic cheating*. Paper presented at the 10th International Conference on Motivation, Laudau, Germany.
- Miller, A.** (2006, April). *The Influence of changes in teacher efficacy on student motivation during the transition from elementary to junior high school: a reanalysis*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Miller, A.** (2006, April). *Influences on students' perceptions of self and teacher characteristics on classroom goal structures and personal goal orientations*. Poster presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Miller, A.** (2005, August). *The Teacher-student relationship in academic motivation: a Critical review and synthesis of goal theory research*. Paper presented at the annual meeting of the American Psychological Association, Washington D. C.
- Miller, A.,** Murdock, T. B. & Goetzinger (2005, April). *The Ethics of cheating: Do moral judgments shift with maturity and role?* Poster presented at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Murdock, T. B., **Miller, A.,** & Anderman, E. (2005, April). *Classroom and individual predictors of between-class variation in perceived cheating: a hierarchical linear model*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Miller, A.,** Murdock, T. B., & Freeman, T. (2004, August). *Student motivational characteristics and school belonging*. Poster presented at the annual meeting of the American Psychological Association, Honolulu, HI.
- Miller, A.** & Murdock, T. B. (2004, April). *Classroom and individual predictors of between-class variation in perceived teacher competence and commitment of middle school youth*. Poster presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Murdock, T. B. & **Miller, A.** (2004, April). *Classroom context variables and judgments about cheating among high school students: Application of attribution and social bond theory*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

RESEARCH FUNDING

Funded

Kelly, A. E. & Seppela, M. *Organizing multi-disciplinary communities to conduct data-intensive research on education and learning*. NSF, \$538,404 (Role: Faculty Associate)

Kitsantas, A. & **Miller, A.D.** (co-PI). *Characteristics and context of Primary Years Program (PYP) students' self-efficacy and self-regulation*. International Baccalaureate Organization (IBO). \$44,903

Pending

Miller, A. D. *From theory to practice: Identifying motivation teaching practices through student perceptions and classroom observations*. William T. Grant Foundation, \$142,771

Brez, C., **Miller, A.D**, Columbo, J. & Leinenbach, M. *Examining the development of conceptual understanding of negative numbers in elementary and middle school students*. IES CDFA 84.305A2010 Goal 1. (Role: PI)

Taboada, A., **Miller, A. D.**, & Buehl, M. *Cognitive and motivational contributors to reading comprehension in English learning (ELs) and English monolinguals (Ems): Different or Similar Growth Patterns?* IES Goal 1 (Role: PI)

Internal Awards

Erwin, H., Beighle, A., **Miller, A. D.**, & Abel, M. (2007). *Integrating kinesthetic learning experiences in elementary classrooms*. University of Kentucky School of Education Internal Mini-Grant (\$6000).

Miller, A. D. (2007). *Examining longitudinal teacher effects: A cross-classified HLM approach*. University of Kentucky Summer Research Fellowship (\$6000).

SPECIALIZED STATISTICAL TRAINING

2009 Muthen & Muthen MPlus Workshop Baltimore, MD
Statistical analysis with Latent Variables-Multilevel and Longitudinal Designs

2007 ICPSR Summer Program in Quantitative Methods Ann Arbor, MI
Social Network Analysis

2006 JAM Press Workshop San Francisco, CA
An Introduction to Rasch Measurement: Theory and Applications

2005 ICPSR Summer Program in Quantitative Methods Ann Arbor, MI
Structural Equation Models and Latent Variables

2004 ICPSR Summer Program in Quantitative Methods Ann Arbor, MI
Advanced Methods in Hierarchical Linear and Non-linear Models

2003 ICPSR Summer Program in Quantitative Methods Ann Arbor, MI
Introduction to Hierarchical Linear Models

TEACHING EXPERIENCE

Graduate Courses in Research Methods & Statistics

- Methodology of Educational Research
- Research Design & Analysis in Education
- Multivariate Analysis in Educational Research
- Introduction to Structural Equation Modeling
- Principles of Testing & Measurement
- Analysis of Variance and Regression
- Advanced Topics in Regression & Multivariate Statistics
- Principles & Methods of Research

2005-2006	University of Missouri – Kansas City <i>Distinguished Dissertation Fellow \$15,000</i>	Kansas City, MO
2002-2005	University of Missouri – Kansas City <i>Preparing Future Faculty Fellow \$12,000/year</i>	Kansas City, MO
2004	APA -Division 15 <i>Selected as a participant in graduate research seminar</i>	Honolulu, HI
2004	AERA -Division C <i>Selected as a participant in graduate research seminar</i>	San Diego, CA

PROFESSIONAL MEMBERSHIPS

American Educational Research Association
Division C—Teaching and Learning
Division D—Measurement & Research Methodology
SIG—Motivation in Education
SIG—Educational Statisticians

American Psychological Association
Division 15—Educational Psychology
Division 5—Measurement, Evaluation, & Statistics