

Melissa Joan Hawthorne

Melissa J. Hawthorne
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RESEARCH INTERESTS

My primary interests involve the role of emotional and cognitive processes in decision making. I am also interested in examining factors that can help students succeed in the university setting.

TEACHING INTERESTS

My favorite courses to teach are statistics and research methodology. In addition, I enjoy teaching cognitive psychology, learning and motivation, and physiological psychology. With my background in applied psychology, I also enjoy teaching courses in assessment (intellectual and personality) and abnormal psychology.

EDUCATION

- Ph.D. Educational Psychology, 2012, Texas A&M University-Commerce, Commerce, TX
Adviser: Karin Tochkov
Dissertation title: *The Role of Attention and Executive Function in Iowa Gambling Task Performance*
- M.S. Counseling, 2009, Texas A&M University-Commerce, Commerce, TX
- M.S. Applied Psychology, 2007, Texas A&M University-Commerce, Commerce, TX
Adviser: Tracy Henley
Thesis title: *The Role of Attention in Theory of Mind Performance*
- B.S. Psychology, 1993, Texas A&M University-Texarkana, Texarkana, TX

TEACHING EXPERIENCE

Instructor

- 2006, Summer 1, Cognition, Learning, and Development
2006, Summer 2, Cognition, Learning, and Development
2006, Fall, Cognition, Learning, and Development; Psychology of Human Sexuality Lab
2007, Spring, Psychology of Human Sexuality Lab; Cognition, Learning, and

Development

2007, Summer 1, Cognition, Learning, and Development
2007, Fall, Cognition, Learning, and Development; Psychology of Human Sexuality Lab
2008, Spring, Cognition, Learning, and Development; Psychology of Human Sexuality Lab
2008, Summer 2, Psychology of Adjustment
2008, Fall, Cognition, Learning, and Development; Psychological Statistics Lab
2009, Spring, Psychology of Human Sexuality; Psychological Statistics Lab
2009, Fall, Psychological Statistics Lab
2010, Spring, Psychological Statistics Lab
2010, Fall, Psychological Statistics Lab
2011, Spring, Psychological Statistics Lab
2011, Summer 1, Psychology of Diverse Populations (online course)
2011, Fall, Psychological Statistics Lab
2012, Spring, Psychological Statistics Lab

Teaching Assistant

2006, Fall, Intellectual Assessment
2007, Spring, Fall, Intellectual Assessment

Guest Lecturer

Psychological Statistics
Experimental Psychology
Physiological Psychology
History and Systems of Psychology
Special Topics in Educational Psychology (graduate course)

RESEARCH EXPERIENCE

Lab Manager, 2009-2012

Cognitive Research Lab: oversaw the design and implementation of research studies; mentored undergraduate research assistants; designed and maintained lab's web page.
Supervisor: Dr. Benton Pierce, Dept. of Psychology, Counseling, and Special Education

Research Assistant, Summer, 2007

Assisted in conducting research regarding theory of mind.
Supervisor: Dr. Tracy Henley, Dept. of Psychology, Counseling, and Special Education

Research Assistant, Summer 2011

Provided statistical analysis and report writing for National Science Foundation grant project.
Supervisor: Dr. Gil Nizer, Department of Curriculum and Instruction

Junior personnel for evaluation component 2008-2011
Research Experience for 2-Year College Undergraduates in Chemistry and Surface Science at Texas A&M-Commerce. B. Jang and L Whaley (CO-PIs). Texas A&M-Commerce (\$191,340 awarded January 2006).

Senior personnel for evaluation component 2008-2014
NSF Grant: The Scholarship and Research Experiences for Transfer Students to Excel in Science and Engineering (SRT) at Texas A&M-Commerce. B. Jang, M. Elam. B.-A. Li, and J. Kopehcena (CO-PIs). Texas A&M-Commerce (awarded 2008).

CLINICAL EXPERIENCE

Counseling Intern, 2007-2009, Community Counseling and Psychology Clinic, Texas A&M University-Commerce

Psychology Intern, Jan. - Dec., 2006, Community Counseling and Psychology Clinic, Texas A&M University-Commerce

PROFESSIONAL SERVICE

Editorial reviewer

Ad hoc reviewer for *Acta Psychologica* (2012)

Ad hoc reviewer for *Journal of Experimental Psychology: Learning, Memory, and Cognition* (2012)

Ad hoc reviewer for *Journal of Memory and Language* (2012, 2013)

Ad hoc reviewer for *Memory* (2009, 2011)

Ad hoc reviewer for *Emotion* (2009)

Ad hoc reviewer for *Developmental Psychology* (2010, 2012)

Ad hoc reviewer for *Cognition & Emotion* (2010, 2012, 2014)

Ad hoc reviewer for *Journal of Cognitive Psychology* (2011)

Ad hoc reviewer for American Psychological Association *Dictionary of Psychology, 2nd edition* (2011)

Ad hoc reviewer for *Neuropsychology* (2011)

Conference Reviewer

Reviewer for Southwest Cognition Conference (ARMADILLO) poster submissions (2011)

Reviewer for Southwest Psychological Association (SWPA) poster submissions (2013, 2014)

Reviewer for Southwest Psychological Association (SWPA) research competition submissions (2014)

Other Professional Service

Campus representative, Association for Psychological Science Student Caucus, 2010-2012
Departmental Institutional Review Board Member, Psychology, Counseling and Special Education, Texas A&M-Commerce, 2009- 2011.

PROFESSIONAL AFFILIATIONS

Southwestern Psychological Association
Association for Psychological Science

PUBLICATIONS

Peer reviewed

- Naizer, G., **Hawthorne, M.**, & Henley, T. (in press). Narrowing the gender gap: Enduring changes in middle school students' attitude toward math, science, and technology. *Journal of STEM Education*.
- Young, A. D., Burt, T., Dixon, S., & **Hawthorne, M. J.** (2013). Academic advising: Does it really impact student success? *Quality Assurance in Education, 21*, 7-19.
- Worthy, D. A., **Hawthorne, M. J.**, Otto, A. R. (2013). Heterogeneity of strategy usage in the Iowa Gambling Task: A comparison of win-stay-lose-shift and reinforcement learning models. *Psychonomic Bulletin and Review*.
- Jones, B., Fullwood, H., & **Hawthorne, M. J.** (2012). Preventing prescription drug abuse in adolescence: A collaborative approach. *Prevention Researcher, 19*, 13-16.
- Pierce, B. H. & **Hawthorne M. J.** (2011). Teaching tips: Teaching and mentoring the nontraditional graduate student. *APS Observer, 24*, 49-51.
- Young, A., Johnson, G., Arthur, H. & **Hawthorne, M.**, (2011). Cultural and socioeconomic differences in academic motivation: A self-deterministic approach. *Journal of Border Educational Research, 9*, 37-46.
- Hawthorne, M. J.**, Weatherford, D. & Tochkov, K. (2011). The effects of implicit and explicit cognitive factors on Iowa Gambling Task performance. *American Journal of Psychological Research, 7*, 64-78.
- Hawthorne, M.** & Young, A. (2010). First-generation students' perceptions: Implications for retention and success. *The Journal of College Orientation and Transition, 17*, 29-39.
- Young, A. D., **Hawthorne, M. J.** & Plata, M. (2010). Embracing diversity in the

classroom: The impact of teacher education and experience. *Insights to a Changing World, 2010*, 56-62.

Harader, D., Fullwood, H., & **Hawthorne, M.** (2009). Sexuality among adolescents with moderate disabilities: Promoting positive sexual development. *Prevention Researcher, 16*, 17-21.

Book Reviews

Pierce, B. H. & **Hawthorne, M. J.** (2012). Synthesizing the Science of the Mind: Cognitive, Emotional, and Motivational Perspectives on Psychological Phenomena. [A review of *Attention, Representation, and Human Performance: Integration of Cognition, Emotion, and Motivation*. (2012). Slim Masmoudi, David Yun Dai, and Abdelmajid Naceur (Eds.) New York: Psychology Press]. *PsychCritiques, 57*, 261-264. doi:10.1126/science.275.5304.1293

Pierce, B. H. & **Hawthorne M. J.** (2010). Memory's maddening but essential side. [A review of *Forgetting*, (2010). Della Salla, S. (Ed.), Psychology Press: Sussex]. *PsychCritiques, 55*, 388-391.

CONFERENCE PRESENTATIONS

International and national

Pierce, B. H., **Hawthorne, M. J.**, & Gallo, D. A. (accepted). *The Effect of Testing on Retrieval Monitoring*. Poster to be presented at the 2014 annual meeting of the Psychonomic Society in Long Beach, CA.

Pierce, B. H., **Hawthorne, M. J.**, Gallo, D. A., Bolson, E. (November, 2012). *Examining the testing effect across different modalities*. Poster presented at the 2012 annual meeting of the Psychonomic Society in Minneapolis, MN.

Hawthorne, M. J., & Tochkov, K. (November, 2011). *Executive functions and Iowa Gambling Task performance*. Poster presented at the 2011 annual meeting of the Psychonomic Society in Seattle, WA.

Hawthorne, M. J. & Pierce, B. H. (November, 2010). *The roles of attention and working memory in theory of mind tasks*. Poster presented at the 2010 annual meeting of the Psychonomic Society in St. Louis, MO.

Weatherford, D., **Hawthorne, M. J.**, & Tochkov, K. (November, 2010). *The influence of implicit and explicit variation of Iowa Gambling Task Performance*. Poster presented at the annual meeting of the Society for Judgment and Decision Making 2010 in St. Louis, Mo.

Pierce, B.H., Kensinger, E. A., & **Hawthorne, M. J.** (April, 2010). *Associative recognition of emotional words: Effects of valence, retention interval and aging*. Poster presented at the 2010 Cognitive Aging Conference, Atlanta, GA.

Gadzella, B. M., Zascavage, V. & **Hawthorne, M.** (2004). *Autism: Issues and interventions throughout the lifespan*. Paper presented at the 2004 International TASH conference, Las Vegas, NV.

Regional

Hawthorne, M. J. , Pierce, B. H., & Clements, Nicole. (April, 2014). *Attentional Networks and Iowa Gambling Task Performance*. Poster presented at 2014 annual meeting of the Southwestern Psychological Association, San Antonio, TX.

Hawthorne, M. J. , Pierce, B. H., Mayberry, J., & Galloway, M. R. (April, 2013). *The Iowa Gambling Task: Are executive functions necessary for success?* Poster presented at 2013 annual meeting of the Southwestern Psychological Association, Fort Worth, TX.

Hawthorne, M. J. , Pierce, B. H., & Lutz, M. (April, 2013). *Examining the testing effect across different modalities*. Poster presented at 2013 annual meeting of the Southwestern Psychological Association, Fort Worth, TX.

Pierce, B. H., **Hawthorne, M. J.**, & Jason McCain (April, 2013). *Effects of emotion on associative binding in implicit memory*. Poster presented at 2013 annual meeting of the Southwestern Psychological Association, Fort Worth, TX.

Hawthorne, M. J., Jones-Young, A, & McCain, J. (April, 2012). *Enhancing college experiences: Factors that promote first-generation students' academic success*. Poster presented at the 2012 annual meeting of the Southwestern Psychological Association, Oklahoma City, OK.

Naizer, G., **Hawthorne, M.**, Manning, C., & Haas, L. (February, 2012). *Project M²T² : Middle School Students' Changed in Attitude Towards Math, Science, and Technology*. Paper presented at the annual meeting of the Southwest Educational Research Association, New Orleans, LA.

Hawthorne, M. J., & Tochkov, K. (October, 2011). *The role of executive functions in Iowa Gambling Task performance*, paper presented at the 2011 annual meeting of the Southwest Cognition Conference, Texas A&M University-Commerce, Commerce, TX.

Hawthorne, M. J. (April, 2011). *The roles of attention and working memory in theory of mind tasks*. Paper presented at the graduate student research competition, presented at the 2011 annual meeting of Southwestern Psychological Association, San Antonio, TX.

Hawthorne, M. J., Young, A., & Johnson, T. A. (April, 2011). *Stereotypical beliefs: The impact of pre-service teachers' opinions on student performance*. Poster presented at the 2011 annual meeting of Southwestern Psychological Association, San Antonio, TX.

Young, A. D., **Hawthorne, M. J.,** Hendricks, E. A. & Lancaster, L. (April, 2011). *Syllabus construction: An overlooked resource for establishing learning environments*. Poster presented at the 2011 annual meeting of Southwestern Psychological Association, San Antonio, TX.

Burt, T. D., Young, A. D., Dixon, S. L. & **Hawthorne, M. J.** (May, 2010). *Measuring up: Assessing advising beyond student satisfaction*. Paper presented at the 2010 Missouri State University Adviser Forum, Springfield, MO.

Young, A. D., & **Hawthorne, M. J.** (April, 2010). *Academic motivation, perception, and satisfaction: Impact of autonomy versus controlling learning environments*. Poster presented at the 2010 Midwestern Psychological Conference, Chicago, IL.

Hawthorne, M. & Young, A. D. (April, 2010). *First-generation students' perceptions: Implications for retention and success*. Poster presented at the 2010 Southwestern Psychological Association Conference, Dallas, TX.

Young, A. & **Hawthorne, M.** (April, 2009). *An investigation of selected cultural factors affecting prospective teachers' cultural diversity beliefs*. Poster presented at the 2009 Southwestern Psychological Association Conference, San Antonio, TX.

Hawthorne, M., Fullwood, H., & Henley, T. B. (April, 2007). *Changes in Definitions and Coverage of Special Education Terms in General Psychology Textbooks*. Poster presented at the 2007 Southwestern Psychological Association Conference, Fort Worth, TX.

INVITED SPEAKER

Hawthorne, M. J. (October, 2012). *Research in Academia: Measuring Outcome Goals*. Clemson University, South Carolina

Hawthorne, M. J. (April, 2012). *Exploring student success: Lessons from the experts*. Missouri State Representative Symposium, 2012 annual meeting of the Southwestern Psychological Association, Oklahoma City, OK.

Hawthorne, M. J. (March, 2010). *Components of decision making*. Texas A & M University-Commerce Brown Bag Series, Commerce, TX.

MANUSCRIPTS UNDER REVIEW

Hawthorne, M. J., Henley, T. B., & Pierce, B. H. (under review). The role of attention and working memory in different adult theory of mind tasks. *Journal of Adult Development* .

MANUSCRIPTS in PREPARATION

Pierce, B. H., **Hawthorne, M. J.** , & Willhite, T. B. (to be submitted 2014). The testing effect in narrative and expository text.

Pierce, B. H., & **Hawthorne, M. J.**. (to be submitted 2014). Exploring boundary conditions for the testing effect: The impact of presentation modality and material relatedness

McCain, J., **Hawthorne, M. J.**, Young-Jones, A., & Pierce, Benton, H. (to be submitted 2014). A model for student achievement at a 4-year university.

PROJECTS in PROGRESS

Pierce B. H., Kensinger, E. A., & **Hawthorne, M. J.** The impact of emotional valence on implicit memory.

Pierce, B. H., **Hawthorne, M. J.**, & Gallo, D. A. The influence of mental imagery on true and false memory.

Hawthorne, M. J. & Pierce B. H. The role of attentional networks in Iowa Gambling Task Performance

HONORS and AWARDS

Second place in the Graduate Student Research Competition, Southwestern Psychological Association (April 2011).

Taylor Scholarship (TAMU-Commerce)

Nominated for Landau Nobel Laureate Student Conference (2011)