

Deborah K. Eakin
Curriculum Vita
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Mississippi State University
Department of Psychology
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PROFESSIONAL EXPERIENCE

- Assistant Professor, Mississippi State University* 08/2005-Present
- Postdoctoral Fellow, Georgia Institute of Technology* 09/2003–08/2005
National Institute on Aging Training Grant T32AG000175
Research training in cognitive aging under the direction of Christopher Hertzog and Anderson Smith
- Pre-Doctoral Fellow, University of Kansas* 07/2001–04/2003
Communication and Aging Training Program,
National Institute on Aging Training Grant T32AG00226
Research training in cognitive aging under the direction of Susan Kemper

EDUCATION

- Ph.D.*, Cognitive Psychology (conferred 5-2004) 08/2003
University of Kansas Lawrence, KS
Dissertation: *Memory and Metamemory of Younger and Older Adults Under Conditions of Retroactive Interference*
Chairs: Thomas A. Schreiber and Susan Kemper
- M.A.*, Cognitive Psychology, University of Kansas, Lawrence, KS 08/2000
Thesis: *Investigating the Deleterious Effects of Misleading Suggestions on Eyewitness Memory: The Impact of Warning Type and Misinformation Accessibility on the Misinformation Effect*
Advisor: Thomas A. Schreiber
- B.S.*, Summa Cum Laude, Psychology, Columbus State University 06/1996
Columbus, GA

RESEARCH INTERESTS

Memory

- Metamemory
- Memory Illusions
- Retrieval Processes
- Interference/Inhibition
- Eyewitness Memory

Cognitive Aging

- Metamemory
- Retrieval Processes
- Interference/Inhibition
- Eyewitness Memory

Cognitive Neuroscience (e.g., fMRI)

- Aging
- Memory and Metamemory

Integration of Cognitive Processes

Computational models of memory

Consciousness and cognition

ACADEMIC HONORS AND AWARDS

<u>Institute for Neurocognitive Science & Technology, Faculty Sponsor of</u> <u>Outstanding Undergraduate Student Award</u>	4/2006
<u>Mississippi State University Academic Excellence Award</u>	2/2006
<u>Mississippi State University Office of Research Travel Award</u>	12/2005
<u>Graduate Presenter Award, University of Kansas</u>	11/2002
<u>Outstanding Master's Thesis of the Year Award, University of Kansas,</u> College of Liberal Arts and Sciences	05/2001
<u>Doris Sheets Award for Perseverance, University of Kansas</u>	12/2000
<u>Psychology Department Nominee for Summer Research Fellowship</u> University of Kansas	04/2000
<u>Montie McMickell Award for Excellence in Experimental Psychology,</u> University of Kansas	09/1999
<u>Phi Kappa Phi Honor Society, Columbus State University</u>	09/1995

FELLOWSHIPS

<u>NIA Postdoctoral Postdoctoral Fellowship, Georgia Institute of Technology</u>	09/2003–08/2005
<u>NIA Predoctoral Fellowship, University of Kansas</u>	07/2002 –08/2003
<u>Fellowship, Dartmouth College, Summer Institute on Cognitive Neuroscience</u>	07/2002
<u>Fellowship, Massachusetts General Hospital, Charlestown, MA</u> American Psychological Association Advanced Training Institute in functional Magnetic Resonance Imaging (fMRI)	06/2004

PUBLICATIONS

- Eakin, D. K.** & Hertzog, C. (2006). Release from implicit interference in memory and metamemory: Older adults know that they can't let go. *Journal of Gerontology: Psychological Sciences*, *61B*, 340-347.
- Eakin, D. K.** (2005). Illusions of knowing: Metamemory and memory under conditions of retroactive interference. *Journal of Memory and Language, Special Issue*, *52*, 526-534.
- Eakin, D. K.**, Schreiber, T.A., & Sergent-Marshall, S. (2003). Misinformation effects in eyewitness memory: The presence and absence of memory impairment as a function of warning and misinformation accessibility. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *29*, 813-825.
- Wade, T., **Eakin, D. K.**, Webb, R., Agah, A., Brown, F., Jongman, A., Gauch, J., Schreiber, T.A., & Sereno, J (2002). Modeling recognition of speech sounds with MINERVA. *Proceedings of the 7th Annual Conference on Spoken Language Processing, Denver, CO.*

PROFESSIONAL PRESENTATIONS

- Schreiber, T. S., Sergent, S. D., & **Eakin, D. K.** (1999). *The deleterious effects of misleading suggestions on eyewitness memory when subjects are fully informed.* Paper presented at the meeting of the American Psychological Society, Denver, CO.
- Schreiber, T.C., **Eakin, D. K.**, & Sergent, S. D., (1999). *Misinformation interference in studies of eyewitness memory: Memory impairment in fully informed witnesses.* Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Schreiber, T.A., & **Eakin, D.K.** (2000). *Clarifying the role of cue familiarity in producing illusions of knowing in metamemory.* Paper presented at the 41st Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Rains, N.A., Ilardi, S.S., Schreiber, T.A., **Eakin, D.K.**, & Parmenter, B.A. (2001). *The Relationship Between Overconfidence and Depression, Anxiety, and Personality Characteristics.* Paper presented at the American Association of Behavioral Therapy, Philadelphia, PA.
- Schreiber, T.A. & **Eakin, D.K.** (2001). *Reversal of the Cue Frequency Effect in Metamemory: Further Explorations of the Cue Familiarity Hypothesis.* Paper presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
- Wade, T., **Eakin, D. K.**, T., Webb, R., Agah, A., Brown, F., Jongman, A., Gauch, J., Schreiber, T.A., & Sereno, J (2002). *Modeling Recognition of Speech Sounds With MINERVA.* Paper presented at the 7th Annual Conference on Spoken Language Processing, Denver, CO.

- Eakin, D.K.**, Schreiber, T.A., & Kemper, S. (2002). *Eyewitness Memory and Retrieval Blocking in Younger and Older Adults: The Role of Age and Witness Context*. Paper presented at the Cognitive Aging Conference 2002, Atlanta, GA.
- Eakin, D. K.**, Wade, T., Schreiber, T.A., Sereno, J., Jongman, A., Agah, A. (2002). *MINERVA2 Recognition of Acoustic Phonetic Representations*. Paper presented at the Show Me Mental State Conference, St. Louis, MO.
- Eakin, D. K.**, Schreiber, T.A. & Kemper, S. (2002). *The Role of Age and Context in Eyewitness Memory*. Paper presented at the Show Me Mental State Conference, St. Louis, MO.
- Eakin, D. K.**, Wade, T., Schreiber, T.A., Sereno, J., Jongman, A., Agah, A. (2002). *Simulating Recognition Memory Using Abstract Features, Acoustic-Phonetic Features, and Features of Real Speech Production*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, KS.
- Eakin, D.K.** (2004). *Memory and Metamemory Under Conditions of Retroactive Interference for Both Younger and Older Adults*. Paper presented at the Cognitive Aging Conference 2004, Atlanta, GA.
- Eakin, D.K.**, Schreiber, T.A., and Kemper, S.K. (2004). *Illusions of Knowing: Dissociating Metamemory and Memory under Conditions of Retroactive Interference*. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Eakin, D.K.** & Hertzog, C. (2005). *Metamemory Predictions Under Conditions of Implicit Interference: Age-related Differences in Cue Set Size Effects*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Toronto, Canada.
- Edwards, S. & **Eakin, D.K.** (2006). *Strategy Use by the Aging Brain: Age Differences in Activation as Measured by fMRI*. Paper presented at the Institute for Neurocognitive Science and Technology Research Forum, Mississippi State, MS.
- Eakin, D.K.** and Garrison, T. (2006). *Sensitivity of Metamemory Predictions Are Influenced by Explicit but Not Implicit Familiarity*. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Houston, Texas.
- Eakin, D.K.** and Hertzog, C. (2006). *Cue Set Size Effects Occur Only For Retrieval-Influenced Metamemory Judgments, Not Immediate Judgments of Learning*. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Houston, Texas.

INVITED TALKS

- Eakin, D.K.** (2005). *Memory and metamemory: The impact of interference at retrieval*. Invited talk. Fall colloquium of the Institute for Neurocognitive Science and Technology, October, 2005.

TEACHING EXPERIENCE

Assistant Professor, Mississippi State University 2005-Present

Courses Taught:

Graduate

PSY 8513 - Psychological Research

PSY 6733 - Memory

PSY 8731 - Applied Cognitive Research Seminar

Undergraduate

PSYC 3713 - Cognitive Psychology

PSY 4733 - Memory

Instructor, Georgia Institute of Technology 2004-2005

PSYC 2103, Human Development (Fall)

Assistant Instructor, University of Kansas 2000–2001

PSYC 104, Introduction to Psychology (Fall)

PSYC 104, Introduction to Psychology (Spring)

PSYC 333, Child Psychology (Developmental) (Summer)

Graduate Teaching Assistant, University of Kansas 1998–2000

PSYC 300: Statistical Methods in Psychology

PSYC 333: Child Psychology (Developmental)

PSYC 300: Statistical Methods in Psychology

PSYC 318, Cognitive Psychology

GRADUATE RESEARCH SUPERVISION

Committee Chair: First-year project, Mississippi State University 2005-Present
In progress (Teena Garrison)

Committee Co-Chair: First-year project, Mississippi State University 2005-Present
In progress (Jessica Wood)

Committee Chair: Master's Thesis, Mississippi State University 2005-Present
In progress (Khadja Hassan)

Committee Chair: Master's Thesis, Mississippi State University 2005-Present
In progress (Jacqueline Bell)

Committee Member: Master's Thesis proposal 2005-Present
(Ashley Walker)

UNDERGRADUATE RESEARCH SUPERVISION

- Supervisor: Research Assistants, Mississippi State University 2005-Present
PSY 4000, Independent Study
 Approximately 6 students per semester
- Supervisor: Honor's Thesis, Georgia Institute of Technology 2005-Present
PSYC 4699, Independent Study
 Advisor: Anderson Smith
 Data collection in progress (Jeanne Flynn)
- Supervisor: Honor's Thesis, Georgia Institute of Technology 2004-2005
PSYC 4699, Independent Study
 Advisor: Christopher Hertzog
 Resultant Honor's Thesis:
How Individual Differences in Personality and Anxiety Impact Eyewitness Suggestibility (Elizabeth Crommelin)
- Supervisor: Honor's Thesis students, University of Kansas 2000-2001
PSYC 480, Independent Study
 Advisor: Thomas A. Schreiber
 Resultant Honor's Thesis was presented at Undergraduate Research Symposium:
The Differential Impact of Encoding Context on Cued Recall and Predictions of Knowing (Jennifer Curtis)
- Supervisor: Honor's Thesis students, University of Kansas 2000-2001
PSYC 480, Independent Study
 Advisor: Thomas A. Schreiber
 Resultant Honor's Thesis was presented at Undergraduate Research Symposium:
The Relationship Between Effective Distracters and the Rebound Effect (Cammie Page)

SERVICE

- Committee Member, College of Arts and Sciences Tailgate Committee Fall, 2006
- Chair, Ad-hoc, Committee for Cognitive Science Program Curriculum Spring, 2006
- Ad-hoc reviewer, Journal of Memory and Language 2005-Present
- Ad-hoc reviewer, Acta Psychologica 2005-Present
- Ad-hoc reviewer, Journal of Experimental Psychology: Learning, Memory, and Language 2003-Present
- Ad-hoc reviewer, Memory and Cognition 2003-Present
- Ad-hoc reviewer, Psychological Bulletin and Review 2003-Present

<i>Secretary/Treasurer, International Association of Metacognition (IAM)</i>	<i>2002–2004</i>
<i>Graduate Student Representative, University of Kansas</i>	<i>2002–2003</i>
<i>Senior Student Representative, University of Kansas</i>	<i>2000–2002</i>
<i>Junior Student Representative, University of Kansas</i>	<i>1999–2000</i>

PROFESSIONAL ORGANIZATIONS

American Psychological Association, Division 20
American Psychological Society
Psychonomic Society (Associate Member)
Cognitive Neuroscience Society
International Association for Metacognition
Institute for Neurocognitive Science and Technology (INST), Fellow