Curriculum Vitae

Stephen D. Goldinger

*(updated December, 2017)*

Department of Psychology email: [goldinger@asu.edu](mailto:megan.papesh@asu.edu)

950 S. McAllister Drive office: 480-965-1377

Arizona State University cell: 480-452-8132

Tempe, AZ 85287-1104

Education

Ph.D., Cognitive Psychology (1992), Indiana University, Bloomington, IN.

B.A., Psychology (1987), Indiana University, Bloomington, IN.

Academic Employment

Professor Department of Psychology, Arizona State University

July, 2005 – Present

Associate Professor Department of Psychology, Arizona State University

July, 1998 – June, 2005

Assistant Professor Department of Psychology, Arizona State University

July, 1992 – June, 1998.

Other Professional Roles

NIH Review Panelist, ***Cognition and Perception (CP)***, 2012-2016

Associate Editor, ***Psychonomic Bulletin & Review***, 2006-2010; 2014-2018

Consulting Editor, ***Journal of* *Experimental Psychology: Human Perception***

***and Performance***, 2000 – 2005.

Consulting Editor, ***Perception & Psychophysics***, 2002 – 2006.

Consulting Editor, ***Applied Psycholinguistics***, 2002 – 2007.

NIH Review Panelist, ***Language and Communication (LCOM)***, 2002 – 2007.

NSF Review Panelist, ***Perception and Cognition***, 2005, 2007, 2009–2014 .

Academic Honors / Societies

**Irving J. Saltzman** **Award** (for outstanding graduate school career). Indiana University, Department of Psychology, June 1993.

Membership, **Psychonomic Society**. March 1997.

Elected Fellow, **American Psychological Association, Division 3 (Experimental).**

December, 2003.

Winner, Distinguished Early Career Award. **Society of Experimental Psychologists**.

March, 2004.

Elected Fellow, **Society of Experimental Psychologists**. March, 2004.

Finalist, **Arizona State University, Professor of the Year**, 2005, 2010.

Fellow, **Association for Psychological Science**, 2015.

Grants and Awards

***Under Review / In Revision***

NIH / National Eye Institute (NIA) R01 Grant: **Noradrenergic (LC-NE) modulation of**

**human episodic memory**. Role: Investigator (with P.I. Megan Papesh, LSU).

Submitted for October 5, 2017, deadline.

NIH / National Institute on Aging (NIA) R01 Grant: **Testing heuristic effects in aging**

**memory: Pupillary reflexes in face encoding**. Role:Principal Investigator. Under revision.

***Funded***

NIH / National Institute on Child Health and Human Development (NICHD) R01 Grant: **Cognitive Load in the Bilingual Brain: Insights from Decoupled Reading**. (Grant # 1 R01 HD075800-01). Funded from January, 2014 to December, 2018. Total Budget: **$2,505,370**. Role: **Principal Investigator**.

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) R21 Grant: **Representation of memory for spoken words and voice detail by neurons in the human hippocampus**. Funded from July, 2009 to June, 2011. Total Budget: **$421,796**. Role: **Co-Principal Investigator** (with P. Steinmetz, Barrow Neurological Institute).

ABRC / Arizona Biomedical Research Commission. **Representation of memory for spoken words and voice detail by single neurons in the human hippocampus.** Funded from August, 2008 – August 2010. Total Budget: **$98,664**. Role: **Co-Investigator** (with P.

Steinmetz, Barrow Neurological Institute).

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) R01 Grant: **Speech Perception and Memory in an Episodic Lexicon**. Funded from June, 2007 to May, 2012. Total Budget: **$1,527,911**. (Grant # 1 R01-DC04535-08-13). Role: **Principal Investigator**.

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) R01 Grant: **Perception of Dysarthric Speech**. Funded from August, 2004 to July, 2008. Total budget: **$** **1,675,703**. Role: **Consultant** (Principal Investigator: J. Liss, Department of Speech and Hearing Science, Arizona State University).

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) R01 Grant: **Speech Perception and Memory in an Episodic Lexicon**. Funded from August, 2003 to May, 2007. Total budget: **$714,236**. (Grant # 1 R01-DC04535-04-6). Role: **Principal Investigator**.

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) R01 Grant: **Speech Perception and Memory in an Episodic Lexicon**. Funded from August, 2000 to July, 2003. Total budget: **$632,738.** (Grant # 1 R01-DC04535-01-3). Role: **Principal Investigator**.

NIH / National Institute on Deafness and Communicative Disorders (NIDCD) FIRST Award: **Speech Perception and Production in an Episodic Lexicon**. Funded from May, 1995 to April, 2000: Total budget: **$504,388.** (Grant # R29-DC02629-01-5). Role: **Principal Investigator**.

Arizona State University: *Research Incentive Award*: **Speech Perception and Production in an Episodic Lexicon**. Funded June, 1994: **$15010.**

Arizona State University: *Faculty Grant-In-Aid*: **The Role of the Mental Lexicon in Speech Shadowing**. Funded April, 1993: **$5500.**

Journal Articles(Supervised student authors denoted by asterisks (\*)

***In Progress***

Vatterott, D.B., Hout, M.C., **Goldinger, S.D.**, & Vecera, S.P. (under revision). Experience

modulates attention to irrelevant distractors: Evidence from saccade deviation. In

revision for resubmission to: ***Attention, Perception, & Psychophysics****.*

\*Walenchok, S.C., Reichle, E.D., & **Goldinger, S.D.** (under revision). Clarifying the relationship between covert and overt attention: Attention and saccade programming can be dissociated in real-time. In revision for resubmission to: ***Quarterly Journal of***

***Experimental Psychology***.

\*Hebert, K.A., & **Goldinger, S.D.** (submitted). Eye movements and the label feedback effect:

Speaking modulates visual search, but probably not visual perception. Submitted to:

***Journal of Experimental Psychology: Human Perception and Performance.***

\*Walenchok, S.C., **Goldinger, S.D.,** & Hout, M.C. (submitted). Attention is confirmatory but

perception depends on prevalence: Examining the interaction between confirmation bias

and the low-prevalence effect in visual search. Submitted to: ***Journal of Experimental***

***Psychology: Human Perception and Performance.***

**2017**

Wixted, J.T., **Goldinger, S.D**., Squire, L.R., Kuhn, J., Papesh, M.H., Smith, K.A., Treiman,

D.M., & Steinmetz, P.N. (in press). Coding of episodic memory in the human hippocampus. ***Proceedings of the National Academy of Sciences, USA***.

Ratiu, I., Hout, M.C., \*Walenchok, S., Azuma, T., & Goldinger, S.D. (2017). Bilingual executive function investigated using eye movements. ***Attention, Perception, &***

***Psychophysics****.*

**2016**

\*Walenchok, S.C., Hout, M.C., & **Goldinger, S.D.** (2016). Implicit object naming in visual search: Evidence from phonological competition. ***Attention, Perception, &***

***Psychophysics, 78***, 2633-2654.

Hout, M.C., & **Goldinger, S.D.** (2016). SpAM is convenient, but also satisfying: Reply to

Verheyen et al. (2016). ***Journal of Experimental Psychology: General****,* ***145****,* 383-387.

Papesh, M.H., **Goldinger, S.D.**, & Hout, M.C. (2016). Eye movements reveal fast, voice- specific priming. ***Journal of Experimental Psychology: General****,* ***145****,* 314-337*.*

**Goldinger, S.D.**, Papesh, M.H., Barnhart, A.S., Hansen, W.A., & Hout, M.C. (2016). The

poverty of embodied cognition. ***Psychonomic Bulletin & Review, 23***, 959-978*.*

Hout, M.C., Godwin, H.J., Fitzsimmons, G., Robbins, A., Menneer, T., & **Goldinger, S.D.** (2016). Using multidimensional scaling to quantify similarity in visual search and beyond. ***Attention, Perception, & Psychophysics, 78***, 3-20.

**2015**

Barnhart, A.S., & **Goldinger, S.D.** (2015). Orthographic and phonological neighborhood effects in handwritten word perception. ***Psychonomic Bulletin & Review, 22,*** 1739-

1745.

Hout, M.C., \*Walenchok, S.C., **Goldinger, S.D.**, & Wolfe, J.W. (2015). Failures of perception in the low-prevalence effect: Evidence from active and passive visual search. ***Journal of Experimental Psychology: Human Perception and Performance, 41***, 977-994*.*

Valdez, A.B., Papesh, M.H., Treiman, D.M., Smith, K.A., **Goldinger, S.D.**, & Steinmetz, P.N. (2015). Distributed visual representation of objects by single neurons in the human brain. ***Journal of Neuroscience***, ***35***, 5180-5186.

Godwin, H.J., \*Walenchok, S., Houpt, J.W., Hout, M.C., & **Goldinger, S.D.** (2015). Faster than the speed of rejection: Object identification processes during visual search for

multiple targets. ***Journal of Experimental Psychology: Human Perception and***

***Performance, 41****,* 1007-1020*.*

**2014**

\*Barnhart, A.S., & **Goldinger, S.D.** (2014). Blinded by magic: Eye-movements reveal the misdirection of attention. ***Frontiers in Psychology***, 5:1461. doi: 10.3389/fpsyg.

2014.01461

\*Hout, M.C., **Goldinger, S.D.**, & Brady, K. (2014). MM-MDS: A multidimensional scaling database with similarity ratings for 240 object categories from the Massive Memory

picture database. ***PLoS ONE***, 9(11): e112644. doi:10.1371/journal.pone.0112644.

\*Hout, M.C., & **Goldinger, S.D.** (2014). Target templates: The precision of mental representations affects attentional guidance and decision-making in visual search. ***Attention, Perception, & Psychophysics, 77***, 128-149.

Wixted, J.T., Squire, L.R., Jang, Y., Papesh, M.H., **Goldinger, S.D**., Kuhn, J., Smith, K.A., Treiman, D.M., & Steinmetz, P.N. (2014). Sparse and distributed coding of episodic memory in neurons of the human hippocampus. ***Proceedings of the National Academy of Sciences, USA, 111***, 9621-9626.

Papesh, M.H., & **Goldinger, S.D**. (2014). Infrequent identity mismatches are frequently undetected. ***Attention, Perception, & Psychophysics, 76***, 1335-1349.

**2013**

Barnhart, A.S., & **Goldinger, S.D.** (2013). Rotation reveals the importance in handwritten

word perception. ***Psychonomic Bulletin & Review***, **20,** 1319-1326.

\*Hout, M.C., **Goldinger, S.D**., & Ferguson, R.W. (2013). The versatility of SpAM: A fast, efficient, spatial method of data collection for multidimensional scaling. ***Journal of Experimental Psychology: General, 142***, 256-281.

**2012**

\*Hout, M.C., Papesh, M.H., & **Goldinger, S.D**. (2012). Multidimensional scaling. ***WIRES Cognitive Science.*** WIREs Cogn Sci 2012. doi: 10.1002/wcs.1203.

\*Papesh, M.H., & **Goldinger, S.D**. (2012). Memory in motion: Movement dynamics reveal memory strength. ***Psychonomic Bulletin & Review, 19***, 906-913.

**Goldinger, S.D**., & \*Papesh, M.H. (2012). Pupil dilation reflects the creation and retrieval of memories. ***Current Directions in Psychological Science, 21***, 90-95.

\*Papesh, M.H., & **Goldinger, S.D**. (2012). Pupil-BLAH-Metry: Cognitive effort in speech planning reflected by pupil dilation. ***Attention, Perception, & Psychophysics, 4***, 754-765.

\*Papesh, M.H., **Goldinger, S.D**., & Hout, M.C. (2012). Memory strength and specificity revealed by pupillometry. ***International Journal of Psychophysiology, 83***, 56-64.

\*Hout, M.C., & **Goldinger, S.D**. (2012). Incidental learning speeds visual search by lowering response thresholds, not by improving oculomotor behaviors: Evidence from eye movements. ***Journal of Experimental Psychology: Human Perception and Performance, 38***, 90-112.

**2010**

\*Barnhart, A.S., & **Goldinger, S.D**. (2010). Interpreting chicken-scratch: Lexical access with handwritten words. ***Journal of Experimental Psychology: Human Perception and Performance, 36***, 906-923.

\*Hout, M.C., & **Goldinger, S.D**. (2010). Learning in repeated visual search. ***Attention,*** ***Perception, & Psychophysics, 72***, 1267-1282.

\*Papesh, M.H., & **Goldinger, S.D**. (2010). A multidimensional scaling analysis of own- and cross-race face spaces. ***Cognition, 116***, 283-288.

**2009**

\*Papesh, M.H., & **Goldinger, S.D**. (2009). Deficits in other-race face recognition: No evidence for encoding-based effects. ***Canadian Journal of Experimental Psychology, 63***, 253-262.

**Goldinger, S.D**., \*He, Y., & \*Papesh, M. (2009). Deficits in cross-race face learning: Insights from eye-movements and pupillometry. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 35***, 1105-1122.

\*Hansen, W.A., & **Goldinger, S.D**. (2009). Taboo: An unspeakable study of mental control. ***American Journal of Psychology, 122***, 283-292.

**2008**

Kleider, H.M., Pezdek, K., **Goldinger, S.D**., & Kirk A. (2008). Schema-driven source misattribution errors: Remembering the expected from a witnessed event. ***Applied Cognitive Psychology, 22***, 1-20.

Kleider, H.M., **Goldinger, S.D**., & Knuycky, L. (2008). Stereotypes influence false memories for imagined events. ***Memory, 16***, 97-114.

**2006**

Kleider, H.M., & **Goldinger, S.D**. (2006). The generation and resemblance heuristics in face recognition: Cooperation and competition. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 32***, 259-276.

\*Becker, D.V., **Goldinger, S.D**., & Stone, G.O. (2006). Perception and recognition memory of words and werds: Two-way mirror effects. ***Memory & Cognition, 34***, 1495-1511.

**2005**

**Goldinger, S.D**. , & \*Hansen, W.A. (2005). Remembering by the seat of your pants. ***Psychological Science, 16***, 525-529.

**2004**

\*Kleider, H.M., & **Goldinger, S.D**. (2004). Illusions of face memory: Clarity breeds familiarity. ***Journal of Memory and Language, 50***, 196-211.

\*Davie, J.E., Azuma, T., **Goldinger, S.D**., Connor, D.J., Sabbagh, M.N., & Silverberg, N.B. (2004). Sensitivity to expectancy violations in healthy aging and Mild Cognitive Impairment. ***Neuropsychology, 18***, 269-275.

**Goldinger, S.D**., & Azuma, T. (2004). Episodic memory reflected in printed word naming. ***Psychonomic Bulletin & Review, 11***, 716-722.

**2003**

**Goldinger, S.D**., \*Kleider, H.M., Azuma, T., & Beike, D. (2003). “Blaming the victim” under memory load. ***Psychological Science, 14***, 81-85.

**Goldinger, S.D**., & Azuma, T. (2003). Puzzle-solving science: The quixotic quest for units in speech perception. ***Journal of Phonetics, 31***, 305-320.

**2001**

\*Kleider, H.M., & **Goldinger, S.D**. (2001). Stereotyping ricochet: Complex effects of racial distinctiveness on identification accuracy. ***Law and Human Behavior, 25***, 605-627.

Luce, P.A., **Goldinger, S.D**., Auer, E., & Vitevitch, M. (2000). Phonetic priming, neighborhood activation, and PARSYN. ***Perception & Psychophysics, 62***, 615-625.

**2000**

**Goldinger, S.D**., \*Kleider, H.M., & \*Shelley E. (1999). The marriage of perception and memory: Creating two-way illusions with words and voices. ***Memory & Cognition,***

***27***, 328-338.

\*Gottlob, L.R., **Goldinger, S.D**., Stone, G.O., & Van Orden, G.C. (1999). Reading homographs: Orthographic, phonologic, and semantic dynamics. ***Journal of Experimental Psychology: Human Perception and Performance, 25***, 561-574.

**Goldinger, S.D**. (1999). Only the shadower knows: Comment on Hamburger & Slowiaczek (1996). ***Psychonomic Bulletin & Review, 6***, 347-351.

**1998**

**Goldinger, S.D**. (1998). Echoes of echoes? An episodic theory of lexical access. ***Psychological Review, 105***, 251-279.

**Goldinger, S.D**. (1998). Signal-detection comparisons of phonemic and phonetic priming: The flexible-bias problem. ***Perception & Psychophysics, 60***, 952-965.

**1997**

**Goldinger, S.D**., Azuma, T., \*Abramson, M., & \*Jain, P. (1997). Open wide and say “blah!” Attentional dynamics of delayed naming. ***Journal of Memory and Language, 37***, 190-216.

\*Abramson, M., & **Goldinger, S.D**. (1997). What the reader’s eye tells the mind’s ear: Silent reading activates inner speech. ***Perception & Psychophysics, 59***, 1059-1068.

\*Leftheri, K., LaPointe, L.L., & **Goldinger, S.D**. (1997). Attention allocation during a dual-task paradigm by bilingual speakers. ***Asia-Pacific Journal of Speech, Language and Hearing, 2***, 165-176.

**1996**

\*Erickson, R.J., **Goldinger, S.D**., & LaPointe, L.L. (1996). Auditory vigilance in aphasic individuals: Detecting nonlinguistic stimuli with full or divided attention. ***Brain and Cognition, 30***, 244-253.

**Goldinger, S.D**. (1996). Words and voices: Episodic traces in spoken word identification and recognition memory. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 22***, 1166-1183.

**Goldinger, S.D**. (1996). Auditory lexical decision. ***Language and Cognitive Processes, 11***, 559-567.

*Note:* This article also appears in F. Grosjean & U. Frauenfelder (Eds.), ***A Guide to***

***Spoken Word Recognition Paradigms***. East Sussex: Psychology Press. 1997.

**1994**

Van Orden, G.C., & **Goldinger, S.D**. (1994). Interdependence of form and function in cognitive systems explains perception of printed words. ***Journal of Experimental Psychology: Human Perception and Performance, 20***, 1269-1291.

**1993**

Palmeri, T.J., **Goldinger, S.D**., & Pisoni, D.B. (1993). Episodic encoding of speaker’s voice and recognition memory for spoken words. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 19***, 309-328.

\*Lewellen, M.J., **Goldinger, S.D**., Pisoni, D.B., & Greene, B.G. (1993). Lexical familiarity and processing efficiency: Individual differences in naming, lexical decision and semantic categorization. ***Journal of Experimental Psychology: General, 122***, 316-330.

**1992**

**Goldinger, S.D**., Luce, P.A., Pisoni, D.B., & Marcario, J.K. (1992). Form-based priming in spoken word recognition: The roles of competition and bias. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 18***, 1210-1238.

**1991**

**Goldinger, S.D**., Pisoni, D. B., & Logan, J.S. (1991). On the nature of talker variability effects on recall of spoken word lists. ***Journal of Experimental Psychology: Learning, Memory, and Cognition, 17***, 152-162.

**1989**

**Goldinger, S.D**., Luce, P.A., & Pisoni, D.B. (1989). Priming lexical neighbors of spoken words: Effects of competition and inhibition. ***Journal of Memory and Language, 28***, 501-518.

Refereed Commentaries

Luce, P.A., **Goldinger, S.D.**, & Vitevitch, M. (2000). It’s good... but is it ART? ***Behavioral and Brain Sciences, 23***, 336.

**Goldinger, S.D.,** & Azuma, T. (2004). Resonance within and between linguistic beings. ***Behavioral and Brain Sciences****,* ***27***, 199-200.

Edited Volume Chapters

Papesh, M.H., & **Goldinger, S.D.** (2015). Pupillometry and Memory: External Signals of Metacognitive Control. In Gendolla, G.H.E, Tops, M., & Koole, S. (Eds.), ***Handbook of Biobehavioral Approaches to Self-Regulation***. NY: Springer. Pp. 125-139.

**Goldinger, S.D.**, & Papesh, M.H. (2013). Recollection is fast and easy: Pupillometric studies of face memory. In B.H. Ross (Ed.), ***The Psychology of Learning and Motivation, Volume 59***. Elsevier Inc: Academic Press. Pp. 191–222.

\*Papesh, M.H., & **Goldinger, S.D.** (2011). Your effort is showing! Pupil dilation reveals memory heuristics. In P. Higham & J. Leboe (Eds.), ***Constructions of Remembering and Metacognition***. Palgrave Macmillan. Pp. 215-224.

**Goldinger, S.D.**, Azuma, T., \*Kleider, H.M., & Holmes, V. (2003). Font-specific memory: More than meets the eye? In J.S. Bowers & C.J. Marsolek (Eds.), ***Rethinking Implicit Memory***. Oxford University Press. Pp. 157-196.

**Goldinger, S.D.** (1997). Speech perception and production in an episodic lexicon. In K. Johnson & J.W. Mullennix (Eds.), ***Talker Variability in Speech Processing***. New York: Academic Press. Pp. 33-66.

Van Orden, G.C., Bosman, A., **Goldinger, S.D.**, & Farrar, W. (1997). A recurrent-network account of reading, spelling, and dyslexia. In J.W. Donahoe & V.P. Dorsel, (Eds.), ***Neural-Network Models of Cognition: Biobehavioral Foundations***. Elsevier. Pp. 522-538.

Van Orden, G.C., & **Goldinger, S.D.** (1996). Phonologic mediation in skilled and dyslexic reading. In C. Chase, G. Rosen, & G. Sherman (Eds.), ***Developmental Dyslexia: Neural, Cognitive, & Genetic Mechanisms***. York Press. Pp. 185-223.

**Goldinger, S.D.**, Pisoni, D.B., & Luce, P.A. (1996). Speech perception and spoken word recognition: Research and Theory. In N.J. Lass (Ed.), ***Principles of Experimental Phonetics***, 277-327. St. Louis: Mosby.

\*Lively, S.E., Pisoni, D.B., & **Goldinger, S.D.** (1994). Spoken word recognition: Research and theory. In M. Gernsbacher (Ed.), ***Handbook of Psycholinguistics***. New York: Academic Press. Pp. 265-301.

**Goldinger, S.D.**, Palmeri, T.J., & Pisoni, D.B. (1992). Words and voices: Perceptual details are preserved in lexical representations. In J. Ohala, T. Nearey, B. Derwing, M. Hodge, & G. Wiebe (Eds.), ***Proceedings of the International Conference on Spoken Language Processing***. Alberta, Canada: University of Alberta Press. Pp. 591-594.

Luce, P.A., Pisoni, D.B., & **Goldinger, S.D.** (1990). Similarity neighborhoods of spoken words. In G. Altmann (Ed.), ***Cognitive Models of Speech Processing***. Cambridge: MIT Press. Pp. 122-147.

Published Summaries

\*Walenchok, S., Hout, M.C., & Goldinger, S.D. (2013). What does that picture sound like to you? Oculomotor evidence for phonological competition in visual search. Summary published in Object Perception, Attention, and Memory (OPAM) 2013 Conference Report, ***Visual Cognition***, ***21***, 718-722.

\*Hout, M.C., & **Goldinger, S.D.** (2011). Multiple-target search increases workload but enhances incidental learning: A computational modeling approach to a memory paradox. Summary published in Object Perception, Attention, and Memory (OPAM) 2011 Conference Report, ***Visual Cognition, 19***, 18-21.

Popular Scientific Writing

\*Hout, M.C., & **Goldinger, S.D.** (2013). To see or not to see. Spotting what we're looking for seems simple. It isn't. ***Scientific American Mind***, **24(3)**, 60-67.

http://www.scientificamerican.com/article.cfm?id=how- your-eyes-search- scene&WT.mc\_id=SA\_MND\_20130606

Citations / Impact Factor(Google Scholar; November, 2017)

Total Since 2012

Citations: 6766 3003

h-index: 35 29

i10-index: 56 43

Source: <https://scholar.google.com/citations?user=M7lWv3sAAAAJ&hl=en>

High-Interest Articles(Altmetric.com)

Note: Altmetric is a database service that tracks media attention for scientific articles, including news stories, twitter, etc. Altmetric scores indicate the relative “impact” of each article, percentiled by journal.

**Goldinger, S.D.**, Papesh, M.H., Barnhart, A.S., Hansen, W.A., & Hout, M.C. (2016). The

poverty of embodied cognition. ***Psychonomic Bulletin & Review, 23***, 959-978*.*  Altmetric Score (August, 2016): **74, 96th** percentile.

Wixted, J.T., Squire, L.R., Jang, Y., Papesh, M.H., **Goldinger, S.D**., Kuhn, J., Smith, K.A., Treiman, D.M., & Steinmetz, P.N. (2014). Sparse and distributed coding of episodic memory in neurons of the human hippocampus. ***Proceedings of the National Academy of Sciences, USA, 111***, 9621-9626. Altmetric Score (February, 2016): **148**, **99th**

percentile.

Valdez, A.B., Papesh, M.H., Treiman, D.M., Smith, K.A., **Goldinger, S.D.**, & Steinmetz, P.N. (2015). Distributed visual representation of objects by single neurons in the human brain. ***Journal of Neuroscience***, ***35***, 5180-5186. Altmetric Score (February, 2016):

**62**, **98th** percentile.

Papesh, M.H., & **Goldinger, S.D**. (2014). Infrequent identity mismatches are frequently undetected. ***Attention, Perception, & Psychophysics, 76***, 1335-1349. Altmetric Score

(February, 2016): **36**, **98th** percentile.

**Goldinger, S.D**., & Papesh, M.H. (2012). Pupil dilation reflects the creation and retrieval of

memories. ***Current Directions in Psychological Science, 21***, 90-95. Altmetric Score

(June, 2017): **36**, **95th** percentile.

\*Barnhart, A.S., & **Goldinger, S.D.** (2014). Blinded by magic: Eye-movements reveal the misdirection of attention. ***Frontiers in Psychology***, 5:1461. doi: 10.3389/fpsyg.

2014.01461. Altmetric Score (February, 2016): **11**, **91st** percentile.

Selected Research Coverage in the Media

Vo, M. (2015, December 16). Telling apart Santas, stockings, and sneaky Waldos: Ho-Ho-How similar is similar? <http://www.psychonomic.org/featured-content-detail/telling-apart-santas-stockings-sneaky-waldos-ho-ho>

Quenqua, D. (2014, June 23).Where personal memories take root. *The New York Times.* [*http://www.nytimes.com/2014/06/24/science/where-personal-memories-take-root.html?\_r=1*](http://www.nytimes.com/2014/06/24/science/where-personal-memories-take-root.html?_r=1)

Mohan, G. (2014, June 16). What did you do today? Your brain ‘remembers’ it cell by cell. *The Los Angeles Times.* [*http://www.latimes.com/science/sciencenow/la-sci-sn-brain-memory-cell-20140616-story.html*](http://www.latimes.com/science/sciencenow/la-sci-sn-brain-memory-cell-20140616-story.html)

Askt, D. (2014, March 14). The face of our ID problem. *The Wall Street Journal*. <http://online.wsj.com/news/articles/SB10001424052702303730804579435624281668950>

Matching faces to IDs fails often. (2014, March 3). *The Huffington Post*. <http://www.huffingtonpost.com/2014/03/12/face-matching-errors_n_4949507.html>

Papesh, M. H. (2014, March 24). How hard is it to catch a fake passport? *Scientific American Mind Guest Blog:* <http://blogs.scientificamerican.com/mind-guest-blog/2014/03/24/how-hard-is-it-to-catch-a-fake-passport/>

Papesh, M. H. (2014, March 16). Interview by Arun Rath [audio podcast]. Photo identification: The ‘best and worst way’ to ID people. *NPR, All Things Considered*. <http://www.npr.org/2014/03/16/290677528/photo-identification-the-best-and-worst-way-to-id-people>

Zanor, C. (2012, September 1). Why cursive is hard to read. *The Boston Globe*.

Submitted Manuscripts / In Revision / In Preparation

\*Barnhart, A.S., & **Goldinger, S.D.** (submitted). The cockeyed thatcher illusion: The relationship of global and local feature orientations affects holistic face processing. Submitted to: ***Perception.***

\*Hansen, W.A., & **Goldinger, S.D.** (in revision). An examination of the tagging and selective search theory of directed forgetting. Submitted to ***Journal of Experimental Psychology: Learning, Memory, & Cognition.***

**Goldinger, S.D.,** \*Hout, M.C., & \*Hansen, W.A. (in revision). Keep your eye on the ball: Working-memory capacity predicts psychomotor precision. Submitted to ***Journal of Experimental Psychology: Learning, Memory, & Cognition.***

Valdez, A.B., Treiman, D.M., Smith, K.A., \*Papesh, M.H., **Goldinger, S.D.**, & Steinmetz, P.N. (in revision). Race-selective neurons in the human brain. Submitted to: ***PLOS One***.

**Goldinger, S.D.**, Azuma, T., & \*Bailey, J. (in prep). Perceptual-conceptual tradeoffs in memory for words and voices. Submitted to: ***Journal of Experimental Psychology: Learning, Memory, and Cognition*.**

\*Papesh, M.H., & **Goldinger, S.D.** (in revision). Visual search for racially ambiguous faces: A test of the race-feature hypothesis. Submitted to: ***Journal of Experimental Psychology: Human Perception and Performance****.*

**Goldinger, S.D**. (in preparation). Priming of environmental sounds follows Shepard’s Law.

**Goldinger, S.D**. (in preparation). Perceptual distance effects in voice- and font-specific priming.

**Goldinger, S.D**., \*Palagonia, C.J. (in preparation). Psychological distance effects in cross-task priming.

Papesh, M.H.& **Goldinger, S.D**. (in preparation). Recollection is fast and automatic: Evidence from eye movements and pupillometry.

Papesh, M.H., **Goldinger, S.D.**, Valdez, A.B., Treiman, D.M., Smith, K.S., & Steinmetz, P.N.(in preparation). Single-neuron representations of surface details in continuous recognition memory.

Doctoral Dissertation

**Goldinger, S.D.** (1992). Words and voices: Implicit and explicit memory for spoken words. ***Research on Speech Perception, Technical Report No. 7*.** Indiana University Press.Also: ***Dissertation Abstracts International*. Vol. 53(6-B):** 3189.

Unpublished Technical Reports

Mullennix, J.W., Pisoni, D.B., & **Goldinger, S.D.** (1988). Some effects of time-varying context on perception of speech and nonspeech sounds. **Research on Speech Perception Progress Report No. 14.** Indiana University Press. Pp. 47-79.

**Goldinger, S.D.** (1989). Neighborhood density effects for high frequency words: Evidence for activation-based theories of word recognition. **Research on Speech Perception Progress Report No. 15.** Indiana University Press. Pp. 163-186.

**Goldinger, S.D.** (1989). Movement dynamics and the nature of errors in tongue twisters: An observation and research proposal. **Research on Speech Perception Progress Report No. 15.**  Indiana University Press. Pp. 303-329.

Invited Keynote / Plenary Presentations

**Goldinger, S.D.** (2016). What does that picture sound like? Oculomotor evidence for implicit object naming in visual search. **7th China International Conference on Eye Movements**, Changchun, China.

**Goldinger, S.D.** (2013). The cognitive basis of spontaneous imitation: Evidence from the visual world. **The 21st International Congress on Acoustics.**  Montreal, Canada. Published in **Proceedings of Meetings on Acoustics, Vol. 19,** Pp. 1-6.

**Goldinger, S.D.** (2012). The surprisingly lexical behavior of lexical episodes. **The 13th Conference on Laboratory Phonology.**  Stuttgart, Germany.

**Goldinger, S.D.** (2012). The marriage of perception and memory: New evidence for voice-specific episodes in word perception*.* **The International Association for Forensic Phonetics and Acoustics.** Santander, Spain.

**Goldinger, S.D.** (2007). A complementary-systems approach to abstract and episodic speech perception. Published in **Proceedings of 2007 International Congress on Phonetic Sciences**. Saarbrucken, Germany. Pp. 49-54.

**Goldinger, S.D.** (2004). Gradients in perceptual generalization. Plenary address: **8th International Conference on Cognitive and Neural Systems**, Boston, MA.

**Goldinger, S.D.**, & Azuma, T. (2003). Puzzle-solving science: The quixotic quest for units in speech perception. Keynote address: **Workshop on Temporal Integration in Speech Perception**. Aix-en-Provence, France.

**Goldinger, S.D.** (2000). The role of perceptual episodes in lexical processing. Keynote Address: Published in **Proceedings of the Workshop on Spoken Word Access Processes**. Max-Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.

Pp. 155-158.

**Goldinger, S.D.** (2000). Perceptual episodes in lexical processing. Keynote Address, **Annual Meeting of the American Psychological Association**, Washington, D.C.

Invited University Presentations

**Goldinger, S.D.** (2015). The deep cognitive bases of voice-specific perception and spontaneous imitation. **University of Stuttgart** (Germany).

**Goldinger, S.D.** (2014). RSVPupillometry: Visual search examined using exemplar modeling and psychophysiology. **Kwansei Gakuin University** (Osaka, Japan).

**Goldinger, S.D.** (2012). *Summer Tutorial on Language and Cognition*. Three-day workshop for the Department of Linguistics, **Stanford University**.

**Goldinger, S.D.** (2010). Scribbles and bits: Perception of handwritten words. Colloquium, **University of Pittsburgh**.

**Goldinger, S.D.** (2006). Gradients in perceptual generalization. Cognitive and Linguistic Sciences Colloquium, **Columbia University**.

**Goldinger, S.D.** (2004). Heuristics in memory and perception. Cognitive Science Colloquium, **SUNY-Buffalo**.

**Goldinger, S.D.** (2000). Words and voices: Perception and production in an episodic lexicon. Colloquium, **University of Nevada, Reno**.

**Goldinger, S.D.** (2000). Words and voices: Perception and production in an episodic lexicon. Colloquium, **University of Southern California**.

**Goldinger, S.D.** (1999). Words and voices: Perception and production in an episodic lexicon. Colloquium, **Haskins Laboratories, Yale University**.

**Goldinger, S.D.** (1999). Words and voices: Perception and production in an episodic lexicon. Colloquium, **University of California, San Diego**, November, 1999.

**Goldinger, S.D.** (1994). Open wide and say “blah!” The role of attention in delayed word naming. Colloquium, **Indiana University**.

**Goldinger, S.D.** (1993). What the reader’s eye tells the mind’s ear: Speech dynamics in silent reading. Colloquium, **SUNY-Buffalo**.

International Presentations (Published Abstracts)

\*Walenchok, S.C., **Goldinger, S.D.,** & Hout, M.C. (2016). The low-prevalence effect

counteracts confirmatory bias in visual search. **19th European Conference on Eye Movements**, Wuppertal, Germany*.*

\*Hebert, K. P., & **Goldinger, S.D.** (2017). Eye movements and the label feedback effect: Speaking modulates visual search, but probably not visual perception. **19th European Conference on Eye Movements**, Wuppertal, Germany*.*

\*Hebert, K. P., & **Goldinger, S.D.** (2016). Eye movements and the label feedback effect: Speaking modulates visual search, but probably not visual perception. **Society for the Neurobiology of Language**, London, England*.*

Papesh, M.H.,& **Goldinger, S.D.** (2014). Pupil dilation reveals cognitive effort, and cognitive effortless. **17th World Congress of Psychophysiology**, Hiroshima, Japan.

\*Papesh, M.H., & **Goldinger, S.D.** (2011). The own-race bias is revealed by eye movements across converging memory procedures. **16th European Conference on Eye Movements,**Marseille, France.

\*Hout, M.C., & **Goldinger, S.D.** (2011). Incidental learning speeds visual search by lowering response thresholds, not by improving efficiency. **16th European Conference on Eye Movements,** Marseille, France.

\*Papesh, M.H. & **Goldinger, S.D.** (2011). The own-race bias in face perception: The role of cognitive demand. **5th International Conference on Memory**, York, England.

\*Papesh, M.H. & **Goldinger, S.D**. (2010). The eyes have it: Recollection from episodic memory as a fast, automatic process. **15th World Congress of Psychophysiology**, Budapest, Hungary.

**\*Goldinger, S.D.** & Papesh, M.H. (2009). Pupil dilation as an index of cognitive effort. **Annual Meeting of the Society for Psychophysiological Research,** Berlin, Germany.

\*Papesh, M.H. & **Goldinger, S.D.** (2009). Exploring specificity effects in compound audio-visual memory. **European Society for Cognitive Psychology,**Krakow, Poland.

\*Hout, M.C., & Goldinger, S.D. (2009). Eye-movements in repeated visual search. **European Society for Cognitive Psychology,** Krakow, Poland**.**

\*Papesh, M.H. & **Goldinger, S.D.** (2008). Deficits in other-race face recognition: No evidence for encoding-based effects. **Experimental Psychology Society**, University of Liverpool.

Domestic Presentations (published abstracts)

Barnhart, A.S., Goldinger, S.D., & Steinert, A.M. (2016). The cockeyed Thatcher effect: The

relationship of global and local feature orientations affects face processing. **Psychonomic Society**, Boston, MA.

\*Walenchok, S.C., **Goldinger, S.D.,** & Hout, M.C. (2016). The low-prevalence effect

counteracts confirmatory bias in visual search. **Psychonomic Society**, Boston, MA.

\*Hebert, K., & **Goldinger, S.D.** (2016). The label feedback effect: Speaking modulates visual

search, but probably not visual perception. **Psychonomic Society**, Boston, MA.

Barnhart, A.S., Costela, F., McCamy, M.B., Martinez-Conde, M., Macknik, S.L., & **Goldinger,**

**S.D**. (2016). Making the covert overt: Eye-movements reveal the misdirection of gaze and attention. **Vision Sciences Society**, St. Petersburgh, Florida.

Sabik, M., Scarince, C., Papesh, M.H., Godwin, H.J., Goldinger, S.D., & Hout, M.C. (2016).

Rare targets induce less “perceptual readiness:” Evidence from pupillometry. **Vision**

**Sciences Society**, St. Petersburgh, Florida.

\*Walenchok, S.C., **Goldinger, S.D.,** & Hout, M.C. (2016). Examining confirmatory strategies

in visual search: People are more flexible than you think. **Vision Sciences Society**, St.

Petersburgh, Florida.

\*Walenchok, S.C., Godwin, H.J., Houpt, J.W., Hout, M.C., & **Goldinger, S.D.** (2015). Greater than parallel: Distinguishing features can be combined for efficient object identification in dual-target search. **Psychonomic Society**, Chicago, Illinois.

Barnhart, A.S., Costela, F., McCamy, M.B., Martinez-Conde, M., Macknik, S.L., & **Goldinger,**

**S.D**. (2016). Making the covert overt: Eye-movements reveal the misdirection of gaze and attention. **Psychonomic Society**, Chicago, Illinois.

\*Jones, K.P., & Goldinger, S.D. (2015). Evidence against the phenomenon of hemispheric

lateralization in categorical perception. **Psychonomic Society**, Chicago, Illinois

Hout, M.C., Godwin, H.J., \*Walenchok, S., Houpt, J.W., & **Goldinger, S.D**. (2015). Faster than the speed of rejection: Object identification processes during visual search for multiple targets. **Vision Sciences Society**, St. Petersburgh, Florida.

\*Walenchok, S.C., Hout, M.C., & **Goldinger, S.D.** (2015). Phonological interference in visual search: Object names are automatically activated in non-linguistic tasks. **Vision Sciences Society**, St. Petersburgh, Florida.

Hout, M.C., \*Walenchok, S.C., **Goldinger, S.D**., & Wolfe, J.M. (2014). The low-prevalence effect is due to failures of attention, not premature search termination or motor errors: Evidence from passive search and eye-movements. **Vision Sciences Society**, St. Petersberg, Florida.

\*Walenchok, S.C., Hout, M.C., & **Goldinger, S.D**. (2014). Categorical contextual cueing in visual search. **Vision Sciences Society**, St. Petersberg, Florida.

\*Walenchok, S.C., Hout, M.C., & **Goldinger, S.D**. (2014). Beanie and the Beast: Articulatory suppression fails to inhibit covert object-naming during visual search. **22nd annual Object Perception, Attention and Memory conference**, Long Beach, California.

Ratiu, I., Hout, M.C., \*Walenchok, S.C., Azuma, T., & Goldinger, S.D. (2014). The bilingual switching advantage investigated using a visual search task. **22nd annual Object Perception, Attention and Memory conference**, Long Beach, California.

Papesh, M.H., & **Goldinger, S.D.** (2013). A persistent low-prevalence effect in face matching. **Psychonomic Society**, Toronto, Canada.

Barnhart, A.S. & **Goldinger, S.D.** (2013). The misdirection of attention in time: Insights from magicians. **Psychonomic Society**, Toronto, Canada.

Hout, M.C., Papesh, M.H. & **Goldinger, S.D.** (2013). Pupil size reveals template construction and target detection in RSVP search. **Psychonomic Society**, Toronto, Canada.

\*Walenchok, S.C., Hout, M.C., & **Goldinger, S.D.** (2013). What does that picture sound like to you? Oculomotor evidence for phonological competition in visual search. Paper presented at the **21st annual Object Perception, Attention and Memory conference**: Toronto, Canada (November, 2013).

\*Walenchok, S., \*Hout, M.C., & **Goldinger, S.D.** (2013). Is an image worth a phonological representation? **Vision Sciences Society**, Naples, Florida.

Ratiu, I., Hout, M.C., Azuma, T., & **Goldinger, S.D.** (2013). The bilingual advantage investigated using visual search. **21st annual Object Perception, Attention and Memory conference**, Toronto, Canada.

\*Hout, M.C., & **Goldinger, S.D.** (2013). Tortoise or hare? Picture-derived target 'templates' quicken search but are prone to decay. Word-derived templates slow search but are stable over time. **Vision Sciences Society**, Naples, Florida.

\*Hout, M.C., & **Goldinger, S.D**. (2012). Small perceptual differences cause big problems when they make your “target template” imprecise. **20th annual Object Perception, Attention and Memory conference**, Minneapolis.

\*Barnhart, A.S. & **Goldinger, S.D.** (2012). Word superiority and memorial inferiority for handwriting. **Psychonomic Society**, Minneapolis.

Papesh, M.H., & **Goldinger, S.D.** (2012). Are eye movements “functional” for memory? **Psychonomic Society**, Minneapolis.

**Goldinger, S.D.**, Valdez, A.B., Papesh, M.H., & Steinmetz, P.N. (2012). Single-neuron responses to emotional expressions in the human brain. **Society for Neuroscience**, New Orleans.

Wixted, J.T., Papesh, M.H., **Goldinger, S.D.**, & Steinmetz, P.N. (2012). Representation of episodic memory strength by single neurons in the human hippocampus. **Society for Neuroscience**, New Orleans.

Papesh, M.H., Valdez, A.B., Treiman, D., Smith, K., **Goldinger, S.D.**, & Steinmetz, P.N. (2012). Race-selective neurons in the human brain. **Society for Neuroscience**, New Orleans.

\*Hout, M.C., \*Papesh, M.H., & **Goldinger, S.D.** (2012). RSVPupillometry: Incidental memory and psychophysiology in rapid-serial multiple-target search. **Vision Sciences Society**, Naples, Fl.

\*Barnhart, A.S. & **Goldinger, S.D.** (2012). Using magic to reconcile inattentional blindness and attentional misdirection. **Vision Sciences Society**, Naples, Fl.

Valdez, A.B., Papesh, M.H., Treiman, D., Smith, K., **Goldinger, S.D.**, & Steinmetz, P.N. (2011). Distributed visual representation of objects by single neurons in the human brain. **Society for Neuroscience,** Washington, D.C.

Steinmetz, P.N., Papesh, M.H., Valdez, A., Treiman, D., Smith, K., & Goldinger, S.D. (2011). Single-neuron activity reflects source of memory in the human medial temporal lobe. **Society for Neuroscience,** Washington, D.C.

\*Papesh, M.H. & **Goldinger, S.D.** (2011). Response dynamics reveal underlying memory strength. **Psychonomic Society**, Seattle.

\*Papesh, M.H., \*Hout, M.C., & **Goldinger, S.D.** (2010). Eye movements and pupil dilations reveal fast, voice-specific priming. **Psychonomic Society**, St. Louis.

Steinmetz, P.N., **Goldinger, S.D**., \*Papesh, M.H., & Treiman, D. (2010). Single-neuron responses in continuous recognition memory for printed words. **Psychonomic Society**, St. Louis.

Steinmetz, P.N., **Goldinger, S.D**., \*Papesh, M.H., & Treiman, D. (2010). Repetition enhances single neuron responses to word recognition in human anterior cingulate cortex. **Society for Neuroscience**, San Diego.

\*Barnhart, A., & **Goldinger, S.D.** (2010). Get a grip: Motor contributions to handwritten word recognition. **Neurobiology of Language**, San Diego.

\*Papesh, M.H., **Goldinger, S.D**., & Killeen, P.R. (2009). Different places for identical faces:  Perceptual space "shrinks" for other races. **Psychonomic Society**, Boston.

\*Barnhart, A., & **Goldinger, S.D.** (2009). Hemispheric asymmetries in handwritten word recognition. **Society for Neuroscience**, Chicago.

\*Barnhart, A., **Goldinger, S.D.**, & Perfetti (2009). Get a grip and go for Broca. **Psychonomic Society**, Boston.

\*Hout, M.C., \*Ferguson, R.W., Homa, D., & **Goldinger, S.D.** (2009). Testing a fast, efficient method for multidimensional scaling. **Psychonomic Society**, Boston.

\*Hansen, W.A., & **Goldinger, S.D.** (2009). Effects of perceptual and conceptual cues in a response switching task. **Psychonomic Society**, Boston.

\*Papesh, M.H. & **Goldinger, S.D.** (2008). Pupil-blah-metry: Word frequency reflected in cognitive effort. **Psychonomic Society**, Chicago.

\*Barnhart, A., & **Goldinger, S.D.** (2007). Interpreting chicken-scratch: Lexical access with handwritten words. **Psychonomic Society**, Long Beach.

\*Smith, J.F., Husain, F., Pajor, N., **Goldinger, S.D.**, Chen, K., Alexander, G., & Horwitz, B. (2007). Functional neuroimaging of immediate, remote, and linguistic visual-to-auditory paired associates memory. **Society for Neuroscience**, San Diego.

\*He, Y., & **Goldinger, S.D.** (2006). The other-race effect in memory: Evidence from eye- movements. **Psychonomic Society**, Houston.

Kleider, H.M., & **Goldinger, S.D.** (2005). Heuristic influences on the false recognition of imagined events. **Psychonomic Society**, Toronto.

\*Hansen, W.A., & **Goldinger, S.D.** (2005). Taboo: A naturalistic study on mental control. **Psychonomic Society**, Toronto.

\*Baysa, J.E., Azuma, T., **Goldinger, S.D.**, Connor, D.J., Sabbagh, M., & Caselli, R.J. (2004). Semantic satiation in aging and dementia. **Psychonomic Society**. Minneapolis, MN.

\*Becker, D.V., & **Goldinger, S.D.** (2003). Angry faces do not “pop out” of ecologically valid crowds. **Psychonomic Society**. Vancouver, Canada.

\*Smith, J.F., Stone, G.O., & **Goldinger, S.D.** (2003). Competition effects in written word perception. **Psychonomic Society**. Vancouver, Canada.

\*Davie, J., Azuma, T., **Goldinger, S.D.**, Connor, D.J., & Sabbagh, M. (2002). Positive priming and hyper-inhibition in Mild Cognitive Impairment. **Psychonomic Society**, Kansas City.

\*Kleider, H.M., & **Goldinger, S.D.** (2000). Stereotyping Ricochet: Effects of Race on Identification Accuracy. **Psychonomic Society**, New Orleans.

Pisoni, D.B., Lewellen, M.J., **Goldinger, S.D.**, & Greene, B.G. (1991). Individual differences in

lexical fluency: Bigger is better. **Psychonomic Society**, San Francisco.

**Goldinger, S.D.**, & Summers, W.V. (1989). Lexical neighborhoods in speech production: A first report. **Acoustical Society of America**, Syracuse.

**Goldinger, S.D.**, Luce, P.A., & Pisoni, D.B. (1988). Acoustic-phonetic priming in spoken word recognition: Test of the neighborhood activation model. **Psychonomic Society**, Chicago.

Teaching and Mentoring

*Note: The scale for “overall evaluation score” ranges from* ***1 to 5,*** *with*

*1.00 reflecting the highest possible score*.

**PGS 101: Introduction to Psychology (undergraduate).** Introductory course covering a broad sample of disciplines in psychology. It is required for all majors, and also satisfies distribution requirements for many other majors. As shown, I most often teach large sections (> 400 students).

Fall 1996 125 Students Mean Evaluation Score: **1.13**

Spring 1997 118 Students Mean Evaluation Score: **1.04**

Fall 1997 101 Students Mean Evaluation Score: **1.17**

Fall 1999 134 Students Mean Evaluation Score: **1.05**

Fall 2000 418 Students Mean Evaluation Score: **1.44**

Fall 2001 429 Students Mean Evaluation Score: **1.18**

Spring 2002 101 Students Mean Evaluation Score: **1.32**

Fall 2002 435 Students Mean Evaluation Score: **1.11**

Fall 2003 462 Students Mean Evaluation Score: **1.13**

Fall 2004 452 Students Mean Evaluation Score: **1.14**

Fall 2006 456 Students Mean Evaluation Score: **1.17**

Spring 2009 457 Students Mean Evaluation Score: **1.30**

Spring 2012 448 Students Mean Evaluation Score: **1.19**

**PGS 101: Introduction to Psychology (Flipped/Hybrid Model).** Introductory course covering a broad sample of disciplines in psychology. In this new version (currently in development as of October, 2015), we have created online materials (text and video), and are using in-class sessions for active learning. The goal is to maximize student success, although our results are not yet known, by reducing the “high-stakes” nature of delivering too much content via live lecture.

Fall, 2015 74 Students Mean Evaluation Score: **1.31**

Fall, 2015 73 Students Mean Evaluation Score: **1.28**

Fall, 2016 71 Students Mean Evaluation Score: **1.90**

**PGS 101: Introduction to Psychology (PROMOD).** This is another experimental course, being offered in the current semester (Fall, 2015). The course is an integrated experience, with Psychology 101, Human Development (CDE 232), English Composition (ENG 101/105), and Achieving Academic Success (PSY 191) all combined in a *project-based learning* curriculum. The students took 12 credit hours, with me as the lead instructor responsible for their success.

Fall, 2015 54 Students Mean Evaluation Score: **1.75**

**PSY 290: Research Methods (undergraduate).** Required methods course, including both lecture and laboratory sections. Topics include experimental design, statistics, APA writing, and ethics. It is required for all majors.

Spring 1993 82 Students Mean Evaluation Score: **1.59**

Fall 1994 88 Students Mean Evaluation Score: **1.09**

**PSY 230 / 290 / 324 (PROMOD).** This was an experimental course, integrating Statistics (PSY 230), Research Methods (PSY 230) and Memory & Cognition (PSY 324). The course combined active learning and project-based learning. The students took 13 credit hours, with me as the sole instructor.

Spring 2016 57 Students Mean Evaluation Score: **1.55**

**PSY 324: Memory and Cognition (undergraduate).** Primary upper-division course in Cognitive Psychology, with emphases on perception, attention, memory, language, and reasoning.

Spring 1993 39 Students Mean Evaluation Score: **1.25**

Summer 1993 45 Students Mean Evaluation Score: **1.40**

Fall 1993 a 46 Students Mean Evaluation Score: **1.30**

Fall 1993 b 55 Students Mean Evaluation Score: **1.02**

Summer 1994 75 Students Mean Evaluation Score: **1.09**

Spring 1995 80 Students Mean Evaluation Score: **1.25**

Fall 1995 68 Students Mean Evaluation Score: **1.22**

Spring 2000 52 Students Mean Evaluation Score: **1.09**

Spring 2003 42 Students Mean Evaluation Score: **1.03**

Spring 2004 87 Students Mean Evaluation Score: **1.00**

Spring 2007 82 Students Mean Evaluation Score: **1.08**

Spring 2008 86 Students Mean Evaluation Score: **1.11**

Spring 2010 41 Students Mean Evaluation Score: **1.06**

Spring 2011 82 Students Mean Evaluation Score: **1.15**

Fall 2011 99 Students Mean Evaluation Score: **1.40**

Spring 2015 82 Students Mean Evaluation Score: **1.27**

**PSY 498: Psychology of Language (undergraduate).** Cross-listed course, taken by advanced undergraduate students and by graduate students. We cover many topics in psycholinguistics, including history, speech perception, theories of syntax, reading, and development.

Fall 1994 15 Students Mean Evaluation Score: **1.00**

Fall 1997 12 Students Mean Evaluation Score: **1.00**

Fall 2002 16 Students Mean Evaluation Score: **1.15**

Fall 2009 26 Students Mean Evaluation Score: **1.13**

Spring 2012 18 Students Mean Evaluation Score: **1.08**

**PSY 591: Spoken Language Processing (graduate).** Graduate seminar focused on speech perception and production.

Fall 1992 9 Students Mean Evaluation Score: **1.00**

**PSY 535: Complex Cognitive Processes (graduate).** Graduate core course in Cognitive Psychology.

Spring 1994 11 Students Mean Evaluation Score: **1.20**

Spring 1996 18 Students Mean Evaluation Score: **1.13**

Fall 2004 10 Students Mean Evaluation Score: **1.00**

Spring 2007 12 Students Mean Evaluation Score: **1.00**

**PSY 591: Memory (graduate).** Graduate seminar focused on various aspects of memory.

Spring 1998 15 Students Mean Evaluation Score: **1.08**

Spring 2001 13 Students Mean Evaluation Score: **1.16**

**PSY 591: Psychology of Language (graduate).** Cross-listed course, taken by advanced undergraduate students and by graduate students. We cover many topics in psycholinguistics, including history, speech perception, theories of syntax, reading, and development.

Fall 1994 15 Students Mean Evaluation Score: **1.00**

Fall 1997 12 Students Mean Evaluation Score: **1.00**

Fall 2002 16 Students Mean Evaluation Score: **1.15**

Fall 2009 26 Students Mean Evaluation Score: **1.13**

Spring 2012 14 Students Mean Evaluation Score: **1.00**

**PSY 591: Multidimensional Scaling / Similarity (graduate).** Graduate seminar focused on scaling and theories of similarity.

Spring 1997 10 Students Mean Evaluation Score: **1.00**

Fall 2008 9 Students Mean Evaluation Score: **1.00**

**PSY 591: Attention (graduate).** Seminar focused on cognitive and neural aspects of attention.

Spring 2013 11 Students Mean Evaluation Score: **1.00**

**Undergraduate Research Assistants.** Since 1992, I have had over 150 undergraduate students work as research assistants in my laboratory. Most received course credit, and most wrote research reports. Typically, students in the laboratory learn computer skills, data analysis, and other aspects of conducting research.

**Undergraduate Honors Theses:**

**Pushpam Jain** (1994). *“Is working memory a component of word recognition?”*

**Virginia Diaz** (2001). *“Perceptual-conceptual tradeoffs in memory for names”*

**Christine Lippman** (2001). *“Working memory and the emotional Stroop effect”*

**Whitney Hansen** (2004). *“Remembering by the seat of your pants”*

**Christopher Fagan** (2004). *“Perceptual qualities of foreign speech”*

**Anne Kuni** (2012). *“An evaluation of survival processing”*

**Graduate Students Financially Supported:**

**Marianne Abramson** (1993 - 1999)

**Heather M. Kleider** (1995 - 2002)

**Jeannine Bailey** (1997 - 2000)

**Miguel Moreno** (2000 - 2001)

**Cammie J. Palagonia** (2001 - 2004)

**Lauren Kettle** (2002)

**Mark Blair**  (2000 - 2003)

**D. Vaughn Becker** (2003)

**Flavio DaSilva** (2003)

**Yi He** (2004 - 2006)

**Juliet Davie**  (2002 - 2006)

**Whitney Hansen** (2004 - 2010)

**Michael Hout** (2006 - 2013)

**Anthony Barnhart** (2006 - 2013)

**Megan Papesh** (2006 - 2011)

**Erica Snow** (2011)

**Stephen Walenchok** (2011 - present)

**Katherine Hebert** (2014 - present)

**Casey Phifer** (2014 - present)

**Masters Thesis Committees, as Chair:**

**Marianne Abramson** (Psychology, 1994)

**Heather M. Kleider** (Psychology, 1997)

**Jeannine Bailey** (Psychology, 2000)

**Jason F. Smith** (Psychology, 2004)

**Yi He** (Psychology, 2005)

**Whitney A. Hansen** (Psychology, 2006)

**Megan H. Papesh**  (Psychology, 2008)

**Anthony S. Barnhart** (Psychology, 2009)

**Michael C. Hout** (Psychology, 2009)

**Stephen Walenchok** (Psychology, 2014)

**Katherine Hebert** (Psychology, 2016)

**Casey Phifer** (Psychology, 2017)

**Masters Thesis Committees, as Member:**

**Mickie VanHoy** (Psychology, 1994)

**Robert Ericson** (Speech & Hearing, 1994)

**Richard Zraick** (Speech & Hearing, 1994)

**Katerina Leftheri** (Speech & Hearing, 1996)

**Miguel Moreno** (Psychology, 1997)

**Corey Bohil** (Psychology, 1997)

**Stephanie Spitzer** (Speech & Hearing, 1997)

**Mark Blair**  (Psychology, 1999)

**D. Vaughn Becker** (Psychology, 2001)

**Juliet Davie** (Speech & Hearing, 2002)

**Matthew Sitomer** (Psychology, 2004)

**Andre Valdez** (Psychology, 2006)

**Ryan Ferguson** (Psychology, 2011)

**Dissertation Committees, as Chair:**

**Lawrence Gottlob** Psychology, completed Ph.D., 1995.

*Now*: Associate Professor, ***University of Kentucky***

**Marianne Abramson** Psychology, completed Ph.D., 1999.

*Now*: Lecturer, ***Cal. State U., Bakersfield***

**Heather M. Kleider** Psychology, completed Ph.D., 2001

*Now*: Associate Professor, ***Georgia State University***

**D. Vaughn Becker** Psychology, completed Ph.D., 2005

*Now*: Associate Professor, ***Arizona State University***

**Jason F. Smith**  Psychology, completed Ph.D., 2008

*Now*: Research Scientist, ***NIH***

**Whitney A. Hansen**  Psychology, completed Ph.D., 2011

*Now*: Lecturer, ***Arizona State University***

**Megan H. Papesh** Psychology, completed Ph.D., 2012

*Now*: Assistant Professor, ***Louisiana State University***

**Michael C. Hout** Psychology, completed Ph.D., 2013

*Now*: Assistant Professor, ***New Mexico State University***

**Anthony S. Barnhart** Psychology, completed Ph.D., 2013

*Now*: Assistant Professor, ***Carthage College***

**Dissertation Committees, as Member:**

**David R. Bohnsack** Psychology, completed Ph.D., 1994

**Lisa Cramer** Psychology, completed, Ph.D., 1996

**Safa R. Zaki** Psychology, completed, Ph.D., 1996

**Mickie Vanhoy** Psychology, completed, Ph.D., 1997

**Richard Zraick** Speech & Hearing, completed Ph.D., 1998

**Edward Smith** Computer Science, completed Ph.D., 1999

**Stephanie Spitzer** Speech & Hearing, completed Ph.D., 2002

**Miguel Moreno** Psychology, completed Ph.D., 2002

**Jon Maner** Psychology, completed Ph.D., 2003

**Mark Blair** Psychology, completed Ph.D., 2003

**Julie Patock-Peckham** Psychology, completed Ph.D., 2005

**Noah Goldstein** Psychology, completed Ph.D., 2007

**Andre Valdez** Psychology, completed Ph.D., 2009

**Brett Ball** Psychology, completed Ph.D., 2015

**Ileana Ratiu** Speech & Hearing, completed Ph.D., 2015

**Dongchen Xu** Psychology, completed Ph.D., \*\*\*

Professional Service

**Associate Editor,** *Psychonomic Bulletin & Review* (2006 – 2010)

*Psychonomic Bulletin & Review* (2015 – present)

**Editorial Board,** *Psychonomic Bulletin & Review* (1999 – 2005)

*Journal of Experimental Psychology: Human Perception & Performance* (2000 – 2005)

*Perception & Psychophysics* (2002 –2007)

*Applied Psycholinguistics* (2002 – 2008)

**Grant Review Panels:**

*NIH / CSR Cognition and Perception (CP).* 2012 – 2016.

*NIH / CSR Language and Communication (LCOM; formerly BBBP-3).* 2002 – 2006.

*NIH / CSR Special Emphasis Panel for Small Grant (R03) Program*. December 2002, December 2003, February 2004.

*NIH / CSR Panel for Fellowships (F31 and F32)*. March, 2008.

*NIH / CSR Special Emphasis Panel for NIDA*. March 2003.

*NIH / CSR Special Emphasis Panel for NICHD*. June 2005, February 2006, November, 2007, June 2008, October, 2008, March 2009, October, 2010, November, 2016.

*NSF / Perception, Action, and Cognition*. 2005-2012 (periodic).

**Professional Societies:**

*Psychonomic Society* (since 1997)

*American Psychological Association*

Elected Fellow, *APA Division 3* (since 2003)

*American Psychological Society*

*Acoustical Society of America*

*American Association for the Advancement of Science*

*Society of Experimental Psychologists* (since 2004)

**Major Department and University Service** ***(minor committees excluded)*:**

Area Director: Cognitive Systems / Behavioral Neuroscience: 1995-2003.

Faculty Evaluation Committee: 1994-1996; 2010-2011

Chair, Department Colloquium Committee: 1994.

Chair, Faculty Search (Cognitive): 1994.

Chair, Technical Support Search: 1996.

Chair, Faculty Search (Cognitive): 1997.

Member, Department Chair Search Committee 1997.

Academic Senator 2003-2005; 2009-2012

College Senator 2003-2005; 2009-2012

Member, Department Chair Search Committee 2004.

Member, Department Planning Committee 2005 – 2006.

Chair, Faculty Search (Neuroscience) 2005.

University Governance Grievance Committee 2006 – 2008.

Chair, Faculty Search (Cognitive): 2009-2010.

Chair, Faculty Evaluation Committee: 2012