

# Stephen D. Goldinger

Curriculum Vitae (Updated May, 2012)

Department of Psychology  
Arizona State University  
Office: (480) 965-0127

Box 871104  
Tempe, Arizona 85287-1104  
**goldinger@asu.edu**

## Education

### *Indiana University, Bloomington*

|       |       |                              |
|-------|-------|------------------------------|
| 1992: | Ph.D. | Cognitive Psychology         |
| 1987: | B.A.  | Psychology ( <i>Honors</i> ) |

## Academic Employment

|                     |   |
|---------------------|---|
| Professor           | Department of Psychology, Arizona State University<br>July, 2005 – Present    |
| Associate Professor | Department of Psychology, Arizona State University<br>July, 1998 – June, 2005 |
| Assistant Professor | Department of Psychology, Arizona State University<br>July, 1992 – June, 1998 |

## Other Professional Positions

|                            |  |
|----------------------------|--|
| Associate Editor,          | <i>Psychonomic Bulletin &amp; Review</i> , 2006 – 2010.                                    |
| Consulting Editor,         | <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000 – 2005. |
| Consulting Editor,         | <i>Perception &amp; Psychophysics</i> , 2002 – 2006.                                       |
| Consulting Editor,         | <i>Applied Psycholinguistics</i> , 2002 – 2007.  |
| NIH Grant Review Panelist, | <i>Language and Communication</i> , June 2002 – 2007.                                      |
| NSF Grant Review Panelist, | <i>Perception and Cognition</i> , 2005 – 2005.   |

## Research and Scholarship

### Academic Honors

**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, Parents' Association Professor of the Year**, 2005, 2010.

## Grants and Awards

- 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**.
- Arizona State University: *Investigator Incentive Awards* (given to recognize timely and successful grant renewals). Continuously awarded since 1995.

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

- \*Papesh, M.H., & Goldinger, S.D. (in press). Memory in motion: Movement dynamics reveal memory strength. **Psychonomic Bulletin & Review**, **\*\*\***, **\*\*\*-\*\*\***.
- \*Hout, M.C., Goldinger, S.D., & Ferguson, R.W. (in press). The versatility of SpAM: A fast, efficient, spatial method of data collection for multidimensional scaling. **Journal of Experimental Psychology: General**, **\*\*\***, **\*\*\*-\*\*\***.
- 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: Attention 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.
- \*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.
- \*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.
- 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.
- 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 words: Two-way mirror effects. **Memory & Cognition**, **34**, 1495-1511.
- Goldinger, S.D.**, & \*Hansen, W.A. (2005). Recognition by the seat of your pants. **Psychological Science**, **16**, 525-529.
- \*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.
- 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.
- \*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.
- 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.
- 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.
- 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.
- \*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.
- 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.
- 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.

**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.

**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.

**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.** (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**

\*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**, 18-21.

### **Submitted Manuscripts**

**Goldinger, S.D.**, \*Hout, M.C., & \*Hansen, W.A. (submitted). Keep your eye on the ball: Working-memory capacity predicts psychomotor precision. Submitted to **Journal of Experimental Psychology: Human Perception and Performance**.

Valdez, A.B., \*Papesh, M.H., Treiman, D.M., Smith, K.A., **Goldinger, S.D.**, & Steinmetz, P.N. (submitted.). Distributed visual representation of objects by single neurons in the human brain. Submitted to: **Journal of Neuroscience**.

Valdez, A.B., Treiman, D.M., Smith, K.A., \*Papesh, M.H., **Goldinger, S.D.**, & Steinmetz, P.N. (submitted). Race-selective neurons in the human brain. **Proceedings of the National Academy of Sciences**.

\*Barnhart, A.S., & **Goldinger, S.D.** (submitted). Orthographic and phonological neighborhood effects in handwritten word perception: Comment on Mulatti, Reynolds, and Besner (2006). Submitted to **Journal of Experimental Psychology: Human Perception and Performance**.

\*Barnhart, A.S., & **Goldinger, S.D.** (submitted). A powerful perceptual effect in reading rotated, handwritten words. Submitted to **Cognition**.

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

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

### **Textbook in Progress**

Azuma, T., & **Goldinger, S.D.** (in preparation). **The Science and Psychology of Language**. Sage Publishing.

### **Work in Progress** *(all data collected, writing underway)*

**Goldinger, S.D.**, Luce, P.A., & Van Orden, G.C. (in preparation). Puzzle-solving science: Dynamic units of speech perception. Intended for submission to: **Behavioral and Brain Sciences**.

**Goldinger, S.D.** (in preparation). Perceptual satiation of vowels. Intended for submission to **Nature**.

**Goldinger, S.D.** (in preparation). Priming of environmental sounds follows Shepard's Law. Intended for submission to: **Perception and Psychophysics**.

**Goldinger, S.D.** (in preparation). Perceptual distance effects in voice- and font-specific priming. Intended for submission to: **Journal of Experimental Psychology: Learning, Memory, and Cognition**.

**Goldinger, S.D.**, \*Palagonia, C.J. (in preparation). Psychological distance effects in cross-task priming. Intended for submission to: **Memory & Cognition**.

### **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 Addresses**

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

**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.**, & 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.** (2004). Gradients in perceptual generalization. Plenary address: **8<sup>th</sup> International Conference on Cognitive and Neural Systems**, Boston, MA.

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

**Goldinger, S.D.** (2012). \*\*\*. Stuttgart, Germany.

**Goldinger, S.D.** (2012). \*\*\*. Santander, Spain.

### **Invited University Colloquia**

**Goldinger, S.D.**, & Abramson, M. What the reader's eye tells the mind's ear: Speech dynamics in silent reading. Colloquium, **SUNY-Buffalo**, September 1993.

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

**Goldinger, S.D.** Words and voices: Perception and production in an episodic lexicon. Colloquium, **Haskins Laboratories, Yale University**, October, 1998.

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

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

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

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

**Goldinger, S.D.** Gradients in perceptual generalization. Cognitive and Linguistic Sciences Colloquium, **Columbia University**. September, 2004.

### **International Conference Presentations** (*published abstracts*)

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

**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.** (2010). The eyes have it: Recollection from memory as a fast, automatic process. **International Organization of Psychophysiology**, Budapest, Hungary.

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

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

### **National Conference Presentations** (*published abstracts*)

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

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

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.

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

\*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.

\*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.

\*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.

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.

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

\*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.

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

\*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., \*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.** (2011). Response dynamics reveal underlying memory strength. **Psychonomic Society**, Seattle.
- 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.
- Hout, M.C., Papesh, M.H., & **Goldinger, S.D.** (2012). RSVPpupillometry: 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 inattention blindness and attentional misdirection. **Vision Sciences Society**, Naples, FL.

## Teaching and Mentoring

### Undergraduate Courses

*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**

This is our standard 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: <b>1.13</b> |
| Spring 1997, | 118 Students | Mean Evaluation Score: <b>1.04</b> |
| Fall 1997,   | 101 Students | Mean Evaluation Score: <b>1.17</b> |
| Fall 1999,   | 134 Students | Mean Evaluation Score: <b>1.05</b> |
| Fall 2000,   | 418 Students | Mean Evaluation Score: <b>1.44</b> |
| Fall 2001,   | 429 Students | Mean Evaluation Score: <b>1.18</b> |
| Spring 2002, | 101 Students | Mean Evaluation Score: <b>1.32</b> |

|              |              |                                    |
|--------------|--------------|------------------------------------|
| Fall 2002,   | 435 Students | Mean Evaluation Score: <b>1.11</b> |
| Fall 2003,   | 462 Students | Mean Evaluation Score: <b>1.13</b> |
| Fall 2004,   | 452 Students | Mean Evaluation Score: <b>1.14</b> |
| Fall 2006,   | 456 Students | Mean Evaluation Score: <b>1.17</b> |
| Spring 2009, | 457 Students | Mean Evaluation Score: <b>1.30</b> |
| Spring 2012, | 448 Students | Mean Evaluation Score: <b>*.**</b> |

### **PSY 290: Research Methods**

This is our 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: <b>1.59</b> |
| Fall 1994,   | 88 Students | Mean Evaluation Score: <b>1.09</b> |

### **PSY 324: Memory and Cognition**

This is our primary upper-division course in Cognitive Psychology, with emphases on perception, attention, memory, language, and reasoning.

|              |             |                                    |
|--------------|-------------|------------------------------------|
| Spring 1993, | 39 Students | Mean Evaluation Score: <b>1.25</b> |
| Summer 1993, | 45 Students | Mean Evaluation Score: <b>1.40</b> |
| Fall 1993 a, | 46 Students | Mean Evaluation Score: <b>1.30</b> |
| Fall 1993 b, | 55 Students | Mean Evaluation Score: <b>1.02</b> |
| Summer 1994, | 75 Students | Mean Evaluation Score: <b>1.09</b> |
| Spring 1995, | 80 Students | Mean Evaluation Score: <b>1.25</b> |
| Fall 1995,   | 68 Students | Mean Evaluation Score: <b>1.22</b> |
| Spring 2000, | 52 Students | Mean Evaluation Score: <b>1.09</b> |
| Spring 2003, | 42 Students | Mean Evaluation Score: <b>1.03</b> |
| Spring 2004, | 87 Students | Mean Evaluation Score: <b>1.00</b> |
| Spring 2007, | 82 Students | Mean Evaluation Score: <b>1.08</b> |
| Spring 2008, | 86 Students | Mean Evaluation Score: <b>1.11</b> |
| Spring 2010, | 41 Students | Mean Evaluation Score: <b>1.06</b> |
| Spring 2011, | 82 Students | Mean Evaluation Score: <b>1.15</b> |
| Fall 2011,   | 99 Students | Mean Evaluation Score: <b>1.40</b> |

### **PSY 498: Psychology of Language**

This is a 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: <b>1.00</b> |
| Fall 1997,   | 12 Students | Mean Evaluation Score: <b>1.00</b> |
| Fall 2002,   | 16 Students | Mean Evaluation Score: <b>1.15</b> |
| Fall 2009,   | 26 Students | Mean Evaluation Score: <b>1.13</b> |
| Spring 2012, | 18 Students | Mean Evaluation Score: <b>*.**</b> |

### **Graduate Courses**

**PSY 591: Spoken Language Processing**

This graduate seminar focused on speech perception and production.

|            |            |                                    |
|------------|------------|------------------------------------|
| Fall 1992, | 9 Students | Mean Evaluation Score: <b>1.00</b> |
|------------|------------|------------------------------------|

**PSY 535: Complex Cognitive Processes**

This is our graduate core course in Cognitive Psychology.

|              |             |                                    |
|--------------|-------------|------------------------------------|
| Spring 1994, | 11 Students | Mean Evaluation Score: <b>1.20</b> |
| Spring 1996, | 18 Students | Mean Evaluation Score: <b>1.13</b> |
| Fall 2004,   | 10 Students | Mean Evaluation Score: <b>1.00</b> |
| Spring 2007  | 12 Students | Mean Evaluation Score: <b>1.00</b> |

**PSY 591: Memory**

This graduate seminar focused on various aspects of memory.

|              |             |                                    |
|--------------|-------------|------------------------------------|
| Spring 1998, | 15 Students | Mean Evaluation Score: <b>1.08</b> |
| Spring 2001, | 13 Students | Mean Evaluation Score: <b>1.16</b> |

**PSY 591: Psychology of Language**

This is a 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: <b>1.00</b> |
| Fall 1997,   | 12 Students | Mean Evaluation Score: <b>1.00</b> |
| Fall 2002,   | 16 Students | Mean Evaluation Score: <b>1.15</b> |
| Fall 2009,   | 26 Students | Mean Evaluation Score: <b>1.13</b> |
| Spring 2012, | 14 Students | Mean Evaluation Score: <b>*,**</b> |

**PSY 591: Multidimensional Scaling / Similarity**

This graduate seminar focused on scaling and theories of similarity.

|              |             |                                    |
|--------------|-------------|------------------------------------|
| Spring 1997, | 10 Students | Mean Evaluation Score: <b>1.00</b> |
| Fall 2008,   | 9 Students  | Mean Evaluation Score: <b>1.00</b> |

**Undergraduate Research Assistants**

These students all worked in my laboratory for at least 1 semester. Most received course credit, and most wrote research reports. They all learn computer skills, data analysis, and other aspects of conducting research.

- |                                    |                                      |                                     |
|------------------------------------|--------------------------------------|-------------------------------------|
| • <b>Pushpam Jain</b> (1993-1994)  | • <b>Brian Smith</b> (1993-1994)     | • <b>Chris Felix</b> (1994)         |
| • <b>Vanessa Hendricks</b> (1994)  | • <b>Eric Shelley</b> (1995-1996)    | • <b>Paige Long</b> (1995-1996)     |
| • <b>Kristin Magin</b> (1995-1996) | • <b>Tsing-Hua Chen</b> (1996)       | • <b>Michelle Balhorn</b> (1997)    |
| • <b>Cara Dolan</b> (1997)         | • <b>Dawnyell Linder</b> (1998-1999) | • <b>Jennifer Berry</b> (1998-1999) |

- **Maureen McCauliffe** (1998-1999)
- **Jennifer Berry** (1998-1999)
- **Alice Kirk** (2001-2003)
- **Antonio Morgan-Lopez** (2003)
- **Christopher Fagan** (2003-2004)
- **Erin Bartosik** (2005-2007)
- **Rani Webb** (2006-2007)
- **Natalie Lezaja** (2007-2008)
- **Hannah Messick** (2008)
- **Alyson Wogenrich** (2008)
- **Jessica Dibartolomeo** (2008)
- **Daniel Doggett** (2009)
- **Nickolas Lightner** (2009)
- **Liana Posch** (2009)
- **Christopher Rojas** (2009 – 2010)
- **Amanda Meyers** (2009)
- **Kathryn Krause** (2009 – 2010)
- **Christopher Puddy** (2009–2010)
- **Jonathon Todorow** (2009-2010)
- **Liana Posch** (2009)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Kyle Brady** (2010-2012)
- **Michael Shaw** (1999-2000)
- **Virginia Diaz** (2000-2001)
- **Timothy Schorzman** (2002)
- **Ethan Chamberlain** (2004)
- **Tilitha Doughty** (2005-2006)
- **Kathleen Powers** (2006-2007)
- **Kiera Kunkel** (2006-2007)
- **Nichole Kempf** (2008)
- **Kaitlyn Hermann** (2008)
- **Matthew Fickett** (2008)
- **Holly Sansom** (2008)
- **Alheli Lopez** (2009)
- **Ali Chamseddine** (2009)
- **Brandon Chasse** (2009)
- **Joseph Hamann** (2009)
- **Sebastian Hadinata** (2009)
- **Rommy Inurriaga** (2009-2010)
- **Alannah Coley** (2010)
- **Monica Duran** (2009)
- **Marissa Boardman** (2009)
- **Monica Poore** (2010)
- **Monica Poore** (2010)
- **Monica Poore** (2010)
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- **Monica Poore** (2010)
- **Monica Poore** (2010)
- **Monica Poore** (2010)
- **Monica Poore** (2010)
- **Lori Rogers** (1999)
- **Christine Lippman** (2001)
- **Stacie Donison** (2003)
- **Whitney Hansen** (2003-2004)
- **Grant Hart** (2006-2008)
- **Haley Simkins** (2006-2007)
- **Justin Walsh** (2007-2008)
- **Matthew Corso** (2008)
- **Ya-Ching Yen** (2008)
- **Evan Landtroop** (2008)
- **Nicole Lopez** (2008 – 2009)
- **Aimee Robertson** (2009)
- **Kenneth Myers** (2009)
- **Leah Shaffer** (2009)
- **Nicole Morris** (2009 – 2010)
- **Anna Markin** (2009)
- **Kirsten Keane** (2009-2010)
- **Shawna Peterson** (2009)
- **Grace Campbell** (2010)
- **Lauren Watson** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)
- **Eric Thomas** (2010)

### Undergraduate Honors Theses Supervised

|                                 |  |
|---------------------------------|--|
| <b>Pushpam Jain</b> (1994)      | <i>“Is working memory a component of word recognition?”</i>  |
| <b>Virginia Diaz</b> (2001)     | <i>“Perceptual-conceptual tradeoffs in memory for names”</i> |
| <b>Christine Lippman</b> (2001) | <i>“Working memory and the emotional Stroop effect”</i>      |
| <b>Whitney Hansen</b> (2004)    | <i>“Remembering by the seat of your pants”</i>               |
| <b>Christopher Fagan</b> (2004) | <i>“Perceptual qualities of foreign speech”</i>              |
| <b>Anne Kuni</b> (2012)         | <i>“An evaluation of survival processing”</i>                |

### Graduate Students Financially Supported

|                            |               |
|----------------------------|---------------|
| <b>Marianne Abramson</b>   | (1993 - 1999) |
| <b>Heather M. Kleider</b>  | (1995 - 2002) |
| <b>Jeannine Bailey</b>     | (1997 - 2000) |
| <b>Miguel Moreno</b>       | (2000 - 2001) |
| <b>Cammie J. Palagonia</b> | (2001 - 2004) |
| <b>Lauren Kettle</b>       | (2002)        |
| <b>Mark Blair</b>          | (2000 - 2003) |
| <b>D. Vaughn Becker</b>    | (2003)        |

|                  |                  |
|------------------|------------------|
| Flavio DaSilva   | (2003)           |
| Yi He            | (2004 - 2006)    |
| Juliet Davie     | (2002 - 2006)    |
| Whitney Hansen   | (2004 - present) |
| Michael Hout     | (2006 - present) |
| Anthony Barnhart | (2006 - present) |
| Megan Papesh     | (2006 - present) |
| Erica Snow       | (2011 - present) |
| Steven Walenchok | (2011 - present) |

## **Masters Thesis Committees**

### ***As chair:***

|                    |                                       |
|--------------------|---------------------------------------|
| Marianne Abramson  | (Psychology, completed masters, 1994) |
| Heather M. Kleider | (Psychology, completed masters, 1997) |
| Jeannine Bailey    | (Psychology, completed masters, 2000) |
| Jason F. Smith     | (Psychology, completed masters 2004)  |
| Yi He              | (Psychology, completed masters, 2005) |
| Whitney A. Hansen  | (Psychology, completed masters, 2006) |
| Megan Papesh       | (Psychology, completed masters, 2008) |
| Anthony Barnhart   | (Psychology, completed masters, 2009) |
| Michael Hout       | (Psychology, completed masters, 2009) |
| Erica Snow         | (Psychology, pending)                 |
| Steven Walenchok   | (Psychology, pending)                 |

### ***As member:***

|                   |   |
|-------------------|---|
| Mickie VanHoy     | (Psychology, completed masters, 1994)       |
| Robert Ericson    | (Speech & Hearing, completed masters, 1994) |
| Richard Zraick    | (Speech & Hearing, completed masters, 1994) |
| Katerina Leftheri | (Speech & Hearing, completed masters, 1996) |
| Miguel Moreno     | (Psychology, completed masters, 1997)       |
| Corey Bohil       | (Psychology, completed masters, 1997)       |
| Stephanie Spitzer | (Speech & Hearing, completed masters, 1997) |
| Mark Blair        | (Psychology, completed masters, 1999)       |
| D. Vaughn Becker  | (Psychology, completed masters, 2001)       |
| Juliet Davie      | (Speech & Hearing, completed masters, 2002) |
| Matthew Sitomer   | (Psychology, completed masters, 2004)       |
| Andre Valdez      | (Psychology, completed masters, 2006)       |
| Ryan Ferguson     | (Psychology, completed masters, 2011)       |

## **Dissertation Committees**

### ***As chair:***

|                  |                                    |
|------------------|------------------------------------|
| Lawrence Gottlob | Psychology, completed Ph.D., 1995. |
|------------------|------------------------------------|

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

|                            |  |
|----------------------------|--|
| <b>Marianne Abramson</b>   | Psychology, completed Ph.D., 1999.<br><i>Now:</i> Assistant Professor, <b>Cal. State U., Bakersfield</b> |
| <b>Heather M. Kleider</b>  | Psychology, completed Ph.D., 2001<br><i>Now:</i> Associate Professor, <b>Georgia State University</b>    |
| <b>D. Vaughn Becker</b>    | Psychology, completed Ph.D., 2005<br><i>Now:</i> Assistant Professor, <b>Arizona State University</b>    |
| <b>Jason F. Smith</b>      | Psychology, completed Ph.D., 2008<br><i>Now:</i> Research Scientist, <b>NIH</b>                          |
| <b>Whitney A. Hansen</b>   | Psychology, completed Ph.D., 2011<br><i>Now:</i> Lecturer, <b>ASU</b>                                    |
| <b>Megan H. Papesh</b>     | Psychology, completed Ph.D., 2012<br><i>Now:</i> Assistant Professor, <b>Louisiana State University</b>  |
| <b>Michael C. Hout</b>     | (Pending)  |
| <b>Anthony S. Barnhart</b> | (Pending)  |

**As member:**

|                             |   |
|-----------------------------|---|
| <b>David R. Bohnsack</b>    | (Psychology, completed Ph.D., 1994)       |
| <b>Lisa Cramer</b>          | (Psychology, completed, Ph.D., 1996)      |
| <b>Safa R. Zaki</b>         | (Psychology, completed, Ph.D., 1996)      |
| <b>Mickie Vanhoy</b>        | (Psychology, completed, Ph.D., 1997)      |
| <b>Richard Zraick</b>       | (Speech & Hearing, completed Ph.D., 1998) |
| <b>Edward Smith</b>         | (Computer Science, completed Ph.D., 1999) |
| <b>Stephanie Spitzer</b>    | (Speech & Hearing, completed Ph.D., 2002) |
| <b>Miguel Moreno</b>        | (Psychology, completed Ph.D., 2002)       |
| <b>Jon Maner</b>            | (Psychology, completed Ph.D., 2003)       |
| <b>Mark Blair</b>           | (Psychology, completed, Ph.D., 2003)      |
| <b>Julie Patock-Peckham</b> | (Psychology, completed, Ph.D., 2005)      |
| <b>Noah Goldstein</b>       | (Psychology, completed, Ph.D., 2007)      |
| <b>Andre Valdez</b>         | (Psychology, completed, Ph.D., 2009)      |

## Professional Service

**Associate Editor**

*Psychonomic Bulletin & Review* 2006 – 2010.

**Editorial Boards**

*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**

|   |   |
|---|---|
| <i>NIH / CSR Cognition and Perception (CP).</i>   | 2012 – 2016.  |
| <i>NIH / CSR Language and Communication (LCOM; formerly BBBP-3).</i>                                    | 2002 – 2006.  |
| <i>NIH / CSR Special Emphasis Panel for Small Grant (R03) Program.</i><br>December 2003, February 2004. | December 2002,  |
| <i>NIH / CSR Panel for Fellowships (F31 and F32).</i>   | March, 2008.  |
| <i>NIH / CSR Special Emphasis Panel for NIDA.</i>   | March 2003.   |
| <i>NIH / CSR Special Emphasis Panel for NICHD.</i>  | June 2005, February 2006, November, 2007, June<br>2008, October, 2008, March 2009, October, 2010. |
| <i>NSF / Perception, Action, and Cognition.</i>   | June 2005, December 2005.   |

**Professional Affiliations**

*Psychonomic Society (since 1997)*  
*American Psychological Association*  
 Elected Fellow, *APA Division 3 (2003)*  
*American Psychological Society*  
*Acoustical Society of America*  
*American Association for the Advancement of Science*  
*Society of Experimental Psychologists (2004)*

**Occasional Reviewer**

|                         |  |
|-------------------------|--|
| <b><i>Journals:</i></b> | <i>Psychological Review</i><br><i>Journal of Memory and Language</i><br><i>Cognitive Psychology</i><br><i>Journal of Experimental Psychology: Learning, Memory &amp; Cognition</i><br><i>Cognition</i><br><i>Psychological Science</i><br><i>Journal of the Acoustical Society of America</i><br><i>Language and Cognitive Processes</i><br><i>Behavior Research Methods, Instrumentation &amp; Computers</i><br><i>Journal of Phonetics</i> |
| <b><i>Agencies:</i></b> | <i>National Science Foundation</i><br><i>National Institute for Deafness and Communicative Disorders (NIH)</i><br><i>The Wellcome Trust (UK)</i><br><i>The Dutch Research Council</i><br><i>Social Sciences and Humanities Research Council of Canada (SSHRC)</i>  |

**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                 |

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