

**Jeffrey Andre, PhD**  
**Visual Perception/Human Factors Expert**  
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**Curriculum Vitae**

**Education**

PhD, Experimental Psychology, The Pennsylvania State University, University Park, Pennsylvania, August 1995.

Dissertation: Visual functioning in challenging conditions: Measuring and predicting the effects of alcohol consumption, stimulus motion, luminance, and glare on contrast sensitivity. Advisor: Herschel W. Leibowitz, PhD

MS, Experimental Psychology, Penn State University, May 1993.

BA, Psychology, Muhlenberg College, Allentown, Pennsylvania, May 1989.

**Professional Experience**

Visual Perception/Human Factors Expert – January 1997 to present

Consulting experience on cases in Alabama, Delaware, Florida, Georgia, Indiana, Kansas, Louisiana, New Jersey, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Texas, and Virginia

James Madison University (JMU), Department of Psychology, Harrisonburg, Virginia

Professor (tenured) - August 2010 to present

Associate Professor (tenured) - August 2004 to July 2010

Assistant Professor (untentured) - August 2000 to July 2004

Robson Forensic, Inc., Lancaster, Pennsylvania

Independent Expert Witness Contractor - February 2009 to December 2011

Lewis & Clark College, Department of Psychology, Portland, Oregon

Visiting Assistant Professor - August 1999 to July 2000

Texas Tech University, Department of Psychology, Lubbock, Texas

Assistant Professor - August 1998 to July 1999

Franklin & Marshall College, Department of Psychology, Lancaster, Pennsylvania

Visiting Assistant Professor - August 1997 to July 1998

Adjunct Assistant Professor - August 1995 to July 1997

National Institutes of Health - National Research Service Award Postdoctoral Research Fellow (at Franklin & Marshall College) - August 1995 to July 1997

The Pennsylvania State University, Department of Psychology, University Park, Pennsylvania

Graduate Research Assistant for Herschel W. Leibowitz, PhD - August 1990 to July 1995

**Scholarship: Current Research & Interests**

Eye movements and map-reading • Orientation and way-finding • Characteristics of visual guidance information • Characteristics of the attentional blink • Depicting quantitative information

**NOTE:** Throughout my lists of scholarly products below, the names of student collaborators are underlined.

**Scholarship: Research Publications, Edited Volumes, Book Chapters, Invited Commentaries, & Submitted Work**

Niziurski, J. & Andre, J. (2012). Exploring the characteristics of the attentional blink paradigm when used to discover concealed knowledge. In preparation.

Lampe, J. F. & Andre, J. (2012). Cross-modal recognition of human individuals in domestic horses (*Equus caballus*). *Animal Cognition*, 15(4), 623-630.

- Ewing, A. T., Andre, J., Blair-Broeker, C. T., Daniel, J. H., Fineburg, A. C., Higa, J. J., Macias, S., III, & Weaver, K. A. (2010). When and where people learn Psychological Science: The sun never sets. In D. F. Halpern (Ed.), *Undergraduate Education in Psychology: A Blueprint for the Future of the Discipline*. Washington DC: American Psychological Association.
- Barron, K.E., Buch, K., Andre, J.T., & Spaulding, S. (2010). Learning communities as a vehicle for introducing the psychology major. In D. Dunn, B. Beins, M. McCarthy, G.W. Hill (Eds.) *Best Practices for Beginnings and Endings in the Psychology Major*. Oxford University Press.
- Saville, B. K., Zinn, T. E., Lawrence, N. K., Barron, K. E., & Andre, J. (2008). Teaching critical thinking in statistics and research methods. In D. S. Dunn, J. S. Halonen, & R. A. Smith (Eds.), *Teaching critical thinking in psychology: A handbook of best practices*. Malden, MA: Blackwell.
- Andre, J. & Rogers, S. (2006). Using verbal and blind-walking distance estimates to investigate the two-visual systems hypothesis. *Perception & Psychophysics*, 68(3), 353-361.
- Andre, J. (2004). Comment on "LED headlamps: glare and colour rendering" by M Sivak, B Schoettle and MJ Flannagan. *Lighting Research & Technology*, 36, 303-304. [Invited commentary on Sivak et al., 2004, *Lighting Research & Technology*, 36, 295-303.]
- Andre, J. (2004). Comment on "Driving performance with and preference for high-intensity discharge headlamps" by M Sivak, MJ Flannagan, B Schoettle and ML Mefford. *Lighting Research & Technology*, 36, 10. [Invited commentary on Sivak et al., 2004, *Lighting Research & Technology*, 36, 3-10.]
- Andre, J. T. (2003). Visual acuity and contrast sensitivity: Implications for traffic safety. In R. W. McLay, D. G. Wilder, J. R. Kinney, D. J. Anderson, G. Watson & R. M. Brach (Eds.), *Perception, Reaction, Conspicuity* [CD-ROM Book]. Iowa City, IA: University of Iowa.
- Andre, J., Owens, D. A. & Harvey, L. O., Jr. (Eds.). (2003). *Visual Perception: The Influence of H. W. Leibowitz*. Washington DC: American Psychological Association.
- Andre, J. (2003). Controversies concerning the resting state of accommodation: Focusing on Leibowitz. In J. Andre, D. A. Owens & L. O. Harvey, Jr. (Eds.), *Visual Perception: The Influence of H. W. Leibowitz* (pp. 69-79). Washington DC: American Psychological Association.
- Owens, D. A., Andre, J. & Harvey, L. O., Jr. (2003). Herschel Leibowitz's Approach to Psychological Science. In J. Andre, D. A. Owens & L. O. Harvey, Jr. (Eds.), *Visual Perception: The Influence of H. W. Leibowitz* (pp. 3-5). Washington DC: American Psychological Association.
- Andre, J. & Owens, D. A. (2001). The Twilight Envelope: A user-centered approach to describing roadway illumination at night. *Human Factors*, 43, 620-630.
- Owens, D. A., Andre, J. T., & Owens, R. L. (2000). Predicting accommodative performance in difficult conditions: A behavioral analysis. In O. Franzén, H. Richter, and L. Stark (eds.), *Accommodation and vergence mechanisms in the visual system* (pp. 273-284). Basel, Switzerland: Birkhäuser.
- Andre, J. T. & Owens, D. A. (1999). Predicting optimal accommodative performance from measures of the dark focus of accommodation. *Human Factors*, 41, 139-145.
- Andre, J. T., Owens, R. L. & Owens, D. A. (1998). Dark focus values measured by retinoscopy: A clinical chart review. *Optometry and Vision Science*, 75, 903-908.
- Andre, J. T. (1996). Visual functioning in challenging conditions: Effects of alcohol consumption, luminance, stimulus motion, and glare on contrast sensitivity. *Journal of Experimental Psychology: Applied*, 2, 250-269.
- Owens, D. A. & Andre, J. T. (1996). Selective visual degradation and the older driver. *IATSS Research*, 20, 57-66.
- Andre, J. T., Muth, E. R., Stern R. M., & Leibowitz, H. W. (1996). The effect of tilted stripes in an optokinetic drum on gastric myoelectric activity and subjective reports of motion sickness. *Aviation, Space, and Environmental Medicine*, 67, 30-33.
- Nicholson, M. E., Andre, J. T., Tyrrell, R. A., Wang, M., & Leibowitz, H. W. (1995). Effects of moderate dose alcohol on contrast sensitivity for stationary and moving targets. *Journal of Studies on Alcohol*, 56, 261-266.
- Andre, J. T., Tyrrell, R. A., Leibowitz, H. W., Nicholson, M. E., & Wang, M. (1994). Measuring and predicting the effects of alcohol consumption on contrast sensitivity for stationary and moving gratings. *Perception & Psychophysics*, 56, 261-267.

Leibowitz, H. W., Tyrrell, R. A., Andre, J. T., Eggers, B. G., & Nicholson, M. E. (1993). *Dynamic Visual Contrast Sensitivity*. Washington, DC: AAA Foundation for Traffic Safety.

### **Scholarship: Proceedings & Published Abstracts**

- Andre, J. & Niziurski, J. (2011). Effect of familiar faces on the attentional blink. *Abstracts of the Psychonomic Society*, 16, 170.
- Hall, M. D. & Andre, J. (2006). Effects of the range of distractor positions on auditory target detection. *Abstracts of the Psychonomic Society*, 11, 125.
- Rogers, S., Andre, J., & Brown, R. (2003). Evidence for two visual pathways: Differences in walking and talking perceived distance. In S. Rogers & J. Effken (Eds.), *Studies in Perception and Action VII* (p. 182-186). Mahwah, NJ: Lawrence Erlbaum & Associates.
- Andre, J. (2003). Computer users do not use oculomotor resting states for monitor positioning. *Abstracts of the Psychonomic Society*, 8, 57.
- Rogers, S., Andre, J., Brown, R. & Quist, T. (2003). Prisms and environment differentiate verbal and blind-walking distance estimates. *Abstracts of the Psychonomic Society*, 8, 2.
- Andre, J., Duns Moor, J., & Waite, M. (2003). The relationships among oculomotor resting states and computer monitor positioning. *Journal of Vision*, 3(9), 431a, <http://journalofvision.org/3/9/431/>, DOI 10.1167/3.9.431.
- Rogers, S., Davis, S., Richardson, J., & Andre, J. (2002). Gender, race, similarity, and distinctiveness in social change-blindness. *Abstracts of the Psychonomic Society*, 7, 84.
- Andre, J., & Rogers, S. (2002). Perceivers walk the walk but talk short: Evidence for two visual pathways in distance perception. *Journal of Vision*, 2(7), 60a, <http://journalofvision.org/2/7/60/>, DOI 10.1167/2.7.60.
- Varakin, D. A., Rogers, S., Andre, J. T. & Davis, S. L. (2001). Reduced change blindness for task-relevant visual features during a social interaction. *Abstracts of the Psychonomic Society*, 6, 68.
- Wagman, J. & Andre, J. (1999). Hearing where we look: Information-based regulation between perceptual systems. In M. A. Grealy & J. A. Thomson (Eds.), *Studies in Perception and Action V* (pp. 62-65). Mahwah, NJ: Lawrence Erlbaum & Associates.
- Andre, J. T. & Owens, D. A. (1999). A general prediction of visibility during night driving: The twilight envelope. In *Vision Science and Its Applications*, OSA Technical Digest (pp. 136-139). Washington DC: Optical Society of America.
- Andre, J. T. & Owens, D. A. (1998). The Twilight Envelope: An alternate approach toward describing roadway visibility at night. In A. Gough (Ed.), *Vision at low light levels*, Proceedings of the 4th International Lighting Research Symposium (pp. 161-170). Palo Alto CA: Electric Power Research Institute, Lighting Research Office.
- Andre, J. T. & Owens, D. A. (1998). The distinction between measures of active and passive dark focus and their relationship to optimal accommodative performance. In *Vision Science and Its Applications*, Vol. 1, OSA Technical Digest Series (pp. 132-135). Washington DC: Optical Society of America.
- Grutzmacher, R. P., Andre, J. T. & Owens, D. A. (1997). Gaze inclination: A source of oculomotor information for distance perception. In M. A. Schmuckler & J. M. Kennedy (Eds.), *Studies in Perception and Action IV* (pp. 229-232). Mahwah, NJ: Erlbaum.
- Tyrrell, R. A., Pearson, M. A. & Andre, J. T. (1997). The visual guidance walking: Information and individual differences. In M. A. Schmuckler & J. M. Kennedy (Eds.), *Studies in Perception and Action IV* (pp. 359-362). Mahwah, NJ: Erlbaum.
- Andre, J. T. & Owens, D. A. (1997). Active dark focus measures predict optimal accommodative performance better than passive ones. *Investigative Ophthalmology & Visual Science*, 38, S1013.
- Andre, J. T. (1996). Visual functioning in challenging conditions: The effects of alcohol consumption, luminance, stimulus motion, and glare on contrast sensitivity. *Investigative Ophthalmology & Visual Science*, 37, S734.
- Weinstein S. E., Muth E. R., Andre J. T, Jarret E., Stern R. S., Leibowitz, H. W., & Ray W. J. (1996, August). Role of spatial abilities in motion sickness susceptibility. *Psychophysiology*, 33, S89-S89 (Suppl.).

- Andre, J. T. (1996, March). Visual functioning in challenging conditions: Measuring and predicting the effects of alcohol consumption, stimulus motion, luminance, and glare on contrast sensitivity. *Dissertation Abstracts International: Section B: the Sciences & Engineering*, 56(9-B), 5200.
- Andre, J. T., Muth, E. R., Stern R. M., & Leibowitz, H. W. (1994). The effect of tilted optokinetic drum stripes on gastric myoelectric activity and subjective reports of motion sickness. *Investigative Ophthalmology & Visual Science*, 35, 2035.
- Leibowitz, H. W., Andre, J. T., Thompson, C. J., & Peasley, C. E. (1994). The effect of presentation time of a two pitched line visual field on visually perceived eye level. *Investigative Ophthalmology & Visual Science*, 35, 2113.
- Andre, J. T., Tyrrell, R. A., Boonie, K. K., Leibowitz, H. W., & Owens, D. A. (1993). Target motion exacerbates the effect of night myopia on contrast sensitivity. *Investigative Ophthalmology & Visual Science*, 34, 1311.
- Tyrrell, R. A., Andre, J. T., Boonie, K. K., Peasley, C. E., & Leibowitz, H. W. (1993). On the visual function that support blind walking. *Investigative Ophthalmology & Visual Science*, 34, 1418.
- Andre, J. T., Tyrrell, R. A., Nicholson, M. E., Wang, M., & Leibowitz, H. W. (1992). Measuring and predicting the effects of alcohol on contrast sensitivity for static and dynamic gratings. *Investigative Ophthalmology & Visual Science*, 33, 1416.
- Leibowitz, H. W., Andre, J. T., Tyrrell, R. A., Hewitt, F. G., Cavanagh, P. R., & Simoneau, G. G. (1992). Contrast sensitivity during locomotion: The effect of alcohol. *Investigative Ophthalmology & Visual Science*, 33, 1415.
- Tyrrell, R. A., Daniels, C. M., Andre, J. T., Lundy, D. H., Eggers, B. G., & Leibowitz, H. W. (1991). The effects of time and eye movements on pointing performance. *Investigative Ophthalmology & Visual Science*, 32, 1272.

#### **Scholarship: Selected Conference Presentations & Invited Talks**

- Densmore, L. H. & Andre, J. (2012). The effects of E Ink on eye movements and reading time. Poster presented at the annual meeting of the Eastern Psychological Association. Pittsburgh, PA.
- Andre, J. (2010, February). Distinguishing between the two visual systems: An application for driver education. Invited address presented at the Suter Science Series, Eastern Mennonite University. Harrisonburg, VA.
- Andre, J., Hicks, M. & Chevalier, C. (2009). Exploring potential gender differences when scanning maps and providing directions. Poster presented at 53rd Annual Meeting of the Human Factors and Ergonomic Society. San Antonio, TX.
- Andre, J. & Baker, S. (2008). *Teaching Psychology as a Natural Science ONLINE*. Poster presented at the Getting Connected: Best Practices in Technology-Enhanced Teaching & Learning in Psychology Conference. Atlanta, GA.
- Huddleston, J., Chevalier, C. & Andre, J. (2008, March). *Exploring the characteristics of blind-walking to targets*. Poster presented at the 54<sup>th</sup> Annual Meeting of the Southeastern Psychological Association. Charlotte, NC.
- Barron, K., Andre, J., Buch, K. & Spaulding, S. (2007, October). *Learning communities as a vehicle for introducing the Psychology major*. Symposium presented at the Beginnings & Endings: Best Practices for Introducing and Bringing Closure to the Undergraduate Psychology Major Conference. Atlanta, GA.
- Andre, J. (2007, September). *Undergraduate students and the research experience*. Invited talk presented at James Madison University Third Annual General Education Student Conference. Harrisonburg, VA.
- Andre, J. & Barron, K. (2007, June). *The JMU Psychology Learning Community: A 5-year Review*. Poster presented and won "Outstanding Poster" at the 2007 Eastern Conference on the Teaching of Psychology. Staunton, VA.
- DuVon, J., McFadden, S., Showers, K. & Andre, J. (2007, March). *Exploring the persistence of visual guidance information using path triangulation*. Poster presented at the 78<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Philadelphia, PA.
- Nicoll, W., Andre, J. & Hall, M. (2007, March). *Investigating "tunnel audition" using loudness and pitch specific stimuli*. Poster presented at the 78<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Philadelphia, PA.
- Barron, K., Andre, J. & Haas, L. (2007, February). *Jump starting students' academic major through participation in a learning community centered on that major (A case study of the Psychology Learning Community)*. Poster presented at the 26<sup>th</sup> Annual Conference on The First-Year Experience. Addison, TX.
- Andre, J., Hall, M., Jennings, H. & Fox, K. (2006, March). *Exploring whether there is an auditory correlate to tunnel vision*. Poster presented at the 77<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Baltimore, MD.

- Paulson, D., Henriques, G., Rogers, S., Andre, J. & Pappas, J. (2006, March). *Effect of negative affect on estimation of egocentric distance*. Poster presented at the 77<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Baltimore, MD.
- Pic, J. N. & Andre, J. (2006, March). *The effect of cue relevance and stimulus contrast on performance and recall in word searches*. Poster presented at the 77<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Baltimore, MD.
- Shores, M. & Andre, J. (2006, March). *Effects of color, wings, and position on the magnitude of the combined Müller-Lyer and Ponzo illusion*. Poster presented at the 77<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Baltimore, MD.
- Zinn, T., Saville, B., Kerr, N., Barron, K. & Andre, J. (2005, September). *Addressing Critical Thinking in the Statistics/Research Methods Sequence*. Symposium presented at the Best Practices in Teaching Critical Thinking Across the Psychology Curriculum Conference. Atlanta, GA.
- Andre, J., Losier, K., Heiser, R., MeGehee, A., & Campbell, C. (2005, May). *Investigating the effects of occlusion time on the visual guidance of blind-walking, veering, and distance perception*. Poster presented at The Vision Sciences Society 2005 Annual Meeting. Sarasota, FL.
- Hall, M. D., Barron, K. E. & Andre, J. T. (2005, April). *Integrating learning experiences in and out of the classroom*. Paper presented at the 85<sup>th</sup> Annual Meeting of the Western Psychological Association. Portland, OR.
- Brown, D., Glendinning, G., Herrmann, M. & Andre, J. (2004, April). *Investigating the characteristics of visual guidance information*. Poster presented at the 75<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Washington, DC.
- Andre, J. (2003, October). *The resting states of the eye, visual fatigue, and monitor viewing position*. Poster presented at the 2003 conference of the Virginia Occupational Therapists Association. Harrisonburg, VA.
- Davis, S. L., Harper, R., Rogers, S., Andre, J., Griffin, J. & Richardson, J. (2002, April). *Noticing changes and remembering faces: Using change blindness to detect gender bias in eyewitness memory*. Poster received the Best Poster Award at the annual meeting of the Virginia Psychological Association. Virginia Beach, VA.
- Andre, J. (2002, April). *The resting states of the eyes and the development of visual fatigue: An update*. Invited paper presented at the April Meeting of the Office Ergonomics Research Committee, Inc. Washington, DC.
- Davis, S., Rogers, S., Andre, J., Griffin, J., Harper, R. & Richardson, J. (2002, March). *Noticing changes and remembering faces: Using change blindness to detect gender bias in eyewitness memory*. Poster presented at the 73<sup>rd</sup> Annual Meeting of the Eastern Psychological Association. Boston, MA.
- Serdikoff, S., Grayson, J. & Andre, J. (2001, October). *Fostering science fair successes*. Panel discussion held at the 2001 Eastern Teaching of Psychology Conference. Harrisonburg, VA.
- Davis, S., Rogers, S., Varakin, D. & Andre, J. (2001, October). *Who was I talking to? Remembering details from casual encounters*. Paper presented at the 2001 Society for Police and Criminal Psychologists Conference. Austin, TX.
- Andre, J. (2001, June). *Older drivers, their vision, and traffic safety*. Invited paper presented at the Eastern Region Orthoptic Meeting. Lancaster, PA.
- Andre, J. (2000, June). *A user-centered description of the illumination provided by automobile headlamp systems*. Paper presented at the 2000 North American Meeting of the International Society for Ecological Psychology. Clemson, SC.
- Andre, J. (2000, April). *Oculomotor Aspects of Visual Fatigue*. Paper presented at the April Meeting of the Office Ergonomics Research Committee, Inc. Holland, MI.
- Andre, J. T. & Owens, D. A. (2000, January). *How good are those headlights? Twilight envelope description of inter-vehicle headlighting variations*. Poster presented at the 79<sup>th</sup> Annual Meeting of the National Research Council: Transportation Research Board. Washington DC.
- Andre, J. T. (1999, June). *Focusing on Hersh: Where has the dark focus been and where is it going*. Paper presented at the Festschrift Conference in Honor of Herschel W. Leibowitz, Ph.D. University Park, PA.

- Andre, J. T. (1997, November). *Visual acuity and contrast sensitivity: Implications for traffic safety*. Paper presented at the University of Iowa Biomedical Engineering Department seminar on Perception, Reaction, & Conspicuity. Iowa City, IA.
- Andre, J. T., Wagman, J. B., Lookingbill, J. A., Muth, E. R. & Owens, D. A. (1997, April). *The effect of a stressful task on visual adaptation to near work*. Poster presented at the 68<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Washington, DC.
- Grutzmacher, R. P., Andre, J. T., & Owens, D. A. (1997, April). *Gaze inclination: a source of oculomotor information for distance perception?* Poster presented at the 68<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Washington, DC.
- Andre, J. T. (1996, September). *Alcohol and dynamic vision under night driving conditions*. Paper presented at the Statens väg-och transportforskningsinstitutet (VTI; Swedish National Road & Traffic Research Institute). Linköping, Sweden.
- Owens, D. A. & Andre, J. T. (1996, September). *Predicting performance in difficult conditions: A behavioral analysis of basic individual differences*. Paper presented at the First International Symposium on Accommodation & Vergence Mechanisms in the Visual System. Stockholm, Sweden.
- Andre, J. T. (1996, March). *Visual functioning in challenging conditions: The effects of alcohol consumption, luminance, stimulus motion, and glare on contrast sensitivity*. Poster presented at the 67<sup>th</sup> Annual Meeting of the Eastern Psychological Association. Philadelphia, PA.
- Andre, J. T. (1996, March). *Alcohol and dynamic vision under night driving conditions*. Paper presented at the 1996 University of Michigan Transportation Research Institute Human Factors Festival. Ann Arbor, MI.
- Nicholson, M. E., Wang, M. Q., Mahoney, B. S., Andre, J. T., Tyrrell, R. A., & Leibowitz, H. W. (1995, October). *Effects of alcohol on visual contrast sensitivity*. Paper presented at the American Public Health Association's 123<sup>rd</sup> Annual Meeting. San Diego, CA.
- Andre, J. T., Leibowitz, H. W., Stern, R. M., Ray, W. J. & Muth, E. R. (1994, May). *Role of persistence of cues in disorientation/motion sickness*. Paper and poster presented at The United States Air Force Spatial Orientation Program Review. San Antonio, TX.
- Nicholson, M. E., Wang, M. Q., Andre, J. T., Tyrrell, R. A., & Leibowitz, H. W. (1993, October). *Effects of moderate dose alcohol on contrast sensitivity: Public safety implications*. Poster presented at the American Public Health Association's 121<sup>st</sup> Annual Meeting. San Francisco, CA.
- Nicholson, M. E., Wang, M. Q., Mahoney, B. S., Leibowitz, H. W., Andre, J. T., & Tyrrell, R. A. (1992, November). *Alcohol and visual impairment: Safety and policy implications*. Poster presented at the American Public Health Association's 120<sup>th</sup> Annual Meeting. Washington DC.
- Andre, J. T. & Tyrrell, R. A. (1992, March). *Measuring and predicting the effects of alcohol on visual sensitivity*. Poster received the First Place Award in the Social & Behavioral Sciences Division of The Pennsylvania State University 1992 Graduate Research Exhibition. University Park, PA.

### **Memberships & Peer-Reviewing**

- Member of: Association for Psychological Science • Human Factors & Ergonomics Society • The Psychonomic Society • Society for the Teaching of Psychology (APA, Division 2)
- Ad hoc reviewer for: *Accident Analysis & Prevention* • *Human Factors* • *International Journal of Human Factors and Ergonomics* • *Investigative Ophthalmology & Visual Science* • *Journal of Experimental Psychology: Applied* • *Lighting Research & Technology* • *Optometry and Vision Science* • *Perception & Psychophysics*
- Ad hoc textbook reviewer for: Cengage Learning • John Wiley & Sons, Inc. • Oxford University Press • Pearson Education/ Prentice Hall • SAGE Publishing • Sinauer Associates, Inc. Publishers • Wadsworth/Thomson Learning Publishing Company

### **Teaching**

Courses Taught: (most recent listed at top of each column)

*Sensation & Perception*

*Introductory Statistics for Psychology*

*The Science of Vision & Audition (Gen. Ed. Course)*  
*Integrated Psychological Statistics and Research Methods*  
*Introductory Psychology*  
*Laboratory in Psychology: Visual Perception & Performance*

*Psychological Research Methods*  
*Introduction to Human Factors*  
*Physiological Psychology*  
*Communicating Quantitative Information*

Masters Thesis or Senior Undergraduate Research Thesis committee chair, member, or research advisor:  
Departments of Psychology, James Madison University, Fall 2001-present; Lewis & Clark College, Spring 2000; Franklin & Marshall College, Spring 1996-1998

### **Awards, Grants, and Honors**

- 2007 General Education Distinguished Teaching Award. James Madison University General Education Program.
- 2005 JMU General Education Summer Grant to redesign GSCI 122 *The Science of Vision and Audition* into a team-taught course. Co-awardee: Michael D. Hall. Amount: \$ 2,400.
- 2004 Outstanding Teaching, Scholarship, and Service Award for 2003-2004. James Madison University Department of Psychology.
- 2001-04 Research Grant for "*Oculomotor Interactions and Visual Fatigue*" from the Office Ergonomics Research Committee, Inc. Amount: \$ 17,000.
- 2000 Teaching Equipment Grant from the James Madison University College of Education and Psychology and General Education Program. Awarded to a group of five faculty members. Amount: \$ 1,250.
- 1999 Conference Support Grants for "A Festschrift Conference in Honor of Herschel W. Leibowitz, Ph.D." Co-awardees: Lewis O. Harvey and D. Alfred Owens.  
From the Science Directorate of The American Psychological Association. Amount: \$ 9,770.  
From the Pennsylvania State University Department of Psychology. Amount: \$ 4,500.
- 1997 American Psychological Association Division of Experimental Psychology Young Investigator Award in Experimental Psychology: Applied.
- 1995-97 National Institutes of Health National Research Service Award (post-doctoral research fellowship).
- 1995 Sigma Xi Graduate Research Award for outstanding research achievements and exhibited research excellence. Pennsylvania State University chapter of Sigma Xi.
- 1994 Dissertation Support Grant from the College of Liberal Arts, Penn State University. Amount: \$ 1,170.
- 1994 Grant-in-Aid Matching Funds Award from the Pennsylvania State University chapter of Sigma Xi and the Department of Psychology, Penn State University. Amount: \$ 985.
- 1994 Grant-in-Aid of Research from the National Academy of Sciences, distributed through Sigma Xi, The Scientific Research Society. Amount: \$ 1,000.
- 1989 Carol E. Hutchinson Memorial Prize for Research in Psychology. Department of Psychology, Muhlenberg College.

### **Selected James Madison University Service** (current and former)

*Department:* Psychology Department Methods Committee • Major Advisor • Number of Majors Committee • Psychological Sciences Masters Program • Psychology Learning Community Committee • Psychology Peer Advisors Advisory Committee • Search/Mega-Search Committee • Space Committee • Teaching Excellence Committee  
*University:* Conversations with Faculty Participant • Faculty Senator • Freshman Advisor • Freshman Advising Board • General Education Council (chair) • Gen Ed Cluster 3 Committee • Gen Ed Distinguished Teaching Award Committee • Pre-Health Programs Steering Committee • Pre-Optometry Advisor