Curriculum Vitae

Jason M. Gold, Indiana University
Department of Psychological & Brain Sciences, Program in Cognitive Science

+ indicates post-tenure
• indicates pre-tenure
¹ indicates student advisee

Personal Data

Mailing Address:
1101 East 10th Street
Department of Psychological and Brain Sciences
Bloomington, IN 47404
Phone: (812) 855-4635
E-mail: jgold@indiana.edu
Date of Birth: March 28, 1971
Citizenship: USA

Education

•1995 B.A. Computer Science & Psychology, University of Maine
•1996 M.A. Psychology, University of Toronto
•2001 PhD. Psychology, University of Toronto

Academic Positions

Indiana University, Bloomington
• Assistant Professor of Psychological and Brain Sciences and Cognitive Science, 2001-2007
+ Associate Professor of Psychological and Brain Sciences and Cognitive Science, 2007-2015

+ Professor of Psychological and Brain Sciences and Cognitive Science, 2015-Present

University of Toronto, Canada
+ • Visiting Professor, Department of Psychology, Fall 2007-Spring 2008

+ • York University, Toronto, Canada
Visiting Professor, Department of Psychology and Center for Vision Research, Fall 2007-Spring 2008

Honors and Awards

•1995 University of Maine Department of Psychology Outstanding Student Award

•1995 Phi Beta Kappa Academic Honor Society
•1995-1999 University of Toronto International Student Award
•1995-2000 University of Toronto Open Scholarship ($3,400.00 CND annually)
•1999-2000 Ontario Graduate Scholarship ($ 11,859.00 CND annually)
•2000 Vision Science Research Scholarship ($ 5000.00 CND)
•2005 Society for Mathematical Psychology New Investigator Award Honorable Mention

Research Grants Funded

•1997 Sigma Xi Scientific Research Society Grant-In-Aid-Of-Research (PI) ($2,330.00 USD)
•2004-2007 NIH R03 Grant (PI) "Mechanisms of visual memory decay" ($144,225.00 USD)
•2005-2007 Indiana University FRSP Grant (co-PI) "fMRI and Signal Detection Theory" ($82,000.00 USD)
•2005-2009 NIH R01 Grant (co-investigator) "Visual processing in schizophrenia and SPD" ($1,316,875.00 USD)
+ 2008-2012 NIH R01 Grant (PI) "Task-based ideal observer analysis and the efficiency of biological motion perception." ($553,434.00 USD)
+ 2009-2010 Indiana University FRSP Grant (PI) "Sources of Inefficiency in Biological Motion Perception" ($85,042.00 USD)
+ 2009 NIH R01 Grant Supplement (PI) "Task-based ideal observer analysis and the efficiency of biological motion perception " ($113,718.00 USD)
+ 2011-2012 AFSOR Grant (Co-PI) "A Unified Theory for Efficiency Ratios of Response Times and Accuracy" ($50,000.00 USD)
+2021-2026 NIH Grant (Co-Investigator) " The Statistics of Infant First-Person Visual Experience" ($511,129.00 USD

Published Manuscripts

+ Kim MJ[1], **Gold JM** & Murray RF (2018). What image features guide lightness perception? *Journal of Vision 18*(13):1, 1-20.

+ Aizenman AM[1], **Gold JM** & Sekuler R (2018). Multisensory integration in short-term memory: Musicians do rock. *Neuroscience* 389, 141-151.

+ Nosofsky RM & **Gold JM** (2018). Biased Guessing in a Complete-Identification Visual-Working-Memory Task: Further Evidence for Mixed-State Models. *JEP:HPP 44*(4), 603-625.

+ Bromfield WD[1] & **Gold JM** (2017). Efficiencies for parts and wholes in biological-motion perception. *Journal of Vision 17*(12):21, 1–16.

+ Sujala M[1], **Gold JM** & Sekuler R (2017). Memory and learning for visual signals in

time and space. *Attention, Perception & Psychophysics 79*, 1107-1122.

+ Bittner J[1] & **Gold JM** (2017). The impact of symmetry on the efficiency of human face perception. *Perception 46* (7), 830-859.

+ Bratch A[1], Barr S[1], Bromfield WD[1], Srinath A[1], Zhang J[1] & **Gold JM** (2016). The impact of configural superiority on the processing of spatial information. *JEP:HPP 42*(9), 1388-1398.

+ Nosofsky RM & **Gold JM** (2015). Memory strength vs. memory variability in visual change detection. *Attention, Perception & Psychophysics. 78 (1),* 78-93.

+ Granovsky B, **Gold JM**, Sumter D & Goldstone R (2015). Integration of social information by human groups. *Trends in Cognitive Science. 7,* 469-493.

+ Barr S[1] & **Gold JM** (2014). Redundant visual information improves group decisions. *JEP:HPP 40*(6), 2124-2130.

+ Donkin C, Nosofsky RM, **Gold JM** & Shiffrin R (2014). Verbal labeling, gradual decay, and sudden death in visual short-term memory. *Psychonomic Bulletin & Review.* (available online)

+ **Gold JM**, Barker JD[1], Barr S[1], Bittner JL[1], Bratch A[1], Bromfield WD[1], Goode RA[1], Jones M[1], Lee D[1] & Srinath A[1] (2014). The perception of a familiar face is no more than the sum of its parts. *Psychonomic Bulletin & Review 21* (6), 1465-72.

+ Eidels A[1] & **Gold JM** (2014). Measuring single-item identification efficiencies for letters and 3-D objects. *Behavior Research Methods 46,* 722–731.

+ **Gold JM** (2014). A perceptually completed whole is less than the sum of its parts. *Psychological Science* 25, 1206-1217.

+ **Gold JM,** Aizenman A[1], Bond SM & Sekuler R (2014). Memory and incidental learning for frozen noise sequences. *Vision Research 99* 19-36.

+ **Gold JM** (2014). Information processing correlates of a size-contrast illusion. *Frontiers in Psychology: Perception Science* 5 (142), 1-13.

+ Donkin C, Nosofsky RM, **Gold JM** & Shiffrin R (2013). Discrete-slots models of working memory response times. *Psychological Review* 120 (4), 873-901.

+ James TW, Arcurio LR[1] & **Gold JM** (2013). Inversion effects in face-selective cortex with combinations of face parts. *Journal of Cognitive Neuroscience* 25 (3), 45-464.

+ **Gold JM,** Barker J[1], Barr S[1], Bittner J[1], Bromfield WD[1], Chu N[1], Goode RA[1], Lee D[1], Simmons M[1] & Srinath A[1] (2013). The efficiency of dynamic and static facial expression recognition. *Journal of Vision*, 13(5):23, 1-12.

+ **Gold JM,** Mundy PJ[1] & Tjan, BS (2012). The perception of a face is no more than the sum of its parts. *Psychological Science* 23(4), 427-434.

+ Arcurio LR[1], **Gold JM** & James TW (2012). The response of face-selective cortex with single face parts and part combinations. *Neuropsychologica* 50, 2454-2459.

+ Conrey B[1] & **Gold JM** (2009). Pattern recognition in correlated and uncorrelated noise. *Journal of the Optical Society of America: A* 26 (11), B94-B109.

+ **Gold JM,** Abbey C, Tjan BS & Kersten D (2009). Ideal Observers and Efficiency: Commemorating 50 Years of Tanner and Birdsall. *Journal of the Optical Society of America: A* 26 (11), IO1-IO2.

+ **Gold JM**, Tjan BS & Shotts M[1] (2009). Integration of facial information is sub-optimal. In N.A. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 2896-2901). Austin, TX: Cognitive Science Society.

+ **Gold JM**, Tadin D, Cook SC[1] & Blake R (2008). The efficiency of biological motion perception. *Perception & Psychophysics* 70 (1), 88-95.

•Cohen A[1], Ross D, **Gold JM** & Shiffrin R (2007) Inducing features from visual noise. *Journal of Vision* 7 (8), 1-14.

•Conrey B[1] & **Gold JM (**2006). An ideal observer analysis of variability in visual-only speech. *Vision Research* 46, 3243–3258.

•**Gold JM**, Cohen A[1] & Shiffrin R. (2006) Visual noise reveals category representations. *Psychonomic Bulletin & Review* 13 (4), 649-655

•**Gold JM** & Shubel E[1] (2006). The spatiotemporal properties of visual completion measured by response classification. *Journal of Vision* 6 (4), 356-365.

•**Gold JM**, Shiffrin R & Elder J (2006). Finding visual features: Using stcochastic stimuli to discover internal representations. *Journal of Vision* 6 (4) 1-2.

•**Gold JM**, Sekuler R, Murray RF, Sekuler AB, Bennett PJ (2005). Visual memory decay is deterministic. *Psychological Science* 16 (10), 769-*774.*

•Murray RF, **Gold JM** (2004). Troubles with Bubbles. *Vision Research* 44 (5), 461-470.

•Murray RF, **Gold JM** (2004). Reply to Gosselin and Schyns. *Vision Research* 44 (5), 479-482.

•**Gold JM**, Sekuler AB, Bennett PJ (2004). Characterizing perceptual learning with external noise. *Cognitive Science, 28,* 167-207.

•Sekuler AB, Gaspar CG, **Gold JM**, Bennett PJ (2004). Inversion leads to quantitative,

not qualitative, changes in face processing. *Current Biology,* 14, 391-396.

•Pratt J, Hillis J, **Gold JM** (2001) The effect of the physical characteristics of cues and targets on facilitation and inhibition. *Psychonomic Bulletin & Review* 8(3), 489-495.

•**Gold JM** & Pratt J (2001) Is Position "Special" in Visual Selection? Evidence that top-down processes guide visual selection. *Canadian Journal of Experimental Psychology* 55 (3), 261-270.

•**Gold JM**, Murray RF, Bennett PJ & Sekuler AB (2000) Deriving behavioral receptive fields for visually completed contours. *Current Biology* 10, 663-666.

•Sekuler AB, **Gold JM**, Murray RF, Bennett PJ (2000) Visual completion of partly occluded objects: Insights from behavioral studies. *Neuro-Ophthalmology* 23(3-4), 165-168.

•**Gold J**, Bennett PJ & Sekuler AB (1999) Signal but not noise changes with perceptual learning. *Nature* 402, 176-178.

•**Gold J**, Bennett PJ & Sekuler AB (1999) Identification of band-pass filtered letters and faces by human and ideal observers. *Vision Research* 39(21), 3537-3560.

Book Chapters

+ **Gold JM** (2009). Reverse Correlation. In *The Encyclopedia of Perception* (ed. E. Bruce Goldstein), Sage, Inc.: New York.

+ **Gold JM** (2009). Perceptual learning. In *The Encyclopedia of Perception* (ed. E. Bruce Goldstein), Sage, Inc.: New York.

Conference Presentations

+ DeSario CL[1], **Gold JM**, Candy TR & Smith LB (2018). Low-level Visual Statistics in Infant-Perspective Scenes Change with Development. *Annual CogSci Conference Poster*.

+ DeSario CL[1], Candy TR, **Gold JM**, & Smith LB (2018). The Statistics of Head Camera Images Collected During Human Infancy. *Fall Vision Meeting Poster*.

+ Kim MJ[1], **Gold JM** & Murray RF (2018). What visual features are important to lightness perception? *Scottish Vision Group (SVG) Meeting Talk*.

+ Kim MJ[1], **Gold JM** & Murray RF (2017). Using Classification Images to Understand Models of Lightness Perception. *MODVIS Talk.*

+ Murray RF, **Gold JM** & Kim MJ[1] (2017). What image features guide lightness perception? *OSA Fall Vision Meeting Talk.*

+ Kim MJ[1], **Gold JM** & Murray RF (2017). Classification images for understanding

lightness perception. *European Conference on Visual Perception (ECVP) Talk*.

+ Murray RF, Kim MJ[1] & **Gold JM** (2017). A Reverse Correlation Test of Computational Models of Lightness Perception. *Cognitive Computational Neuroscience (CCN) Talk*.

+ Maharjan S[1], **Gold JM** & Sekuler R. (2016). Memory, learning and strategies for detecting repetition in time and space. *Annual Psychonomic Society Poster*.

+ Kim M[1], **Gold JM** & Murray RF (2015). Classification images reveal that local grouping within lighting frameworks drives the argyle illusion. *Annual Vision Sciences Conference Poster*.

+ Maharjan S[1], **Gold JM** & Sekuler R. (2015). Memory for spatial, temporal and spatio-temporal visual sequences. *Annual Vision Sciences Conference Poster*.

+ Bratch A[1], Barr S[1], Bromfield WD[1], Srinath A[1] & **Gold JM** (2014). Configural superiority reduces efficiency. *Annual Vision Sciences Conference Poster*.

+ Aizenman A[1], **Gold JM** & Sekuler R (2013). Multisensory Integration in Visual Pattern Recognition: Music Training Matters. *Annual Vision Sciences Conference Poster*.

+ Donkin C, Nosofsky RM, **Gold JM** & Shiffrin R (2013). Discrete-slots models of working memory response times. *MathPsych Talk*.

+ **Gold JM** & Simmons M[1] (2012). The integration of parts during visual completion is inefficient. *Annual Vision Sciences Conference Poster*.

+ Bittner JL[1], Simmons M[1] & **Gold JM** (2012). The role of symmetry in the efficiency of detecting, discriminating and identifying human faces. *Annual Vision Sciences Conference Poster*.

+ Barr S[1] & **Gold JM** (2012). Groups detect wholes better than parts. *Annual Vision Sciences Conference Poster*.

+ Aizeman AM[1]**, Gold JM** & Sekuler R (2012). Implicit learning and memory for random visual noise. *Annual Vision Sciences Conference Poster*.

+ Bromfield WD[1], Taylor CP[1] & **Gold JM** (2012). Efficiencies for parts and wholes in biological motion perception. *Annual Vision Sciences Conference Poster*.

+ Barker J[1], Barr S[1], Bittner JL[1], Bromfield WD[1], Chu N[1], Goode RA[1], Lee D[1], Simmons M[1] & **Gold JM** (2012). Dynamic and static expressions of emotion are recognized with equal efficiency. *Annual Vision Sciences Conference Poster*.

+ **Gold JM**, Mundy PJ[1] & Tjan BS (2012). The perception of a face is no more than the sum of its parts. *Computational and Systems Neuroscience (Cosyne) Annual Meeting Talk*.

+ Eidels A[1] & **Gold JM**. (2012) Uncovering configural processes: structural form modeling of human and ideal observers. *Configural Processing Consortium Annual Meeting Talk.*

+ Granovsky B, Goldstone R, **Gold JM** & Sumpter D (2011). 1 versus 100: Integrating social information in decision making by human groups. *ECCS2011 Talk*.

+ **Gold JM** & Tjan BS (2011). Integration of facial features is optimal for upright but not inverted faces. *Center for Vision Research Annual Conference Poster*.

+ **Gold JM**, Tjan BS, Shotts M[1] & Mundy, PJ[1] (2010). Integration of facial features is sub-optimal. *Annual Vision Sciences Conference Poster.*

+ **Gold JM**, Tjan BS, Shotts M[1] & Mundy, PJ[1] (2010). Integration of facial features is sub-optimal. *Annual Vision Sciences Conference Poster.*

+ **Gold JM**, Tjan BS & Shotts M[1] (2009). Integration of facial information is sub-optimal. *31st Annual Cognitive Science Society Meeting Poster.*

+ Gold JM & Conrey B[1] (2009). The efficiency of pattern recognition in correlated noise. *Center for Vision Research Annual Conference Poster*.

• Eidels A[1], **Gold JM** & Townsend J (2007). A technique for measuring single-item identification efficiencies. *Annual Psychonomic Society poster.*

•**Gold JM** & Mundy PJ[1] (2007). Classification images for a size illusion. *Annual Summer Interdisciplinary Conference poster.*

•**Gold JM**, Eidels A[1] & Conrey B[1] (2007). A technique for measuring single-item identification efficiencies. *Annual Vision Sciences Conference poster.*

•**Gold JM** (2006). Signal and noise in perceptual learning. 25th *Annual Center for Visual Science Symposium on Statistical Learning and Brain Plasticity. Rochester, NY (invited paper).*

•**Gold JM** (2005). The efficiency of biological motion perception. *Annual Summer Interdisciplinary Conference paper.*

•**Gold JM**, Cook SC[1], Tadin D & Blake R (2005). The efficiency of biological motion perception. *Annual Vision Sciences Conference paper*.

•Conrey B[1] & **Gold JM** (2005). An ideal observer analysis of variability in human speech recognition. *Annual Vision Sciences Conference poster.*

•Sanborn A[1], **Gold JM**, Shiffrin R & Yu C (2005). Using Support Vector Machines to learn more from classification image data. *Annual Meeting of the Society for Mathematical Psychology.*

•Sanborn A[1], **Gold JM**, Shiffrin R & Yu C (2005). Using Support Vector Machines to learn more from classification image data. *Annual Summer Interdisciplinary Conference paper.*

•Cohen A[1], Ross D, **Gold JM**, Shiffrin R (2004). Feature induction*. Annual Summer Interdisciplinary Conference paper.*

•Cohen A[1], Ross D, **Gold JM**, Cutzu F, Yu C, Shiffrin R (2004). Features from noise, or noise from features?. *Neural Information Processing Systems (NIPS) Workshop 2004 paper.*

•Cutzu F , Dhua A, **Gold JM**, Yu C, Cohen A[1], Shiffrin R (2004). Features from noise, or noise from features?. *NIPS Workshop 2004 paper.*

•**Gold JM**, Cohen A[1], Shiffrin R (2004). Classification image weights can discriminate between prototype and exemplar category representations. *Annual Summer Interdisciplinary Conference poster*.

•Liebe S[1], **Gold JM** (2004). Electrophysiological correlates of the effects of perceptual learning on signal and noise in the human visual system. *Annual Vision Sciences Conference poster*.

•**Gold JM**, Cohen A[1], Shiffrin R (2004). Classification image weights can discriminate between prototype and exemplar category representations. *Annual Vision Sciences Conference poster*.

•**Gold JM** (2003). Dynamic classification images reveal the effects of perceptual learning in a hyperacuity task. *Annual Vision Sciences Conference paper*.
Shubel E, **Gold JM** (2003). The time course of visual completion measured by response classification. *Annual Vision Sciences Conference poster*.

•**Gold JM,** Sekuler AB, Bennett PJ (2002). Visualizing perceptual learning. *2nd Annual Vision Sciences Conference paper*.

•**Gold JM,** Sekuler R, Murray RF, Sekuler AB, Bennett PJ (2002). Characterizing visual memory decay with external noise. *27th Annual Interdisciplinary Conference paper*.

•Murray RF, **Gold JM**, Sekuler AB, Bennett PJ. Snapshots of perceptual organization. *27th Annual Interdisciplinary Conference paper*.

•**Gold JM,** Sekuler R, Murray RF, Sekuler AB, Bennett PJ (2001). Decay of visual memory is due to decreased signal, not increased noise. *Psychonomic Society poster*.

•**Gold JM**, Murray RF, Bennett PJ, Sekuler AB (2001). Learning Optimizes the Behavioral Receptive Fields Underlying Pattern Discrimination. *Snowbird Learning Workshop poster*.

•**Gold JM,** Sekuler R, Baerveldt A, Murray RF, Sekuler AB, Bennett PJ (2001). Decay

of visual memory is due to decreased signal, not increased noise. *Association for Research in Visual and Ophthalmology (ARVO) paper.*

•Sekuler AB, **Gold JM**, Gaspar CM, Bennett PJ (2001). The efficiency of upright and upside down face identification. *ARVO paper.*

•Sekuler AB, Gaspar CM, **Gold JM**, Bennett PJ (2001). The efficiency of face recognition: effects of inversion and contrast reversal. *European Conference on Visual Perception paper.*

•Murray RF, **Gold JM**, Sekuler AB, Bennett PJ (2001). Reverse correlation reveals behavioral effects of perceptual organization. *ARVO paper.*

•Murray RF, **Gold JM**, Bennett PJ, Sekuler AB (2001). Perceptually interpolated contours in shape discrimination. *European Conference on Visual Perception paper.*

•**Gold JM**,Murray RF, Bennett PJ & Sekuler AB (2000) Snapshots of visual completion. *Investigative Ophthalmology and Visual Science Supplement*, 41**.**

•Sekuler AB, **Gold JM**, & Bennett PJ (2000). The efficiency of face recognition: Effects of inversion and contrast reversal. *Psychonomic Society paper.*

•Murray RF, **Gold JM**, Bennett PJ & Sekuler AB (2000) Peceptual organization and perceptual efficiency. *European Conference on Visual Perception paper***.**

•Murray RF, Bennett PJ, Sekuler AB & **Gold JM** (2000) Effect of visual completion on calculation efficiency. *ARVO poster***.**

•**Gold J**, Bennett PJ & Sekuler AB (1999) Learning improves calculation efficiency for complex pattern identification. *ARVO paper*.

•**Gold J**, Bennett PJ & Sekuler AB (1998) Identification efficiency for low- and high-pass filtered letters and faces. *ARVO poster*.

•Pratt J & **Gold J** (1998) Further evidence that position is not special in visual selection. *Psychonomic Society poster*.

•**Gold J**, Sekuler AB, Bennett PJ & Hillis J (1997) The effect of band-pass filtering on the efficiency of complex pattern identification. *ARVO poster*.

•**Gold J**, Bennett PJ & Sekuler AB (1998). Identification of band-pass filtered letters and faces by human and ideal observers. *Canadian Society for Brain, Behavior and Cognitive Science (BBCS) paper.*

•Boynton D & **Gold J** (1995). Scatterplots as configural stimuli. *Eastern Psychological Association paper.*

•**Gold J** (1994) Audition and the Vertical-Horizontal Illusion. *National Conference for*

Undergraduate Research paper.

Conference Organization

•NIPS 2004 workshop "Statistical, computational, and psychophysical techniques for inferring features from stimulus classification". Coordinated with Cohen A, Cutzu F, Shiffrin R.

Colloquium Presentations

+ The efficiency of dynamic and static facial expression recognition. *Indiana University Department of Psychological and Brain Sciences CogNeuro Colloquium Series, 2013.*

+ The efficiency of biological motion perception. *Indiana University Department of Optometry, 2012.*

+ The efficiency of biological motion perception. *Purdue University Department of Psychological Science, 2011.*

+ The efficiency of biological motion perception. *York University CVR colloquium, 2008.*

•A brief introduction to Ideal Observer analysis. *Hoosier Mental Life, Bloomington, IN, 2006.*

•External noise distinguishes visual category representations. *Department of Psychology, Bloomington IN, November 2004.*

•The efficiency of biological motion perception. *Department of Psychology, Vanderbilt University, Nashville, TN, September 2004.*

•Snapshots of visual completion. *Department of Psychology, Notre Dame University, South Bend, IN, December 2002.*

•Snapshots of visual completion. *Department of Optometry, Indiana University, Bloomington, IN, March 2002.*

•Snapshots of visual completion. *Department of Psychology, University of Illinois, Urbana-Champagne, IL, March 2002.*

•Characterizing visual memory decay with external noise. *Department of Psychology, Indiana University, Bloomington, IN, January 2002.*

•Comparison of black-box models of visual information processing. *Department of Psychology, Indiana University, Bloomington, IN, January 2002.*

•Snapshots of visual completion. *Department of Psychology, Indiana University, Bloomington, IN, February 2001.*

•Snapshots of visual completion. *Department of Psychology, University of California Los Angeles, Los Angeles, CA, February 2001.*

•Snapshots of visual completion. *Departments of Psychology & Computer Science, University of Maine, Orono, ME, June 2000.*

•Snapshots of visual completion. *Ebbinghaus Empire, University Toronto, Toronto, ON, Novermber, 1999.*

•Identification of frequency-filtered patterns by human and ideal observers. *Departments of Psychology & Computer Science, University of Maine, Orono, ME, August 1998.*

•Attending to color and/or position. *Research Group in Perception, University Toronto, Toronto, ON, February, 1998.*

•Relative efficiency of complex pattern identification. *Research Group in Perception, University Toronto, Toronto, ON, March, 1996.*

Editorial Service

+ Abstract Review Committee, Vision Sciences Society (2015-2016).

+ Guest Editor for special issue of *The Journal of the Optical Society of America:A* (2008-2009). "Ideal Observers and Efficiency: Commemorating 50 Years of Tanner and Birdsall."

• Guest Editor for special issue of the *Journal of Vision* (2005-2006). "Finding visual features: using stochastic stimuli to infer internal representations."

• Consulting Editor, Psychonomic Bulletin & Review

+ • Ad Hoc Reviewer for the Following Journals:

Perception and Psychophysics
Perception
Journal of Vision
Behavior Research Methods
Cognitive Science
Developmental Psychology
Psychological Review
Psychological Bulletin
Psychonomic Bulletin & Review
Frontiers in Psychology
Journal of Experimental Psychology: Human Perception and Performance
Journal of the Optical Society of America A
Proceedings of the National Academy of Sciences
Memory and Cognition

Psychological Science
Cognitive Brian Research
Cerebral Cortex
Royal Society Biology Letters
Vision Research
Journal of Mind and Behavior
Currect Biology

+ •Ad Hoc Reviwer for the Following Granting Agencies:

National Science Foundation
National Institute of Health
Natural Sciences and Engineering Research Council of Canada
Air Force Office of Scientific Research
Hong Kong Research Council

Professional Affiliations

•1997-1998 Canadian Society for Brain, Behavior and Cognitive Science
•1995-2001 Association for Research in Vision and Ophthalmology
•2000-2001 Optical Society of America
+ •2001-2016 Vision Sciences Society

Undergraduate Course Instructor

University of Toronto

• *Seminar on Research in Perception* (PSY480H, approx. enrollment: 10)
Spring, 1998

• *Introduction to Perception* (PSY280H, approx. enrollment: 65)
Summer 1999, 2000

Indiana University

+ • *Sensation and Perception* (P329, approx. enrollment per semester: 65-90)
Fall 2001, Spring 2002, Fall 2002, Fall 2003, Spring 2005, Fall 2005, Spring 2006, Fall 2007, Spring 2007; Spring 2008; Fall 2009; Fall 2010, Spring 2012; Spring 2013; Fall 2013; Spring 2014; Fall 2014; Spring 2015; Fall 2016; Fall 2017; Spring 2018; Fall 2018; Spring 2019; Spring 2020; Fall 2020; Fall 2021

• *Laboratory in Cognitive Psychology* (P435, approx. enrollment: 20)

Spring 2003

+ • *Laboratory in Sensation & Perception* (P424, approx. enrollment per semester: 20)
Fall 2004, Spring 2006, Spring 2007, Spring 2011

+ • *Cognitive Psychology* (P335, approx enrollment per semester: 65)
Fall 2008, Spring 2009, Spring 2010, Fall 2011, Spring 2012, Fall 2012; Spring 2014;
Spring 2017

+ *Implementing Computer-Controlled Behavioral Experiments in Psychological Science*
(P457, approx enrollment per semester: 12-15)
Fall 2014; Spring 2015; Fall 2016; Spring 2018; Fall 2019

Graduate Course Instructor

Indiana University

• *Psychophysics of Vision* (P565, approx. enrollment: 15)
Spring 2004

• *Cognitive Science Colloquium Series* (Q733, approx. enrollment: 60)
Fall 2004, Spring 2005, Fall 2005, Spring 2006; Fall 2006; Spring 2007