

Curriculum Vitae

Jeffrey M. Zacks

PERSONAL

Mailing Address: Department of Psychological & Brain Sciences
Washington University
Campus Box 1125
One Brookings Drive
St. Louis, Missouri 63130-4899

Phone: 314-935-8454

Fax: 314-935-7588

Email: jzacks@wustl.edu

Web: dcl.wustl.edu

Birthdate: June 11, 1970, Philadelphia, Pennsylvania

EDUCATION

1988-1992 B.A. in Cognitive Science
Yale University, New Haven, Connecticut
(*magna cum laude*, with the Intensive Major in Psychology).

1994-1996 M.A. in Cognitive Psychology
Stanford University, Stanford, California

1996-1999 Ph.D. in Cognitive Psychology
Stanford University, Stanford, California
Dissertation: *Event structure perception: Studies in perceiving, remembering, and communicating*. Committee: Barbara Tversky (chair), Gordon H. Bower, Herbert H. Clark, and John D. E. Gabrieli.

ACADEMIC POSITIONS

1991 Visiting fellow with the Los Alamos Speech Recognition Project
Los Alamos National Laboratory, Los Alamos, New Mexico

1992-1994 Staff scientist in the Cognitive Science Research Group
Bell Communications Research (Bellcore), Morristown, New Jersey

1995 Complex Systems Summer School
Santa Fe Institute, Santa Fe, New Mexico

- 1995-1996 Research Associate, Interval Research, Incorporated
Palo Alto, California
- 1999-2006 Assistant Professor, Department of Psychology
Washington University, St. Louis, Missouri
- 2004-2006 Assistant Professor, Department of Radiology
Washington University, St. Louis, Missouri
- 2006-2012 Associate Professor, Departments of Psychology and Radiology
Washington University, St. Louis, Missouri
- 2007-2013 Visiting Professor
Northumbria University, Newcastle, England.
- 2010 Visiting Fellow, Center for Advanced Studies (Clare Hall)
University of Cambridge, Cambridge England
- 2012-present Professor, Departments of Psychological & Brain Sciences and Radiology
Washington University, St. Louis, Missouri
- 2014-present Associate Chair, Department of Psychological & Brain Sciences
Washington University, St. Louis, Missouri

HONORS AND AWARDS

- 1994-1997 National Science Foundation: Graduate Research Fellowship.
- 1998 American Psychological Foundation/Council of Graduate Depts. of Psychology:
Graduate Research Scholarship in Psychology.
- 1998-1999 Stanford University: Humanities & Sciences Dissertation Fellowship.
- 2002-2006 Washington University: Recognition for excellence in graduate mentoring.
- 2004 American Psychological Association: Division of Experimental Psychology Young
Investigator Award in Experimental Psychology: Applied.
- 2008 American Psychological Foundation: F.C. McGuigan Young Investigator Prize.

Fellow of the Society of Experimental Psychologists, AAAS, Association for Psychological Science, the Psychonomic Society, the Society for the Cognitive Study of the Moving Image, and the Midwest Psychological Association

PUBLIC SCIENCE

Presentations American Academy of Motion Picture Arts & Sciences, Saint Louis Science Center, St. Louis Science on Tap

TV & Radio CNN, NPR, CBC, BBC, Irish Public Radio, St. Louis Public Radio, WNYC, Texas Public Radio, KPCC, KERA

Press The Guardian, La Repubblica, Wired, The Today Show, Pacific Standard

Articles The New York Times, Aeon, Salon, Xconomy

RESEARCH GRANTS

2000-2002 NIH 1R03MH062318-01: "Mental representations of goal-directed procedures" (PI).

2000-2003 McDonnell Center for Higher Brain Function: "Cortical correlates of mental animation" (PI).

2001-2002 James S. McDonnell Foundation: "Converging constraints on event perception" (PI).

2003-2004 NIH (Washington University ADRC): "Event perception in healthy aging and mild dementia of the Alzheimer's type" (PI).

2003-2004 NSF: "Event models in cognition and perception: From text to real-time" (PI).

2004-2008 NIH 1R01MH070674: "Neural architecture of event comprehension" (PI).

2006-2012 NSF: "IGERT: Cognitive, Computational, and Systems Neuroscience" (co-PI; graduate training grant).

2008-2013 NIH R01AG031150: "Encoding and remembering events across the lifespan" (PI)

2011-2015 NIH 1T32NS073547: "Interdisciplinary Training in Cognitive, Computational and Systems Neuroscience" (PI with S. Petersen & K. Thoroughman).

2011-2016 NIH 5PO1-AG0262760: "Antecedent biomarkers for AD: The adult child study" (Investigator, Morris PI)

- 2012-2016 NIH 1R21AG041419: “Event encoding in navigation and spatial memory” (PI)
- 2013-2015 DARPA: “Everyday event perception and memory in PTSD” (PI).
- 2013-2014 McDonnell Center for Systems Neuroscience: “New Resource Proposal—Transcranial Direct Current Stimulation” (PI).
- 2016-2018 NIH R21AG05231: “Everyday memory in aging and early Alzheimer’s disease” (PI)
- 2017-2020 ONR: “A Computational Cognitive Neuroscience Approach to Understanding Event Representation and Episodic Memory” (site PI)

ADMINISTRATIVE EXPERIENCE

National

- 2008-2013 Governing Board Member, Psychonomic Society.
- 2012 Governing Board Chair, Psychonomic Society.
- 2013-present Elected Member, US National Committee for the International Union for Psychological Science.
- 2014-present Chair, William K. & Katherine W. Estes Fund.
- 2015-present Member, National Academies of Sciences, Engineering, and Medicine Board on International Scientific Organizations.
- 2015-present Member, Psychonomic Society Publications Committee.
- 2015-present Member, AAAS Electorate Nominating Committee of the Section on Psychology.
- 2017 Chair, AAAS Electorate Nominating Committee of the Section on Psychology.

University

- 2000 Course Enhancement Proposal for outfitting teaching laboratory, Washington University College of Arts & Sciences.

- 2005-2008 Director, Image Analysis Center, Washington University Psychology Department.
- 2006-present Steering Committee Chair, Cognitive, Computational, & Systems Neuroscience Pathway, Washington University
- 2014-present Associate Chair, Psychology Department, Washington University in St. Louis

EDITORIAL AND REVIEWING

- 2008-2011 Associate Editor, Cognition.
- 2015-present Editor, Collabra (equivalent to associate editor in a typical journal)
- 2015-present Associate Editor, Cognitive Research: Principles and Implications
- 2002-2006 Editorial Board, Journal of Experimental Psychology: Applied
- 2005-2009 Editorial Board, Memory & Cognition
- 2006-present Editorial Board, Projections: The Journal for Movies and Mind
- 2007-2009 Editorial Board, Journal of Experimental Psychology: General
- 2010 Site Visitor, National Science Center Science of Learning Centers.
- 2015 External Review Committee, University of Delaware Department of Psychology
- 2017 External Review Committee, Emory University Program in Neuroscience & Behavioral Biology
- 2012-2016 Chartered Member, National Institutes of Health Cognition & Perception Panel
- 2004, 2008 Panelist, National Science Foundation Graduate Research Fellowship Program
- 2005 Panelist, National Institutes of Health ZRG1-F02B
- 2005 Panelist, National Institutes of Health Sensorimotor Integration Panel
- 2009, 2010 Panelist, National Institutes of Health ZRG1 BBBP-D & ZRG1 BBBP-E

Grant Reviews: National Science Foundation Cognitive Neuroscience Program, National Science Foundation Human Cognition and Perception Program, Canadian National Science and Engineering Research Council.

Journal Reviews: Applied Cognitive Psychology, Behavioral and Brain Sciences, Behavioral Neuroscience, Cerebral Cortex, Child Development, Clinical Psychological Science, Cognitive, Affective and Behavioral Neuroscience, Cognitive Psychology, Cognition, Current Biology, Current Directions in Psychological Science, European Journal of Cognitive Psychology, Human Brain Mapping, Journal of the American Medical Association, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception & Performance, Journal of Experimental Psychology: Learning, Memory & Cognition, Journal of Memory and Language, Journal of Neurophysiology, Journal of Neuroscience, Memory, Memory and Cognition, NeuroImage, Neuropsychologia, Perception, Perception & Psychophysics, Personality and Social Psychology Bulletin, Perspectives on Psychological Science, Proceedings of the

National Academy of Sciences, Psychological Research, Psychological Review, Psychological Science, Psychonomic Bulletin and Review, Quarterly Journal of Experimental Psychology, Science.

Meeting Reviews: AAAI Symposium on Space and Language, Cognitive Science Society, Western Psychological Association.

EVENTS ORGANIZED

- 2004 Putting perspective in things: The role of point of view in spatial reasoning. Symposium at the Annual Meeting of the Psychonomic Society.
- 2005 The cognitive neuroscience of film. Workshop held at Washington University
- 2009 New Findings in the Neuroscience of Discourse. Symposium at the Annual Meeting of the Society for Text and Discourse.
- 2013 Building Infrastructure for International Collaborations in Social and Behavioral Science. Symposium at the National Academies of Science.
- 2015 Representations in Mind and World: Work Inspired by Conversations with Barbara Tversky (with Holly Taylor)

MEMBERSHIPS

Association for Psychological Science
Cognitive Neuroscience Society
Cognitive Science Society
Memory Disorders Research Society
Midwest Psychological Association
Psychonomic Society

PUBLICATIONS

Books

- [1] Shipley, T. F., & Zacks, J. M. (Eds.). (2008). *Understanding events: From Perception to Action*. New York: Oxford University Press.
- [2] Radvansky, G.A., & Zacks, J.M. (2014). *Event Cognition*. New York: Oxford University Press.
- [3] Zacks, J.M (2014). *Flicker: Your Brain on Movies*. New York: Oxford University Press.

- [4] Taylor, H. A., & Zacks, J. M. (Eds.). (in press). *Representations in mind and world*. Hove, England: Psychology Press.

Journal Articles (peer reviewed)

- [1] Papcun, G., Hochberg, J., Thomas, T., Laroche, F., & Zacks, J. (1992). Inferring articulation and recognizing gestures from acoustics with a neural network trained on X-ray microbeam data. *Journal of the Acoustical Society of America*, *92*, 688-700.
- [2] Zacks, J., & Thomas, T. R. (1994). A new neural network for articulatory speech recognition and its application to vowel identification. *Computer Speech & Language*, *8*, 189-209.
- [3] Servos, P., Zacks, J. M., Rumelhart, D. E., & Glover, G. H. (1998). Somatotopy of the human arm using fMRI. *NeuroReport*, *9*, 605-609.
- [4] Zacks, J. M., Levy, E., Tversky, B., & Schiano, D. J. (1998). Reading bar graphs: Effects of extraneous depth cues and graphical context. *Journal of Experimental Psychology: Applied*, *4*, 119-138.
- [5] Zacks, J. M., Rypma, B., Gabrieli, J., Tversky, B., & Glover, G. (1999). Imagined transformations of bodies: an fMRI investigation. *Neuropsychologia*, *37*, 1029-1040.
- [6] Zacks, J. M., & Tversky, B. (1999). Bars and lines: a study of graphic communication. *Memory and Cognition*, *27*, 1073-1079.
- [7] Zacks, J. M., Tversky, B., & Iyer, G. (2001). Perceiving, remembering, and communicating structure in events. *Journal of Experimental Psychology: General*, *130*, 29-58.
- [8] Zacks, J. M., & Tversky, B. (2001). Event structure in perception and conception. *Psychological Bulletin*, *127*, 3-21.
- [9] Zacks, J. M., Braver, T. S., Sheridan, M. A., Donaldson, D. I., Snyder, A. Z., Ollinger, J. M., Buckner, R. L., & Raichle, M. E. (2001). Human brain activity time-locked to perceptual event boundaries. *Nature Neuroscience*, *4*, 651-655.
- [10] Maccotta, L., Zacks, J. M., & Buckner, R. L. (2001). Rapid self-paced event-related functional MRI: Feasibility and implications of stimulus- versus response-locked timing. *NeuroImage*, *14*, 1105-1121.
- [11] Zacks, J. M., Mires, J., Tversky, B., & Hazeltine, E. (2002). Mental spatial transformations of objects and perspective. *Spatial Cognition & Computation*, *2*, 315-322.
- [12] Zacks, J. M., Ollinger, J. M., Sheridan, M. A., & Tversky, B. (2002). A parametric study of mental spatial transformations of bodies. *NeuroImage*, *16*, 857-872.

- [13] Michelon, P. & Zacks, J. M. (2003). What is primed in priming from imagery? *Psychological Research*, *67*, 71-79.
- [14] Michelon, P., Snyder, A. Z., Buckner, R. L., McAvoy, M. & Zacks, J. M. (2003). Neural correlates of incongruous visual information: An event-related fMRI study. *NeuroImage*, *19*, 1612-1626.
- [15] Zacks, J. M., & Tversky, B. (2003). Structuring information interfaces for procedural learning. *Journal of Experimental Psychology: Applied*, *9*, 88-100.
- [16] Zacks, J. M., Gilliam, F., & Ojemann, J. G. (2003). Selective disturbance of mental rotation by cortical stimulation. *Neuropsychologia*, *41*, 1659-1667.
- [17] Zacks, J. M., Vettel, J. M., & Michelon, P. (2003). Imagined viewer and object rotations dissociated with event-related fMRI. *Journal of Cognitive Neuroscience*, *15*, 1002-1017.
- [18] Swallow, K. M., Braver, T. S., Snyder, A. Z., Speer, N. K., & Zacks, J. M. (2003). Reliability of functional localization using fMRI. *NeuroImage*, *20*, 1561-1577.
- [19] Speer, N. K., Swallow, K. M., & Zacks, J. M. (2003). Activation of human motion processing areas during event perception. *Cognitive, Affective, and Behavioral Neuroscience*, *3*, 335-345.
- [20] Olson, K. R., Lambert, A. J., & Zacks, J. M. (2004). Graded structure and the speed of category verification: On the moderating effects of anticipatory control for social vs. nonsocial categories. *Journal of Experimental Social Psychology* *40*, 239-246.
- [21] Tversky, B., Zacks, J. M., & Lee, P. (2004). Events by hand and feet. *Spatial Cognition & Computation*, *4*, 5-15.
- [22] Zacks, J. M., Michelon, P., Vettel, J. M., & Ojemann, J. G. (2004). Functional reorganization of spatial transformations after a parietal lesion. *Neurology*, *63*, 287-292.
- [23] Zacks, J. M. (2004). Using movement and intentions to understand simple events. *Cognitive Science*, *28*, 979-1008.
- [24] Speer, N. K., & Zacks, J. M. (2005). Temporal changes as event boundaries: Processing and memory consequences of narrative time shifts, *Journal of Memory and Language*, *53*, 125-140.
- [25] Zacks, J. M., & Michelon, P. (2005). Transformations of visuospatial images. *Behavioral and Cognitive Neuroscience Reviews*, *4*, 96-118.
- [26] Fox, M. D., Snyder, A. Z., Zacks, J. M., & Raichle, M. E. (2005). Coherent spontaneous fluctuations in neuronal activity account for response variability in the human brain. *Nature Neuroscience*, *9*, 23-25.

- [27] Zacks, J. M. & Tversky, B. (2005). Multiple systems for spatial imagery: Transformations of objects and bodies, *Spatial Cognition & Computation*, 5, 271-306.
- [28] Michelon, P., Vettel, J. M., & Zacks, J. M. (2006). Lateral somatotopic organization during imagined and prepared movements. *Journal of Neurophysiology*, 95, 811-822.
- [29] Michelon, P., & Zacks, J. M. (2006). Two kinds of visual perspective-taking, *Perception & Psychophysics*, 68, 327-337.
- [30] Zacks, J. M., Swallow, K. M., Vettel, J. M., & McAvoy, M. P. (2006). Visual motion and the neural correlates of event perception, *Brain Research*, 1076, 150-162.
- [31] Zacks, J. M., Speer, N. K., Vettel, J. M., & Jacoby, L. L. (2006). Event understanding and memory in healthy aging and dementia of the Alzheimer type. *Psychology & Aging*, 21, 466-482.
- [32] Zacks, J. M., Speer, N. K., Swallow, K. M., Braver, T. S., & Reynolds, J. R. (2007). Event perception: A mind/brain perspective. *Psychological Bulletin*, 133, 273-293.
- [33] Speer, N. K., Reynolds, J. R., & Zacks, J. M. (2007). Human brain activity time-locked to narrative event boundaries. *Psychological Science*, 18, 449-455.
- [34] Zacks, J. M. & Swallow, K. M. (2007). Event segmentation. *Current Directions in Psychological Science*, 16, 80-84.
- [35] Reynolds, J. R., Zacks, J. M., & Braver, T. S. (2007). A computational model of event segmentation from perceptual prediction, *Cognitive Science*, 31, 613-643.
- [36] Zacks, J. M. (2008). Neuroimaging studies of mental rotation: A meta-analysis and review. *Journal of Cognitive Neuroscience*, 20, 1-19.
- [37] Swallow, K. M. & Zacks, J. M. (2008). Sequences learned without awareness can orient attention during the perception of human activity. *Psychonomic Bulletin & Review*, 15, 116-122.
- [38] Kurby, C. A. & Zacks, J. M. (2008). Segmentation in the perception and memory of events. *Trends in Cognitive Sciences*, 12, 72-79.
- [39] Yarkoni, T., Speer, N. K., Balota, D. A., McAvoy, M. P., & Zacks, J. M. (2008). Pictures of a thousand words: Investigating the neural mechanisms of reading with extremely rapid event-related fMRI. *Neuroimage*, 42, 973-987.
- [40] Yarkoni, T., Speer, N. K., & Zacks, J. M. (2008). Neural substrates of narrative comprehension and memory. *Neuroimage*, 41, 1408-1425.

- [41] Zacks, J. M., Speer, N. K., & Reynolds, J. R. (2009). Segmentation in reading and film comprehension. *Journal of Experimental Psychology: General*, *138*, 307-327.
- [42] Swallow, K. M., Zacks, J. M., & Abrams, R. A. (2009). Event boundaries in perception affect memory encoding and updating. *Journal of Experimental Psychology: General*, *138*, 236-257.
- [43] Speer, N. K., Reynolds, J. R., Swallow, K. M., & Zacks, J. M. (2009). Reading stories activates neural representations of perceptual and motor experiences. *Psychological Science*, *20*, 989-999.
- [44] Zacks, J. M., Kumar, S., & Abrams, R. A. (2009). Using movement and intentions to understand human activity. *Cognition*, *201*, 201-216.
- [45] Zacks, J. M., Speer, N. K., Swallow, K. M., & Maley, C. J. (2010). The brain's cutting-room floor: Segmentation of narrative cinema. *Frontiers in Human Neuroscience*, *4*(168), 1-15.
- [46] Yu, A. B. & Zacks, J. M. (2010). The role of animacy in spatial transformations. *Memory & Cognition*, *38*, 982-993.
- [47] Radvansky, G. A., & Zacks, J. M. (2010). Event perception. *Wiley Interdisciplinary Reviews: Cognitive Science*.
- [48] Swallow, K. M., Barch, D. M., Head, D., Maley, C. J., Holder, D. & Zacks, J. M. (2011). Changes in events alter how people remember recent information. *Journal of Cognitive Neuroscience*, *23*, 1052-1064.
- [49] Kurby, C. & Zacks, J. M. (2011). Age differences in the perception of hierarchical structure in events. *Memory & Cognition*, *39*, 75-91.
- [50] Bailey, H. R. & Zacks, J. M. (2011). Literature and event understanding. *Scientific Study of Literature*, *1*, 72-78.
- [51] Zacks, J. M., Kurby, C. A., Eisenberg, M. L. & Haroutunian, N. (2011). Prediction error associated with the perceptual segmentation of naturalistic events. *Journal of Cognitive Neuroscience*, *23*, 4057-4066.
- [52] Magliano, J.P. & Zacks, J.M. (2011). The impact of continuity editing in narrative film on event segmentation. *Cognitive Science*, *8*, 1489-1517.
- [53] Cole M.W., Etzel J.A., Zacks J.M., Schneider W., Braver T.S. (2011). Rapid transfer of abstract rules to novel contexts in human lateral prefrontal cortex. *Frontiers in Human Neuroscience*, *5*, 142.

- [54] Magliano, J.P., Kopp, K., McNERney, W., Radvansky, G.A., & Zacks, J.M. (2012). Aging and perceived event structure as a function of modality. *Aging, Neuropsychology and Cognition, 19*, 264-282.
- [55] Webb, A.B., Fetsch, C.R., Israel, E., Roman, C., Encarnación, C.H., Zacks, J.M., Thoroughman, K.A., and Herzog, E.D. (2012). Training scientists in a science center improves science communication to the public. *Advances in Physiology Education, 36*, 72-76.
- [56] Kurby, C.A., & Zacks, J.M. (2012). Starting from scratch and building brick by brick in comprehension. *Memory & Cognition, 40*, 812-826.
- [57] Huff, M., Papenmeier, F., & Zacks, J. M. (2012). Visual target detection is impaired at event boundaries. *Visual Cognition, 20*, 848–864.
- [58] Bailey, H. R., Zacks, J. M., Hambrick, D. Z., Zacks, R. T., Head, D., Kurby, C. A., & Sargent, J. Q. (2013). Medial temporal lobe volume predicts elders' everyday memory. *Psychological Science, 24*, 1113–1122.
- [59] Sargent, J. Q., Zacks, J. M., Philbeck, J. W., & Flores, S. (2013). Distraction shrinks space. *Memory & Cognition, 41*, 769–780.
- [60] Etzel, J. A., Zacks, J. M., & Braver, T. S. (2013). Searchlight analysis: Promise, pitfalls, and potential. *NeuroImage, 78*, 261–269.
- [61] Kurby, C. A., & Zacks, J. M. (2013). The activation of modality-specific representations during discourse processing. *Brain and Language, 126*, 338–349.
- [62] Sargent, J. Q., Zacks, J. M., Hambrick, D. Z., Zacks, R. T., Kurby, C. A., Bailey, H. R., Eisenberg, M. L. & Beck, T. M. (2013). Event segmentation ability uniquely predicts event memory. *Cognition, 129*, 241–255.
- [63] Bailey, H. R., Kurby, C. A., Giovannetti, T., & Zacks, J. M. (2013). Action perception predicts action performance. *Neuropsychologia, 51*, 2294–2304.
- [64] Yu, A. B., Abrams, R. A., & Zacks, J. M. (2014). Limits on action priming by pictures of objects. *Journal of Experimental Psychology: Human Perception and Performance, 40*, 1861-1873.
- [65] McAleer, P., Pollick, F. E., Crabbe, F., Love, S. A. & Zacks, J. M. (2014). The neural correlates of biological motion perception in naturalistic events. *Cognitive, Affective & Behavioral Neuroscience, 14*, 307-318.
- [66] Mereu, S., Zacks, J. M., Kurby, C. A., & Lleras, A. (2014). The role of prediction in perception: evidence from interrupted visual search. *Journal of Experimental Psychology: Human Perception and Performance, 40*, 1372-1389.

- [67] Bailey, H. R., & Zacks, J. M. (2015). Situation model updating in young and older adults: Global versus incremental mechanisms. *Psychology & Aging, 30*, 232-244.
- [68] Gordon, B. A., Zacks, J. M., Blazey, T., Benzinger, T. L. S., Morris, J. C., Fagan, A. M., ... Balota, D. A. (2015). Task-evoked fMRI changes in attention networks are associated with preclinical Alzheimer's disease biomarkers. *Neurobiology of Aging, 36*, 1771-1779.
- [69] Bailey, H. R., Sargent, J. Q., Flores, S., Nowotny, P., Goate, A., & Zacks, J. M. (2015). APOE ϵ 4 genotype predicts memory for everyday activities. *Aging, Neuropsychology, and Cognition, 22*, 639-666.
- [70] Yu, A. B., & Zacks, J. M. (2016). How are bodies special? Effects of body features on spatial reasoning. *Quarterly Journal of Experimental Psychology, 16*, 1210-1226.
- [71] Zacks, J. M., Kurby, C. A., Landazabal, C. S., Krueger, F., & Grafman, J. (2016). Effects of penetrating traumatic brain injury on event segmentation and memory. *Cortex, 74*, 233-246.
- [72] Eisenberg, M. L., & Zacks, J. M. (2016). Ambient and focal visual processing of naturalistic activity. *Journal of Vision, 16*(2), 5.
- [73] Eisenberg, M. L., Sargent, Jesse Q., & Zacks, J. M. (2016). Posttraumatic stress and the comprehension of everyday activity. *Collabra, 2*, 1-10.
- [74] Gold, D. A., Zacks, J. M., & Flores, S. (2016). Effects of cues to event segmentation on subsequent memory. *Cognitive Research: Principles and Implications, 2*.
- [75] Etzel, J. A., Cole, M. W., Kay, K., Zacks, Jeffrey M., & Braver, Todd S. (2016). Reward motivation enhances task coding in frontoparietal cortex. *Cerebral Cortex, 26*. 1647-1659.
- [76] Sebastian, K., Ghose, T., Zacks, J. M., & Huff, M. (2017). Understanding the cognitive potential of persons with intellectual disability in workshops for adapted work. *Applied Cognitive Psychology, 31*, 175-186.
- [77] Richmond, L. L., Gold, D. A., & Zacks, J. M. (in press). Event perception: Translations and applications. *Journal of Applied Research on Memory and Cognition*.
- [78] Flores, S., Bailey, H. R., Eisenberg, M. L., & Zacks, J. M. (in press). Event segmentation improves event memory up to one month later. *Journal of Experimental Psychology: Learning, Memory & Cognition*.
- [79] Yu, A. B., & Zacks, J. M. (in press). Transformations and representations supporting spatial perspective taking. *Spatial Cognition & Computation*.

- [80] Bailey, H. R., Kurby, C. A., Sargent, J. Q., & Zacks, J. M. (in press). Attentional focus affects how events are segmented and updated in narrative text. *Memory & Cognition*.
- [81] Richmond, L. L., Gold, D. A., & Zacks, J. M. (in press). Improving event cognition: From the laboratory to the clinic. *Journal of Applied Research in Memory and Cognition*.

Manuscripts Submitted for Publication

- [1] Kurby, C. A., & Zacks, J. M. (under review). Preserved neural event segmentation in healthy older adults.
- [2] Radvansky, G. A., & Zacks, J. M. (under review). Event boundaries in memory and cognition.
- [3] Richmond, L. L., & Zacks, J. M. (under review). Constructing experience: Event models from perception to action.

Commentaries, Reviews, Popular Articles, and Encyclopedia Articles

- [1] Zacks, J. M. (2001). Scaling up from atomic to complex events. *Behavioral and Brain Sciences*, 24, 909-910.
- [2] Zacks, J. M. (2002). Review of "Parts and places," by Roberto Casati and Achille Varzi. *Philosophical Psychology*, 15, 95-97.
- [3] Robbins, P. & Zacks, J. M. (2007). Attachment theory and cognitive science: commentary on Fonagy & Target. *Journal of the American Psychoanalytic Association*, 55 (2), 457-467.
- [4] Zacks, J. M. (2007). Review of "In the Mind's eye: Julian Hochberg on the perception of pictures, films, and the world". *Projections: The Journal for Movies and Mind*, 1, 114-117.
- [5] Zacks, J. M & Maley, C. J. (2007). What's hot in psychology. *APS Observer*, 20, 23-26.
- [6] Zacks, J. M. (2008). Event perception. *Scholarpedia*, 3, 3837.
- [7] Zacks, J. M. (2010). How we organize our experience into events. *Psychological Science Agenda*, 24.
- [8] Brenner, C. B. & Zacks, J.M. (2011). Commentary on "Why walking through a doorway makes you forget." *Scientific American Mind Matters*.
<http://www.scientificamerican.com/article/why-walking-through-doorway-makes-you-forget/>

- [9] Zacks, J.M. (2014). Coming soon to theater near you: Magnovision? *Xconomy*.
<http://www.xconomy.com/national/2014/12/16/coming-soon-to-a-theater-near-you-magnovision/>
- [10] Zacks, J.M. (2015). Rocky Balboa just punched me: The neuroscience behind our tears, fears and flinches at the movies. *Salon*.
http://www.salon.com/2015/01/18/rocky_balboa_just_punched_me_the_neuroscience_behind_our_tears_fears_and_flinches_at_the_movies/
- [11] Zacks, J. M. (2015, April 16). Strange continuity. *Aeon*. <https://aeon.co/essays/why-dont-our-brains-explode-when-we-watch-movies>
- [12] Zacks, J.M. (2015). Why movie ‘facts’ prevail. *The New York Times*.
http://www.nytimes.com/2015/02/15/opinion/sunday/why-movie-facts-prevail.html?_r=0
- [13] Zacks, J. M. (2016, June 13). Getting smarter. *Aeon*. <https://aeon.co/essays/there-s-a-better-way-to-get-smarter-than-brain-training-games>
- [14] Zacks, J. M., & Gold, D. A. (2016). Event perception. In *The SAGE Encyclopedia of Theory in Psychology*. Thousand Oaks, California: SAGE Publications, Inc.
- [15] Zacks, J. M., & Treiman, R. (2016). Sorry, You Can’t Speed Read. *The New York Times*.
<http://www.nytimes.com/2016/04/17/opinion/sunday/sorry-you-cant-speed-read.html>.
- [16] Zacks, J. M. (2017,). Here’s looking at you. *Aeon*. <https://aeon.co/essays/how-filmmakers-push-your-eyes-around-the-screen-at-will>

Book Chapters

- [1] Tversky, B., Zacks, J. M., Lee, P. U., & Heiser, J. (2000). Lines, blobs, crosses and arrows. In M. Anderson, P. Cheng, & V. Haarslev (Eds.), *Theory and application of diagrams* (pp. 221-230). Edinburgh: Springer.
- [2] Zacks, J. M., Levy, E., Tversky, B., & Schiano, D. (2002). Graphs in print. In M. Anderson & B. Meyer & P. Olivier (Eds.), *Diagrammatic representation and reasoning*. London: Springer-Verlag.
- [3] Tversky, B., Morrison, J., & Zacks, J. M. (2002). On bodies and events. In A. Meltzoff & W. Prinz (Eds.), *The imitative mind* (p. 221-232). Cambridge: Cambridge University Press.
- [4] Zacks, J. M., & Roediger, H. L., III. (2004). Setting up a lab and starting your program of research. In J. Darley & M. Zanna & H. L. Roediger, III (Eds.), *The Compleat Academic* (pp. 135-152). Washington, DC: American Psychological Association.

- [5] Tversky, B., Zacks, J. M., & Martin, B. (2008). The structure of experience. In T. F. Shipley & J. M. Zacks (Eds.), *Understanding events: From perception to action*. (pp. 436-464).
- [6] Zacks, J. M., & Sargent, J. Q. (2010). Event perception: A theory and its application to clinical neuroscience. In B. H. Ross (Ed.), *Psychology of learning and motivation*, v. 53 (pp. 253-299).
- [7] Tversky, B., Zacks, J. M., Morrison, J. B. & Hard, B. M. (2010). Talking about events. In J. Bohnemeyer & E. Pederson (Eds.), *Event Representation in Language and Cognition* (pp. 216-227). New York: Cambridge University Press.
- [8] Zacks, J. M., & Magliano, J. P. (2011). Film understanding and cognitive neuroscience. In F. Bacci & D. P. Melcher (Eds.), *Art and the Senses*. New York: Oxford University Press (p. 435-454).
- [9] Zacks, J. M., & Tversky, B. (2012). Granularity in taxonomy, time and space. In M. Vulchanova & E. van der Zee (Eds.), *Motion encoding in language and space* (pp. 123–133). Oxford: Oxford University Press.
- [10] Zacks, J. M. (2013). Constructing event representations during film viewing. In A. P. Shimamura (Ed.), *Psychocinematics: exploring cognition at the movies* Oxford: Oxford Univ. Press (pp. 227–243).
- [11] Zacks, J. M., & Ferstl, E. C. (2015). Discourse Comprehension. In G. Hickok & S. L. Small (Eds.), *Neurobiology of Language* (pp. 662–674). Amsterdam: Elsevier Science Publishers.
- [12] Sargent, J. Q., Bailey, H. R. & Zacks, J. M. (2015) Perceptual segmentation of naturalistic events: Methods and applications (pp. 443-465). In J. L. Szalma, M. Scerbo, R. Parasuraman, P. A. Hancock, R. R. Hoffman & Alan Kingstone (Eds.), *Handbook of Applied Perception Research*. Cambridge, UK: Cambridge University Press.
- [13] Kurby, C. A., Zacks, J. M., & Willems, R. M. (2015). Situation models in naturalistic comprehension. In *Cognitive Neuroscience of Natural Language Use* (pp. 59–76). Cambridge University Press.
- [14] Shelton, A. L., & Zacks, J. M. (2015). Spatial transformations of scene stimuli: It's an upright world. In J. S. Gero (Ed.), *Studying visual and spatial reasoning for design creativity* (pp. 245–266). Berlin: Springer.
- [15] Zacks, J. M. (in press). Events in mind, media, and memory. In J. M. Zacks & H. A. Taylor (Eds.), *Representations in mind and world*. New York: Psychology Press.
- [16] Taylor, H. A., & Zacks, J. M. (in press). Representations of Barbara Tversky. In J. M. Zacks & H. A. Taylor (Eds.), *Representations in mind and world*. New York: Psychology Press.

Technical Reports

- [1] Hochberg, J., Laroche, F., Papcun, G., Thomas, T., & Zacks, J. M. (1991). From phonemes to gestures: Non-linear speech recognition at CNLS. *CNLS Newsletter* (67), 1-14.
- [2] Zacks, J. M. (1994). *A taxonomy of electronic information services* (Technical Memorandum TM-24219): Bell Communications Research.

PROFESSIONAL PRESENTATIONS

Keynote Addresses

2014 *Towards neurally-inspired computational models of narrative*. Keynote address to the Computational Models of Narrative Workshop, Quebec, Canada.

2014 *Event representations in discourse processing*. Keynote address to the Embodied and Situated Language Processing Meeting, Rotterdam, Netherlands.

2016 *Event Comprehension and Memory in the Predictive Brain*. Keynote address to the Context and Episodic Memory Symposium, Philadelphia, PA.

2016 *Predicting, Comprehending, and Remembering Events*. Keynote address to the International Congress on Memory, Budapest, Hungary.

2016 *Event comprehension and memory in the predictive brain*. Keynote address to the Annual Meeting of the Cognitive Science Society.

Invited Talks and Colloquia

1998 *Imaging Imagining the Body in Space*. Invited talk, Interval Research Corp., January 27, 1998.

1998 *Structure and substance in event perception*. Invited talk, UCSD Cognitive Science Department, February 23, 1998.

1998 *Structure and substance in event perception*. Invited talk, NASA-Ames Research Center, April 2, 1998.

1998-9 *Imaging imagined spatial transformations*. Invited talk given at University of Wisconsin, Washington University in Saint Louis, Georgia Institute of Technology, Columbia University, Dartmouth College, Carnegie Mellon University.

- 1998-2000 *Structure and substance in event perception*. Invited talk given at Williams College, University of Wisconsin, Washington University in Saint Louis, Georgia Institute of Technology, Columbia University, Dartmouth College, Carnegie Mellon University, Microsoft Research, University of Missouri.
- 2001 *Perceiving event parts*. Invited address given at Southern Illinois University.
- 2001 *Is it over? Watching the mind and brain perceive event parts*. Invited address given at the Pew Midstates Science and Mathematics Symposium.
- 2001 *The perceptual structure and neural correlates of event perception*. Invited address given at The University of California, Berkeley.
- 2001 *Behavioral and neuroimaging studies of event perception*. Invited address given at Stanford University.
- 2002 *Granularity in space and time*. Invited address at the Workshop on Language and Space, Bielefeld, Germany, July 8-11.
- 2003 *The perceptual structure and neural correlates of event understanding*. Invited address given at the University of Illinois, Urbana-Champaign.
- 2003 *The perceptual structure and neural correlates of event understanding*. Invited address given at Rutgers University, Newark, NJ.
- 2004 *Components of mental spatial transformations*. Brown bag given at Johns Hopkins University.
- 2004 *The cognitive structure of everyday events*. Invited address given to the Sandia Laboratories/University of New Mexico Cognitive Systems Workshop, Santa Fe, NM.
- 2004 *Event perception: A mind-brain perspective*. Invited address given to the symposium Event Representations in Mind and Language, Eugene, OR.
- 2005 *Multiple systems for mental spatial transformations*. Invited address given at Michigan State University, East Lansing, MI.
- 2005 *Carving events at their joints*. Invited address given at Michigan State University, East Lansing, MI.
- 2005 *On the role of movement in event understanding*. Invited talk given at the annual meeting of the American Psychological Society, Los Angeles, CA.
- 2006 *Event perception: A mind/brain perspective*. Invited address given at the University of Toronto, Toronto, Canada.

- 2006 *Event perception: A mind/brain perspective*. Invited address given at the University of Minnesota, Minneapolis, MN.
- 2006 *Components of visuospatial image transformations*. Invited talk given the International Workshop on Knowing That and Knowing How in Space, Bonn University.
- 2007 *Event perception and memory: A mind/brain perspective*. Invited address given at the University of Glasgow, Glasgow, UK.
- 2007 *Event perception and memory: A mind/brain perspective*. Invited address given at the University of Edinburgh, Edinburgh, UK.
- 2008 *Event perception and memory*. Invited address given at Northumbria University, Newcastle, UK.
- 2008 *Event perception and memory control*. Invited address given at the National Institute of Neurological Disorders and Stroke, Bethesda, MD.
- 2008 *Event segmentation and memory*. Invited talk given at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- 2008 Perceptual segmentation of the behaviour stream and the hierarchical organisation of life events. Invited talk given at the SPARK Workshop on Habit and Routine, London, UK.
- 2008 *Event perception and memory: A mind-brain perspective*. Invited address given at Johns Hopkins University.
- 2009 *Representations of events in reading, perception, and memory*. Institute for Information Sciences Colloquium, University of Memphis.
- 2009 *Using neuroimaging to study story understanding*. Neuroscience colloquium given at Weber State University.
- 2009 *Event perception, cognitive control, and memory*. Delta Center Colloquium, University of Iowa (2009).
- 2009 *Event segmentation in perception, memory, and learning*. Curry School of Education Colloquium, University of Virginia.
- 2009 *Event perception, cognitive control, and memory*. Invited address given at the University of Illinois (2009).
- 2010 *The influence of meaning on spatial reasoning: bodies are special*. Invited address given at the NSF International Workshop on Studying Visual and Spatial Reasoning for Design Creativity, Aix-en-Provence.

- 2010 *Event perception and memory across the lifespan*. Invited address given at Northern Illinois University.
- 2010 *Parsing the stream of behavior*. Invited address given at the Leibniz Institute for Knowledge Media Research Center, Tübingen.
- 2010 *Parsing the stream of behavior*. Invited address given at Saarland University.
- 2010 *Events: Gestalts in time*. Keynote address to the Configural Processing Consortium.
- 2011 *Prediction, memory updating, and the perception of events*. Invited address given at the Behavioural and Cognitive Neuroscience Institute, Cambridge University.
- 2011 *Parsing the stream of behavior*. Invited address given at Medical Research Council Cognition & Brain Sciences Unit, Cambridge University.
- 2011 *Flicker, move, cut: Perceiving movies in the mind and brain*. Arts, Sciences & Humanities Colloquium given at Clare Hall, Cambridge University.
- 2011 *Mental transformations of objects and perspective*. Spatial Cognition Colloquium given at the University of Bremen.
- 2011 *Parsing events in perception—and perhaps in action*. Invited address given at the workshop “Architecture of Human Motor Action: From Kinematics to Cognitive Models,” University of Bielefeld.
- 2011 *Event segmentation: Putting the 'episode' in episodic memory*. Invited address given at the Perspectives on Autobiographical Memory Development Conference, Aarhus University.
- 2012 *Event perception, cognitive control, and memory*. Psychology Colloquium, Illinois State University.
- 2012 *Event perception, cognitive control, and memory*. Psychology Colloquium, Tufts University.
- 2012 *Segmentation in event perception and memory*. International Congress of Psychology, Cape Town, South Africa.
- 2012 *Movies in the mind and brain*. Keynote address, Midbrains Undergraduate Neuroscience Conference, Carleton College.
- 2012 *Event perception, cognitive control, and memory*. Psychology Colloquium, Tufts University.
- 2013 *Event perception, cognitive control, and memory*. Cognitive Science Colloquium, University of Arizona.

- 2013 *Event perception, cognitive control, and memory*. Ebbinghaus Empire Colloquium, University of Toronto.
- 2013 *Event perception, cognitive control, and memory*. Center for Language Sciences Colloquium, University of California at Irvine.
- 2013 *Everyday event perception and memory and memory in PTSD*. Narrative Networks Investigator Meeting, Arlington, VA.
- 2013 *Event Perception, Cognitive Control, Discourse Comprehension and Memory*. Institute for Research in Cognitive Science Colloquium, University of Pennsylvania.
- 2013 *Event Perception, Cognitive Control, Discourse Comprehension and Memory*. Cognitive Science Symposium, Arizona State University.
- 2014 *Event parsing in life and film*. Keynote address to the Annual Conference of the Society for the Cognitive Study of the Moving Image, Lancaster PA.
- 2014 *Movies in your brain*. Invited public presentation at the Academy of Motion Picture Arts & Sciences, Los Angeles, CA.
- 2015 *How your brain watches movies*. TEDX WUSTL, Saint Louis, MO.
- 2015 *The predictive brain in perception and memory*. Cognitive Neuroscience Brown Bag, University of Illinois, Urbana, IL.
- 2016 *The predictive brain in perception and memory*. Department of Neuroscience Colloquium, Washington University, Saint Louis, MO.
- 2016 *The predictive brain in perception and memory*. Department of Psychology Colloquium, Princeton University, Princeton, PA.
- 2016 *Event Comprehension in Language and Perception*. Diversity in Language, Culture, and Cognition Colloquium, Radboud University, Nijmegen, Netherlands.
- 2017 *Event comprehension and memory in the predictive brain*. Department of Psychology Colloquium, Birkbeck London of University, London, UK.
- 2017 *From event perception to memory and back again*. Invited talk, Workshop on Event Memory, York University, York, UK.
- 2017 *The predictive brain in perception and memory*. Cognitive Science Colloquium, Rutgers University, Newark, NJ.
- 2017 *The predictive brain in perception and memory*. Cognitive Science Colloquium, Indiana University, Bloomington, IN.

Conference Proceedings and Abstracts (since 2010)

- Mereu, S., Zacks, J.M., Kurby, C. A., & Lleras, A. (2010) *Prediction prevents rapid resumption from being disrupted after the target's location has changed*. Presented at the annual meeting of the Vision Sciences Society, Naples, FL.
- Sargent, J., & Zacks, J. (2010). Chunking in spatial memory from route experience. *Abstracts of the Psychonomic Society, 13*, p. 82.
- Bangert A.S., Kurby, C.A., Zacks, J.M., Deng, A., & Bryant, J.E. (2010). Eventful experience speeds up time. *Abstracts of the Psychonomic Society, 13*, p. 43.
- Huff, M., & Zacks, J.M. (2010). Visual target detection is impaired at event boundaries. *Abstracts of the Psychonomic Society, 13*, p. 43.
- Yu, A.B., Zacks, J.M., & D'Andrea, L.M. (2010). Body parts facilitate non-rotational processes during judgments about rotated figures. *Abstracts of the Psychonomic Society, 13*, p. 81-82.
- Zacks, J.M. & Magliano, J.P. (2011). Editing and the perception of events in film. *Abstracts of the Psychonomic Society, 14*, p. 8.
- Sargent, J.Q., Zacks, J.M., Zacks, R.T., Hambrick, D.Z., Eisenberg, M.L., & Beck, T.M. Event segmentation ability uniquely predicts memory. *Abstracts of the Psychonomic Society, 14*, p. 205.
- Kurby, C.A. & Zacks, J.M. (2011). Priming shows that episodic memory is structured according to perceptual events. *Abstracts of the Psychonomic Society, 14*, p. 205.
- Zacks, Jeffrey M. (2012). A role for event representations in perception, prediction and memory-updating. *Proceedings of the Annual Meeting of the Cognitive Neuroscience Society* (p. 23).
- Kurby, C. A., Sargent, J. Q., Bailey, H. R. & Zacks, Jeffrey M. (2012). Event segmentation and memory in younger and older adults: An fMRI investigation. *Cognitive Aging Conference*.
- Bailey, H. R., Hambrick, D. Z., Zacks, R. T., Head, D., Kurby, C. A. & Zacks, J. M. (2012). Event perception and medial temporal lobe atrophy in cognitive normal aging and early stage Alzheimer's disease. *Cognitive Aging Conference*.
- Sargent, J. Q., Hambrick, D. Z., Zacks, R. T., Head, D., Kurby, C. A., Eisenberg, M. L., et al. (2012). Event segmentation ability uniquely predicts memory in younger and older adults. *Cognitive Aging Conference*.

- Bailey, H.R., Zacks, J.M., Kurby, C.A., & Giovanetti, T. Event perception ability predicts action performance. *Abstracts of the Psychonomic Society*, 15, p. 72.
- Eisenberg, M. L., Sargent, J.Q., & Zacks, J.M. Post-traumatic stress disorder symptom severity predicts event processing performance. *Abstracts of the Psychonomic Society*, 15, p. 200.
- Sargent, J.Q., Zacks, J.M., Philbeck, J.W., Flores, S. Distraction shrinks space (2013). *Annual Meeting of the Association for Psychological Science*.
- Bailey, H. R. & Zacks, J.M. (2013). Situation model updating in young and older adults. *Abstracts of the Psychonomic Society* (Vol. 16). Saint Louis.
- Eisenberg, M.L., Li, J. & Zacks, J. M. (2013). Post-traumatic stress disorder symptom severity predicts event processing and prediction performance. *Abstracts of the Psychonomic Society* (Vol. 16). Saint Louis.
- Kurby, C. A., Zacks, J. M., Sargent, Jesse Q. & Bailey, H. R. (2013). Aging and event segmentation: An fMRI investigation of individual differences in event perception and memory. *Abstracts of the Psychonomic Society* (Vol. 16). Saint Louis.
- Gold, D.A. & Zacks, J.M. (2014). Facilitating effective event segmentation and memory in younger and older adults. *Annual Meeting of the Association for Psychological Science*.
- Zacks, J.M. (2014). Events in narrative comprehension and memory. *Annual Meeting of the Association for Psychological Science*.
- Zacks, J.M. (2014). Event perception and memory across the lifespan. *Annual Meeting of the Association for Psychological Science*.
- Eisenberg, M.L., Zacks, J. M., Fowose, M., & Flores, S. (2014). Oculomotor correlates of event structure in everyday activity. *Abstracts of the Psychonomic Society* (Vol. 17). Long Beach.
- Flores, S., Bailey, H.R., Eisenberg, M.L., & Zacks, J. M., (2014). Effective event segmentation improves memory for everyday events over time. *Abstracts of the Psychonomic Society* (Vol. 17). Long Beach.
- Richmond, L. L., Sargent, J.Q., Flores, S., & Zacks, J. M., (2014). Memory for landmark location in younger and older adults. *Abstracts of the Psychonomic Society* (Vol. 17). Long Beach.
- Sargent, J.Q., Kellis, D., Howell, D., Fletcher, D., Richmond L.L., & Zacks, J. M., (2014). The influence of doorways and walls on spatial memory formation. *Abstracts of the Psychonomic Society* (Vol. 17). Long Beach.

- Richmond, L.L., Sargent, J.Q., Flores, S., & Zacks, J.M. (2015). Contributions of nonspatial cognitive ability to route memory in young and older adults. *Abstracts of the Psychonomic Society* (Vol. 18). Chicago.
- Richmond, L.L., Sargent, J.Q., Flores, S., & Zacks, J.M. (2015). Route learning: Effects of naturalistic and explicit structural cues. *Abstracts of the Psychonomic Society* (Vol. 18). Chicago.
- Eisenberg, M.L., Zacks, J.M., & Flores, S. (2016). Prediction around event boundaries during continuous viewing of naturalistic activity. *Proceedings of the Annual Meeting of the Cognitive Science Society*. Philadelphia.
- Wahlheim C.N., Zacks, J.M., & Eisenberg, M.L. (2016). Change detection in event comprehension and memory. *Abstracts of the Psychonomic Society* (Vol. 19). Boston.
- Kurby, C.A., Schramm, Kyle R., & Zacks, J.M. (2016). Objects in previous events look farther away than objects in current ones. *Abstracts of the Psychonomic Society* (Vol. 19). Boston.
- Eisenberg, M.L., & Zacks, J.M. (2016). Predictive looking in everyday event comprehension. *Abstracts of the Psychonomic Society* (Vol. 19). Boston.
- Richmond, L.L., & Zacks, J.M. (2016). tDCS does not modulate response times in a visuomotor vigilance task. *Abstracts of the Psychonomic Society* (Vol. 19). Boston.
- Richmond, L.L., & Zacks, J.M. (2017). An unobtrusive cueing procedure that improves everyday event segmentation. *Abstracts of the Psychonomic Society* (Vol. 20). Vancouver.
- Richmond, L.L., Sargent, J.Q., & Zacks, J.M. (2017). Neural signatures of landmark location memory in aging. *Abstracts of the Psychonomic Society* (Vol. 20). Vancouver.

TEACHING

Experimental Psychology (301)

Cognitive Psychology (360)

Advanced Cognitive Psychology (5087)

The Cognitive Neuroscience of Film (488)

Current Debates in Psychology (4702)

Psychology and Technology (4191)

Events, Time, Plans and Goals (5535)

Topics in Spatial Cognition (5565)

Understanding Text and Discourse (5675)

UNIVERSITY SERVICE

Member, Image Analysis Center Committee, Washington University Psychology Department, 1999-2010.

Coordinator, Pew undergraduate research symposium, Washington University Department of Psychology, Fall 2001, Fall 2002.

Member, Hilltop Campus Human Subjects Committee, Washington University, 2002-2003.

Member, Computer Committee, Washington University Department of Psychology, 2002-present.

Leader, fMRI methods reading group, Washington University, 2002.

Chair, Colloquium Committee, Washington University Psychology Department, 2005-2009.

Member, Human Behavioral Neuroscience Search Committee, Washington University Department of Psychology, 2006-2007.

Member, Undergraduate Council Committee to assess emerging technologies, 2007-2008.

Member, Neuroscience Program Admissions Committee, Washington University, 2006-2008.

Member, McDonnell Center for Systems Neuroscience Operations Committee, Washington University, 2007-present.

Member, Undergraduate Council (oversees all aspects of the undergraduate experience), 2008-present.

Chair, Library Committee, Washington University Psychology Department, 2009-present.

Member, *ad hoc* committee on “Libraries in a time of constraint.” 2010.

Member, Bicycle Pedestrian Access and Circulation Task Force, 2011-present.

Member, Music Theory Search Committee, Washington University Department of Music, 2012-2013.

Member, Philosophy-Neuroscience-Psychology Search Committee, Washington University Department of Philosophy, 2013-2014.

Member, Faculty Activity Reporting Advisory Group, 2014-present.

Faculty Associate, Umrath Hall 3rd Floor, 2014-present.

Chair, Diversity Science Search Committee, 2016-2017.

Chair Diversity Science Symposium Committee, 2016-2017.

Postdoctoral Fellows Supervised

Pascale Michelon (2000-2002; founded a memory consultancy)

Christopher A. Kurby (2007-2009; currently Associate Professor at Grand Valley State University)

Jesse Q. Sargent (2009-2012; currently Assistant Professor at Francis Marion University)

Heather Bailey (2009-2013; currently Assistant Professor at Kansas State University)

David A. Gold (2012-2014; currently Clinical Neuropsychologist at Western Hospital, Toronto)

Christopher N. Wahlheim (2014-2016)

Lauren L. Richmond (2013-present)

David Stawarczyk (2017-present)

Graduate Students Supervised

Nicole K. Speer (2001-2005; currently Director of Operations, Intermountain Neuroimaging Consortium, University of Colorado)

Khena M. Swallow (2001-2007; currently Assistant Professor, Cornell University)

Alfred G. Yu (2006-2013; currently Research Scientist, Army Research Laboratory)

Charles B. Brenner (2010-2014)

Michelle L. Eisenberg (2010-2017)

Honors Theses and Special Majors

Rohini Coorg (2003 honors student, went on to M.D. at University of Texas)

Shawn Kumar (2004 special major, went on to work as a biomedical engineer)

Sarah Berson (2004 honors student, went on to a PhD program in Linguistics at the University of California, Berkeley)

Adam Cullman-Clark (2006 honors student, went to law school at the University of Michigan)

Michelle Eisenberg (2009 Philosophy-Neuroscience-Psychology honors student, went on to graduate school in Psychology at Washington University)

Claudia Landazabal (2014 Philosophy-Neuroscience-Psychology honors student, went on to research position)

Yinyuan Zheng (2016 Philosophy-Neuroscience-Psychology honors student, went on to graduate school in Social Science at the University of Chicago)

Dissertations Supervised

Nicole Speer (PhD, 2005), "Text Comprehension Processes in the Brain"

Khena M. Swallow (PhD, 2006), "On the Impact of Event Boundaries on Memory for Recently Encountered Information"

Alfred B. Yu (PhD, 2013), "Processes and Representations Supporting Visuospatial Perspective Taking."

Michelle L. Eisenberg (PhD, 2017, "Is There a Higher-Order Mechanism that Explains Performance Across Prediction Tasks?")

Masters Theses Supervised

Khena M. Swallow (Psychology MA, 2003)

Alfred B. Yu (Psychology MA, 2009)

Michelle L. Eisenberg (Psychology, MA, 2015)

Thesis Committees

Dan Roe (Psychology PhD, 2000), Pete Mandik (Philosophy PhD, 2000), Liz Gehr (Psychology PhD, 2001), Whit Schonbein (Philosophy PhD, 2002), Susan Moore (Art Masters, 2003), Khená Swallow (Psychology Masters, Advisor, 2003), James Robert Thompson (Philosophy PhD, 2004), Jeremy Reynolds (Psychology PhD, 2005), Lena Sestokas (Psychology Masters, 2007), Aimee Callender (Psychology PhD, 2008), William Knapp (Psychology PhD, 2008), Christopher Fetsch (Neuroscience PhD, 2009), Adam Savine (Psychology Masters, 2009), Andrew Butler (Psychology PhD, 2009), Ji Hae Li (Psychology MA, 2010), Adam Savine (Psychology MA, 2010), , Alecia Vogel (Neuroscience, 2010), Santiago Amaya Gomez (Philosophy-Neuroscience-Psychology PhD, 2011), Michelle Eisenberg (Psychology MA, Chair, 2012), Samantha Allison (Psychology MA, 2012), John Gabriel (Philosophy PhD, 2013), Caitlin Carey (Psychology MA, 2014), Hung-Yu Chen (Psychology MA, 2015), J. Andrew Westbrook (Psychology & Brain Sciences PhD, 2016).

External Thesis Examiner

Adi Zaimi (Rutgers University Psychology PhD, 2005).
Trine Sonne (Aarhus University School of Business and Social Sciences PhD, 2016).
Aaron Gardony (Tufts University Psychology PhD, 2016).
Rebecca Defina (Radboud University Linguistics PhD, 2016).

Undergraduate Students and Research Assistants

Vincent Li (2000), Andrea Golloher (2000-2002), Fredrica Mayer (2000), William Chee (2001), Matthew Sorem (2000-2001), Kevin Lohrasbi (2001), Bart Phillips (2001), Melissa Vogel (2001), Justin Lerner (2002-2003), Julian Ott (2002-2003), Richard Zernickow (2004), Jason Gwinn (2004), Rahal Kahanda (2004), Thanh Phuong Nguyen (2004), Brian Glass (2005-2006), Stephanie Brewer (2006-2007), Derek Holder (2006-2007), Shruti Pandita (2007-2008), Laura D'Andrade (2007-2008), Stephanie Brewer (2006-2008), Jonathan Xia (2007-2008), Albert Deng (2008-2010), Sylvia Lee (2008-2009), Tiina Luning (2008-2009), Rebecca Heymann (2008-2009), Hanisha Manickavasagan (2009-2010), James Edward Bryant (2009-2010), Melody Brenneisen (2010-2011), Owen Footer (2010), Jacob Marks (2010-2011), Alice Turski (2011-2012), Sarah Kloepper (2011-2012), Amy Garcia (2011-2012), Trish Yeh (2011-2012), Claudia Landazabal (2012-2014), Jason Li (2012), Adam Cohen (2012-2013), Mary Jessica Hawkins (2011-2013), Caroline Grossman (2013-2014), Yinyuan Zheng (2013-2015), Angela Lee (2013-2014), Jared Selsberg (2014-2015), Alexander Knops (2014-2015), Rishi Patel (2014-2015), Samuel Shields (2014), Thomas Nichols (2014), Todd Vogel (2014), Paul Edeka (2014), Jodi Bakalar (2015-present), Jessie Colston (2015-2016), Madeleine Fish (2015-present), Shelly Gupta (2016-2016), Angela Lee (2014-2016), Will Papper (2015-2016), Connor Perkins (2015-present), Katie Muson (2016-present), Madeleine Schroedel (2016-present), Pooja Belur (2016-2017), Garrett Cunningham (2016-present), Heather Shams (2017-present).