

CURRICULUM VITAE

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Marvin M. Chun

Personal Data

Department of Psychology
Yale University

Box 208205 [Courier: 2 Hillhouse Ave]
New Haven, CT 06520-8205

E-mail : marvin.chun@yale.edu

<http://www.yale.edu/psychology/FacInfo/Chun.html>

Degrees and Education

- 1985-1989 Yonsei University, Seoul, Korea
 B.A. in Psychology
- 1987-1988 University of California, Berkeley, CA
 Junior year abroad in the Department of Psychology
- 1989-1990 Yonsei University, Seoul, Korea
 M.A. program in the Perception and Cognition Group, Psychology
 Research advisor : Dr. Chan-sup Chung
- 1990-1994 Massachusetts Institute of Technology, Cambridge, MA
 Ph.D. in Cognitive Science, Dept. of Brain and Cognitive Sciences
 Dissertation advisor : Dr. Mary C. Potter

Appointments

- 1994-1996 Harvard University
 NIH Postdoctoral Fellow, Vision Sciences Laboratory
 Department of Psychology
 Research advisor : Dr. Patrick Cavanagh
- 1996-1999 Yale University
 Assistant Professor
 Department of Psychology and Interdepartmental Neuroscience Program
- 1999-2003 Vanderbilt University
 Associate Professor, Department of Psychology, Vanderbilt Vision
 Research Center, and Center for Integrative and Cognitive Neuroscience.
- 2003- Yale University
 Professor, Department of Psychology
 Joint appointments in the Yale School of Medicine Neurobiology
 Department, Yale Graduate School Interdepartmental Neuroscience
 Program, and Yale College Cognitive Science Program
 Kavli Institute for Neuroscience at Yale University Member (starting 2009)

- 2007-2016 Yale University
John B. Madden Master of Berkeley College
- 2014- Yale University
Richard M. Colgate Professor of Psychology
- 2017- Yale University
Dean of Yale College

Awards and Fellowships

- 1989 Korea Foundation for Advanced Studies Fellowship (offered but unused)
- 1992 Angus MacDonald Teaching Award
Department of Brain and Cognitive Sciences, MIT
- 1994-1996 National Research Service Award (Sponsor: Dr. Patrick Cavanagh)
National Institutes of Health, National Eye Institute
- 1998 American Psychological Association Division of Experimental Psychology 1998
New Investigator Award for the *Journal of Experimental Psychology: Human
Perception and Performance*.
- 2000 Chase Memorial [Young Investigator] Award, Department of Psychology,
Carnegie Mellon University
- 2002 American Psychological Association Distinguished Scientific Award for Early
Career Contribution to Psychology in the area of Cognition and Learning.
- 2005 Fellow, American Psychological Association
- 2006 Troland Research Award, National Academy of Sciences
- 2007 William Clyde DeVane Award for Teaching and Scholarship, Phi Beta Kappa,
Yale College
- 2010 Lex Hixon Prize for Teaching Excellence in the Social Sciences, Yale University
- 2014 Elder Award, Yale Asian American Cultural Center
- 2014 Honorary Member of Phi Beta Kappa, Yale College
- 2015 Fellow, Society of Experimental Psychologists

Research Grants

- 1996-1998 Yale University Social Science Faculty Development Award (\$2,500)

- 1999-2002 National Science Foundation Research Grant (BCS-0096178)
Title : Context and learning in visual processing
PI: Chun
Total Amount: \$224, 859
- 2000-2002 National Science Foundation Major Research Instrumentation Grant (0079779)
Acquisition of Instrumentation for Cognitive Neuroscience Brain Imaging
PI: R. Blake, Co-investigator: Chun
Total amount: \$234,772
- 2001-2004 National Science Foundation Research Grant (BCS-0094992)
Title : Attentional limits to visual perception
PI: René Marois, Co-Investigator: Chun
Total Amount : \$455,218
- 2001-2003 Vanderbilt University Intramural Discovery Grant
Title: Neuroimaging investigations of attention and learning mechanisms in the human brain
PI: Chun
Total Amount: \$50,000
- 2003-2007 National Institutes of Health Research Grant (EY014193)
Title: Attention and neural plasticity in human vision
PI: Chun
Total Amount: \$1,050,900
- 2005-2008 National Science Foundation Research Grant (BCS- 0518138)
Title: The neural representation of object part configuration
PI: Yaoda Xu, Co-investigator: Chun
Total Amount: \$494,986
- 2007-2010 National Science Foundation Research Grant (BCS-0719975)
Title: The role of the parietal cortex in visual object grouping and feature binding
PI: Yaoda Xu, Co-investigator: Chun
Total Amount: \$525,000
- 2007-2012 National Institutes of Health Research Grant (EY014193)
Title: Attention and neural plasticity in human vision
PI: Chun
Total Amount: \$2,067,708
- 2016-2019 National Science Foundation Research Grant (BCS 1558497)
Whole Brain Functional Connectivity Measures of Attention
PI: Chun
Total Amount: \$492,000
- 2016-2020 National Institutes of Health Research Grant (MH 108591)
Whole Brain Functional Connectivity Measures of Attention
PI Chun
Total Amount: \$1,675,000

NIH National Research Service Award Mentor for:

Dr. Marc Coutanche, Dr. Brice Kuhl, Julie Golomb, Dr. Andrew Leber, Dr. Geoff Woodman, Dr. Steve Most.

National Science Foundation Graduate Fellowship Mentor for:

Emily Ward, Monica Rosenberg, Thomas O'Connell, Julie Golomb

Research Interests

Cognitive Neuroscience of Cognition, Attention, Memory, and Perception

Methods include functional Magnetic Resonance Imaging (fMRI), Neuropsychological Patient work, and Event-Related Potentials (ERP)

Publications: Books

Most, S., & Chun, M.M. (under contract). Cognitive Psychology. Textbook under contract with Oxford University Press.

Publications: Refereed Journals

Citation Count: 23,000+ (*Google Scholar*); H index = 63 (*Google Scholar*)

Papers with over 100+ Google Scholar citations (*), 500+ citations (**), 1000+ citations (***)

***Chun, M. M., & Potter, M. C. (1995). A two-stage model for multiple target detection in rapid serial visual presentation. *Journal of Experimental Psychology : Human Perception and Performance*, 21, 109-127. PubMed ID: 7707027

*Chun, M. M., & Wolfe, J. M. (1996). Just say no : How are visual search trials terminated when there is no target present?. *Cognitive Psychology*, 30, 39-78. PubMed ID: 8635311

*Kanwisher, N., Chun, M. M., McDermott, J., & Ledden, P. (1996). Functional imaging of human visual recognition. *Cognitive Brain Research*, 5, 55-67. PubMed ID: 9049071

*Chun, M. M. (1997). Types and tokens in visual processing: A double dissociation between the attentional blink and repetition blindness. *Journal of Experimental Psychology: Human Perception and Performance*, 23, 738-755 PubMed ID: 9180042

*Chun, M. M. (1997). Temporal binding errors are redistributed by the attentional blink. *Perception & Psychophysics*, 59, 1191-1199. PubMed ID: 9401454.

Chun, M. M., & Cavanagh, P. (1997). Seeing two as one: Linking apparent motion and repetition blindness. *Psychological Science*, 8, 74-79. doi: 10.1111/j.1467-9280.1997.tb00686.x

*Joseph, J. S., Chun, M. M., & Nakayama, K. (1997, June 19). Attentional requirements in a "preattentive" feature search task. *Nature*, 387, 805-808. PubMed ID: 9194560

***Kanwisher, N., McDermott, J., & Chun, M. M. (1997). The fusiform face area: A module in human extrastriate cortex specialized for face perception. *Journal of Neuroscience*, 17, 4302-4311. PubMed ID: 9151747

***Chun, M. M., & Jiang, Y. (1998). Contextual cueing: Implicit learning and memory for visual context guides spatial attention. *Cognitive Psychology*, 36, 28-71. PubMed ID: 9679076

Joseph, J. S., Chun, M. M., & Nakayama, K. (1998, June 4). Vision and attention: the role of training -- Reply. *Nature*, 393, 425. PubMed ID: 9623997

*Potter, M. C., Chun, M. M., Banks, B., & Muckenhoupt, M. (1998). Two attentional deficits in serial target search: The visual attentional blink and an amodal task-switch deficit. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 24, 979-992. PubMed ID: 9699304

*Chun, M. M., & Jiang, Y. (1999). Top-down attentional guidance based on implicit learning of visual covariation. *Psychological Science*, 10, 360-365. doi: 10.1111/1467-9280.00168

*Chun, M. M., & Phelps, E. A. (1999). Memory deficits for implicit contextual information in amnesic patients with hippocampal damage. *Nature Neuroscience*, 2, 844-847. PubMed ID: 10461225. [News and Views by Eichenbaum (1999); Featured in *Science*]

**Chun, M. M. (2000). Contextual cueing of visual attention. *Trends in Cognitive Sciences*, 4, 170-178. PubMed ID: 10782102

*Chun, M. M., & Nakayama, K. (2000). On the functional role of implicit visual memory for the adaptive deployment of attention across views. *Visual Cognition*, 7, 65-81. doi:10.1080/135062800394685

**Jiang, Y., Olson, I. R., Chun, M. M. (2000). Organization of visual short-term memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 26, 683-702. PubMed ID: 10855426

*Marois, R., Chun, M. M., & Gore, J. (2000). Neural correlates of the attentional blink. *Neuron*, 28, 299-308. PubMed ID: 11087002

Jiang, Y., & Chun, M. M. (2001). The influence of temporal selection on spatial selection and distractor interference: An attentional blink study. *Journal of Experimental Psychology: Human Perception & Performance*, 27, 664-679. PubMed ID: 11424653

Jiang, Y., & Chun, M. M. (2001). Asymmetric object substitution masking. *Journal of Experimental Psychology: Human Perception & Performance*, 27, 895-918. [Jiang received an APA Division 3 New Investigator Award for this publication] PubMed ID: 11518152

*Jiang, Y., & Chun, M. M. (2001). Selective attention modulates implicit learning. *Quarterly Journal of Experimental Psychology*, 54A, 1105-1124. PubMed ID: 11765735

Jiang, Y., & Chun, M. M. (2001). The spatial gradient of visual masking by object substitution. *Vision Research*, 41, 3121-3131. PubMed ID: 11711138

*Lee, D., & Chun, M. M. (2001). What are the units of visual short-term memory: Objects or spatial locations? *Perception & Psychophysics*, 63, 253-257. PubMed ID: 11281100

- *Olson, I. R., Chun, M. M., & Allison, T. (2001). Contextual guidance of attention: Human intracranial event-related potential evidence for feedback modulation in anatomically early, temporally late stages of visual processing. *Brain*, *124*, 1417-1425. PubMed ID: 11408336
- Olson, I. R., Chun, M. M., & Anderson, A. K. (2001). Effects of phonological length on the attentional blink. *Journal of Experimental Psychology: Human Perception & Performance*, *27*, 1116-1123. PubMed ID: 11642698
- *Olson, I. R., & Chun, M. M. (2001). Temporal contextual cueing of visual attention. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *27*, 1299-1313. PubMed ID: 11550756
- Aslin, C., Blake, R., & Chun, M. M. (2002). Perceptual learning of temporal structure. *Vision Research*, *42*, 3019-3030. PubMed ID: 12480072
- Jiang, Y., Chun, M. M., & Marks, L. E. (2002). Visual marking: Dissociating effects of new and old set size. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *28*, 293-302. PubMed ID: 11911385
- *Jiang, Y., Chun, M. M., & Marks, L. E. (2002). Visual marking: Selective attention to asynchronous temporal groups. *Journal of Experimental Psychology: Human Perception & Performance*, *28*, 717-730. PubMed ID: 12075898
- Olson, I. R., & Chun, M. M. (2002). Perceptual constraints on implicit learning of spatial context. *Visual Cognition*, *9*, 273-302. DOI: 10.1080/13506280042000162
- Kelley, T. A., Chun, M. M., & Chua, K. -P. (2003). Effects of scene inversion on change detection of targets matched for visual salience. *Journal of Vision*, *3*(1). 1-5. PubMed ID: 12678620
- Chua, K. -P., & Chun, M. M. (2003). Implicit spatial learning is viewpoint-dependent. *Perception & Psychophysics*, *65*, 72-80. PubMed ID: 12699310
- *Chun, M. M., & Jiang, Y. (2003). Implicit, long-term spatial context memory. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *29*, 224-234. PubMed ID: 12696811
- Yi, D.-J., Kim, M.-S., & Chun, M. M. (2003). Inhibition of return to occluded objects. *Perception & Psychophysics*, *65*, 1222-1230. PubMed ID: 14710957
- *Marois, R., Yi, D.-J., & Chun, M. M. (2004). The neural fate of consciously perceived and missed events in the attentional blink. *Neuron*, *41*, 465-472. PubMed ID: 14766184
- Jiang, Y., Chun, M. M., Olson, I. R. (2004). Perceptual grouping in change detection. *Perception & Psychophysics*, *66*, 446-453. PubMed ID: 15283069
- *Yi, D.-J., Woodman, G.F., Widders, D.M., Marois, R., & Chun, M. M. (2004). The neural fate of ignored visual events: Dissociable effects of perceptual load and working memory load. *Nature Neuroscience*, *7*, 992-996. PubMed ID: 15286791

- Marois, R., Chun, M.M., & Gore, J. (2004). A common parieto-frontal network is recruited under both perceptual visibility and perceptual interference conditions. *Journal of Neurophysiology*, *92*, 2985-2992. PubMed ID: 15486425
- *Yi, D.-J., & Chun, M. M. (2005). Attentional modulation of repetition suppression effects in parahippocampal cortex. *Journal of Neuroscience*, *25*, 3593-3600. PubMed ID: 15814790
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- Kim., S.-Y., Kim, M.-S. & Chun, M. M. (2005). Concurrent working memory load can reduce distraction. *Proceedings of the National Academy of Sciences, USA*, *102*, 16524-9. PMCID: PMC1283430.
- *Most, S. B., Chun, M. M., Widders, D., & Zald, D. (2005). Attentional rubbernecking: Cognitive control and personality in emotion-induced blindness. *Psychonomic Bulletin & Review*, *12*, 654-661. PubMed ID: 16447378. [Featured in the New York Times Year in Ideas].
- *Nieuwenstein, M. R., Chun, M. M., van der Lubbe, R. H. J., & Hooge, I. T. C. (2005). Delayed attentional engagement in the attentional blink. *Journal of Experimental Psychology: Human Perception & Performance*, *31*, 1463-1475. PubMed ID: 16366802
- Sladen, D.P., Tharpe, A.M., Ashmead, D.H., Grantham, D.W., & Chun, M.M. (2005). Visual attention in deaf and normal hearing adults: Effects of stimulus compatibility. *Journal of Speech, Language and Hearing Research*, *48*, 1529-1537. PubMed ID: 16478388
- **Xu, Y., & Chun, M. M. (2006). Dissociable neural mechanisms supporting visual short-term memory for objects. *Nature*, *440*, 91-95. PubMed ID: 16382240
- Yi., D.-J., Olson, I.R., & Chun, M. M. (2006). Shape-specific perceptual learning in a figure-ground segregation task. *Vision Research*, *46*, 914-924. PubMed ID: 16242752
- *Most, S. B., Chun, M. M., Johnson, M. R., & Kiehl, K. A. (2006). Attentional modulation of the amygdala varies with personality. *Neuroimage*, *31*, 934-944. PubMed ID: 16492400
- Yi., D.-J., Kelley, T.A., Marois, R., & Chun, M. M. (2006). Attentional modulation of repetition attenuation is anatomically dissociable for scenes and faces. *Brain Research*, *1080*, 53-62. PubMed ID: 16507300
- *Turk-Browne, N.B., Yi., D.-J., & Chun, M. M. (2006). Interactions between explicit and implicit memory: Linking neural attenuation, priming, and subsequent memory. *Neuron*, *49*, 917-927. PubMed ID: 16543138. [Preview by Dudukovic and Wagner; Featured as a cover illustration].
- Woodman, G.F., & Chun, M. M. (2006). The role of working memory and long-term memory in visual search. *Visual Cognition*, *14*, 808-830. DOI: 10.1080/13506280500197397

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- Park, S.-J., Intraub, H., Widders, D., Yi, D.-J., & Chun, M.M. (2007). Beyond the edges of a view: boundary extension in human scene-selective visual cortex. *Neuron*, *54*, 335-342. PubMed ID: 17442252
- Junge, J., Scholl, B.J., & Chun, M.M. (2007). How is spatial context learning integrated over signal versus noise? A primacy effect in contextual cueing. *Visual Cognition*, *15*, 1-11. PMCID: PMC2519016
- Xu, Y., Turk-Browne, N.B., & Chun, M.M. (2007). Dissociating task performance from fMRI repetition attenuation in ventral visual cortex. *Journal of Neuroscience*, *27*, 5981-5985. PubMed ID: 17537969
- Park, S.-J., Kim, M.-S., & Chun, M.M. (2007). Concurrent working memory load can facilitate selective attention: Evidence for specialized load. *Journal of Experimental Psychology: Human Perception & Performance*, *33*, 1062-1075. PubMed ID: 17924807
- *Brady, T.F., & Chun, M.M. (2007). Spatial constraints on learning in visual search: Modeling contextual cuing. *Journal of Experimental Psychology: Human Perception & Performance*, *33*, 798-815. PubMed ID: 17683229
- *Xu, Y., & Chun, M.M. (2007). Visual grouping in human parietal cortex. *Proceedings of the National Academy of Sciences of the United States of America*, *104*, 18766-18771. PMCID: PMC2141851.
- Yi, D.-J., Turk-Browne, N.B., Chun, M.M., & Johnson, M.K. (2008). When a thought equals a look: Refreshing enhances perceptual memory. *Journal of Cognitive Neuroscience*, *20*, 1371-1380. PubMed ID: 18303973
- Yi, D.J., Turk-Browne, N.B., Flombaum, J.I., Scholl, B.J., & Chun, M.M. (2008). Spatiotemporal object continuity in human ventral visual cortex. *Proceedings of the National Academy of Sciences of the United States of America*, *105*, 8840-5. PMCID: PMC2442124.
- *Leber, A.B., Turk-Browne, N.B., & Chun, M.M. (2008). Neural predictors of moment-to-moment fluctuations in cognitive flexibility. *Proceedings of the National Academy of Sciences of the United States of America*, *105*, 13592-7. PMCID: PMC2527350.
- *Golomb, J.D., Chun, M.M., & Mazer, J.A. (2008). The native coordinate system of spatial attention is retinotopic. *Journal of Neuroscience*, *28*, 10654-62. PMCID: PMC2601623.
- *Luhmann, C.C., Chun, M.M., Yi, D.-J., Lee, D., & Wang, X.-J. (2008). Neural dissociation of delay and uncertainty in inter-temporal choice. *Journal of Neuroscience*, *28*, 14459-14466. PMCID: PMC2742332.
- *Turk-Browne, N.B., Scholl, B.J., & Chun, M.M. (2008). Babies and Brains: Habituation in infant cognition and functional neuroimaging. *Frontiers in Neuroscience*, *2*:16. PubMed PMCID: PMC2605404.

*Turk-Browne, N.B., Scholl, B.J., Chun, M.M., & Johnson, M.K. (2009). Neural evidence of statistical learning: Efficient detection of visual regularities without awareness. *Journal of Cognitive Neuroscience*, 21, 1934-45. PubMed PMID: 18823241.

Junge, J., Brady, T.F., & Chun, M.M. (2009). The contents of perceptual hypotheses: Evidence from rapid resumption of interrupted search. *Attention, Perception, & Psychophysics*, 71, 681-689. PubMed PMID: 19429951.

*Xu, Y., & Chun, M.M. (2009). Selecting and perceiving multiple objects. *Trends in Cognitive Sciences*, 13, 167-74. PMC3213861.

*Park, S.-J., & Chun, M.M. (2009). Different roles of the parahippocampal place area (PPA) and retrosplenial cortex (RSC) in panoramic scene perception. *NeuroImage*, 47, 1747-56. PMC2924907.

Kim, J.J., Kim, M.-S., & Chun, M.M. (2010). Predictive spatial working memory content guides visual search. *Visual Cognition*, 71, 681-689. DOI: 10.1080/13506280902928860

Golomb, J.D., McDavitt, J.R.B., Ruf, B.M., Chen, J.I., Saricicek, A., Maloney, K.H., Hu, J., Chun, M.M., & Bhagwagar, Z. (2009). Enhanced visual motion perception in major depressive disorder. *Journal of Neuroscience*, 29, 9072-9. PMCID: PMC2772577.

Golomb, J.D., Pulido, V.Z., Albrecht, A.R., Chun, M.M., & Mazer, J.A. (2010). Robustness of the retinotopic attentional trace after eye movements, *Journal of Vision*, 10(3):19, 1-12. PMC3213860.

Park, S.-J., Chun, M.M., & Johnson, M.K. (2010). Refreshing and integrating visual scenes in scene-selective cortex. *Journal of Cognitive Neuroscience*, 12, 2813-2822. PubMed PMID: 19929756. NIHMSID: 215734.

Golomb, J.D., Nguyen-Phuc, A.Y., Mazer, J.A., McCarthy, G., & Chun, M.M. (2010). Attentional facilitation throughout human visual cortex lingers in retinotopic coordinates after eye movements. *Journal of Neuroscience*, 30, 10493-10506. PMC2925081

*Turk-Browne, N.B., Scholl, B.J., Johnson, M.K., & Chun, M.M. (2010). Implicit perceptual anticipation triggered by statistical learning. *Journal of Neuroscience*, 30, 11177-11187. PMC2947492

Vickery, T.J., & Chun, M.M. (2010). Object-based warping: An illusory distortion of space within objects. *Psychological Science*, 21, 1759-1764. PubMed ID: 21068342

*Kuhl, B.A., Rissman, J., Chun, M.M., & Wagner, A.D. (2011). Fidelity of neural reactivation reveals competition between memories. *PNAS*, 108, 5903-8. PMC3078372.

Golomb, J.D., Marino, A.C., Chun, M.M., & Mazer, J.A. (2011). Attention doesn't slide: Spatiotopic updating after eye movements instantiates a new, discrete attentional locus. *Attention, Perception, & Psychophysics*, 73, 7-14. PMC3097429.

Golomb, J.D., Albrecht, A., Park, S., Chun, M.M. (2011). Eye movements help link different views in scene-selective cortex. *Cerebral Cortex*, 21, 2094-102. PMID: 21282320.

Shen, Y., & Chun, M.M. (2011). Increases in reward promote flexible behavior. *Attention, Perception & Psychophysics*, 73, 938-52. PMID: 21264699.

Norman-Haignere, S.V., McCarthy, G., Chun, M.M., & Turk-Browne, N.B. (2011). Category-selective background connectivity in ventral visual cortex, *Cerebral Cortex*, 22, 391-402, PMID 21670097.

*Vickery, T.J., Chun, M.M., Lee, D.Y. (2011). Ubiquity and specificity of reinforcement signals throughout the human brain, *Neuron*, 72, 166-77. PMID: 21982377. [Featured as cover illustration].

Korn, H., Johnson, M., & Chun, M.M. (2011). Neurolaw: Differential brain activity for black and white faces predicts damage awards in hypothetical employment discrimination cases. *Social Neuroscience*, 7, 398-409, PMID: 22059860.

Chun, M.M., & Johnson, M.K. (2011). Memory: Enduring traces of perceptual and reflective attention. *Neuron*, 72, 520-35. PMID: 22099456

Kuhl, B.A., Bainbridge, W.A., & Chun, M.M. (2012). Neural reactivation reveals mechanisms for updating memory, *Journal of Neuroscience*, 32, 3453-61.

Albrecht, A.R., Scholl, B.J., & Chun, M.M. (2012). Perceptual averaging by eye and ear: Computing summary statistics from multimodal stimuli, *Attention, Perception, & Psychophysics*, 74, 810-815.

*Cohen, M.A., Cavanagh, P., Chun, M.M., & Nakayama, K. (2012). The attentional requirements of consciousness, *Trends in Cognitive Sciences*, 16, 411-417.

Turk-Browne, N.B., Golomb, J.D., Chun, M.M. (2013). Complementary attentional components of successful memory encoding. *Neuroimage*, 66, 553-562.

Moore, K., Yi, D.J., Chun, M.M. (2013). The effect of attention on repetition suppression and multivoxel pattern similarity. *Journal of Cognitive Neuroscience*, 25, 1305-1314.

Ward, E.J., Chun, M.M., Kuhl, B.A. (2013). Repetition suppression and multi-voxel pattern similarity differentially track implicit and explicit visual memory. *Journal of Neuroscience*, 33, 14749-57.

Kuhl, B.A., Johnson, M.K., & Chun, M.M. (2013). Dissociable neural mechanisms for goal-directed versus incidental memory reactivation. *Journal of Neuroscience*, 33, 16099-16109.

Cartmell, S.C.D., Chun, M.M., & Vickery, T.J. (2014). Neural antecedents of social decision making in a partner choice task. *Social, Cognitive, and Affective Neuroscience*, 9(11), 1722-9.

Cowen, A.S., Chun, M.M., & Kuhl, B.A. (2014). Neural portraits of perception: Reconstructing face images from evoked brain activity. *Neuroimage*, 94, 12-22.
[Major media coverage includes WSJ, NPR, BBC, CNN, Wired, USA Today]

Kuhl, B. A., & Chun, M. M. (2014). Successful remembering elicits event-specific activity patterns in lateral parietal cortex. *Journal of Neuroscience*, 34, 8051-60.

Rosenberg, M.D., Finn, E.S., Constable, R.T., & Chun, M.M. (2015). Predicting moment-to-moment attentional state. *Neuroimage*, *114*, 249-256.

Vickery, T. J., Kleinman, M. R., Chun, M. M., & Lee, D. (2015). Opponent identity influences value learning in simple games. *Journal of Neuroscience*, *35*(31), 11133-11143.

*Finn, E.S., Shen, X., Scheinost, D., Rosenberg, M.D., Chun, M.M., Papademetris, X., & Constable, R.T. (2015). Functional connectome fingerprinting: Identification of individuals using patterns of brain connectivity. *Nature Neuroscience*, *18*, 1664-1671.
[Major media coverage includes NBC, MSNBC, BBC, Newsweek, Scientific American, PBS, Wired, Discovery, The Scientist]

Rosenberg, M.D., Finn, E.S., Scheinost, D., & Papademetris, X., Shen, X., Constable, R.T., & Chun, M.M. (2016). A neuromarker of sustained attention from whole-brain functional connectivity. *Nature Neuroscience*, *19*, 165-171.
[*Nature Neuroscience* review commentary by Steve Smith; Major media coverage includes NPR, Science AAAS, Scientific American]

Ward E.J., & Chun, M.M. (2016). Neural discriminability of object features predicts perceptual organization. *Psychological Science*, *27*, 3-11.

Goldfarb, E., Chun, M.M., & Phelps, E.A. (2016). Memory guided attention: Independent contributions of the hippocampus and striatum. *Neuron*, *89*, 317-324.

Lee, H., Chun, M.M., & Kuhl, B.A. (2016). Lower parietal encoding activation is associated with sharper information and better memory. *Cerebral Cortex*.

Ongchoco, J.D.K., Uddenberg, S., & Chun, M.M. (2016). Statistical learning of movement. *Psychonomic Bulletin & Review*, *23*, 1913-1919.

Rosenberg, M. D., Zhang, S., Hsu, W., Scheinost, D., Finn, E. S., Shen, X., Constable, R. T., Li, C-S. R., & Chun, M. M. (2016). Methylphenidate modulates functional network connectivity to enhance attention. *Journal of Neuroscience*, *36*, 9547-9557.

Shen, X., Finn, E.S., Scheinost, D., Rosenberg, M.D., Chun, M.M., Papademetris, X., & Constable, R.T. (2017). Connectome-based predictive modeling: A framework to develop and test predictive models relating individual behavior to brain connectivity. *Nature Protocols*, *12*, 506-518.

Rosenberg, M. D., Finn, E. S., Scheinost, D., Constable, R. T., & Chun, M. M. (2017). Characterizing attention with predictive network models. *Trends in Cognitive Sciences*, *21*, 290-302.

Publications: Invited

Wolfe, J. M., Chun, M. M., & Friedman-Hill, S. R. (1995). Making use of texton gradients. In T. Pappas, C. Chubb, A. Gorea, & E. Kowler (Eds.), *Early vision and beyond* (pp. 189-198). Cambridge, MA: MIT Press.

Chun, M. M., & Potter, M. C. (2001). The attentional blink and task-switching. In K. Shapiro (Ed) *Temporal constraints on human information processing* (pp. 20-35). Oxford: Oxford University Press.

*Chun, M. M., & Wolfe, J. M. (2001). Visual Attention. In B. Goldstein (Ed.), *Blackwell Handbook of Perception* (pp. 272-310). Oxford, UK: Blackwell Publishers Ltd.

*Chun, M. M., & Marois, R. (2002). The dark side of visual attention. *Current Opinion in Neurobiology*, 12, 184-189. PubMed ID: 12015235

Jiang, Y., & Chun, M. M. (2003). Contextual cueing: reciprocal influences between attention and implicit learning. In L. Jimenez (Eds.), *Attention and Implicit Learning* (pp 277-296). John Benjamins Publishing Company.

Chun, M. M. (2003). Scene perception and memory. In D. Irwin and B. Ross (Eds.) *Psychology of Learning and Motivation: Advances in Research and Theory: Cognitive Vision*, Vol. 42 (pp. 79-108). Academic Press, San Diego, CA. DOI: 10.1016/S0079-7421(03)01003-X

Chun, M. M. (2005). Drug-induced amnesia impairs implicit relational memory [commentary]. *Trends in Cognitive Sciences*, 9, 355-357. PubMed ID: 16006177

*Chun, M. M., & Turk-Browne, N. B. (2007). Interactions between attention and memory. *Current Opinion in Neurobiology*, 17, 177-184. PubMed ID: 17379501

Chun, M. M., & Turk-Browne, N.B. (2007). Visual Associative Learning. Luck, S.J. & Hollingworth, A. (Eds.) *Visual Memory*, Oxford University Press.

*Chun, M.M., Golomb, J.D., Turk-Browne, N.B. (2011). A Taxonomy of External and Internal Attention. *Annual Review of Psychology*, 62, 73-101. PubMed ID: 19575619

*Chun, M.M. (2011). Visual working memory as visual attention sustained internally over time. *Neuropsychologia*, 49, 1407-9. PMID: 21295047.

Chun, M.M. (2012). Perceptual learning and memory in visual search. In J.M. Wolfe & L. Robertson (Eds.), *From perception to consciousness: Searching with Anne Triesman*. New York: Oxford University Press.

Books

Most, S.B., & Chun, M.M. (under contract). *Cognitive Psychology*. Oxford University Press.

Doctoral Dissertation

Chun, M. M. (1994). *Processing Deficits in RSVP : The Attentional Blink and Repetition Blindness*. Unpublished doctoral dissertation, Massachusetts Institute of Technology, Cambridge, MA.

Submitted Manuscripts

Guerin, S.A., Uddenberg, S.D., Johnson, M.K., & Chun, M.M. (under revision).
Decoding temporal structure reveals temporal reinstatement during remembering.

Guerin, S.A., Uddenberg, S.D., Chun, M.M., & Johnson, M.K. (under revision).
Decoding the temporal structure of perception and reflection.

Ward, E. J., & Chun, M. M. (under revision). Limitations of perceptual expectation on fMRI repetition suppression.

Coutanche, M.N., & Chun, M.M. (under revision). Attention strengthens reconsolidation after hippocampus-dependent learning procedures but not after fast mapping.

Hsu, W.T., Rosenberg, M.D., Scheinost, D., Constable, R.T., & Chun, M.M. (under revision). Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals.

Salehi, M., Scheinost, D., Rosenberg, M.D., Finn, E.S., Chun, M.M., & Constable, R.T. (under review). Brain state, flexibility, and connectome-based predictive modeling: Relating functional organization to behavioral performance.

Rosenberg, M.D., Hsu, W.-T., Scheinost, D., Constable, R.T., & Chun, M.M. (under revision). Connectome-based models predict separable components of attention in novel individuals.

Ward, E., Isik, L. & Chun, M.M. (under revision). General transformations of object representations in human visual cortex.

O'Connell, T., & Chun, M.M. (submitted). Predicting eye movements from deep neural network activity decoded from fMRI responses to natural scenes.
<http://www.biorxiv.org/content/early/2017/07/21/166421>.

Lin, Q., Rosenberg, M.D., Yoo, K., Hsu, W.-T., O'Connell, T.P., & Chun, M.M. (submitted). Resting-state functional connectivity predicts cognitive impairment related to Alzheimer's Disease.

Invited Colloquia

- Oct., 1993 Vision Sciences Laboratory, Department of Psychology, Harvard University.
- Mar., 1994 Cognitive Neuropsychology Lab, Department of Psychology, Dartmouth College.
- Mar., 1995 Research Development Corporation of Japan (JRDC) Forum for Multi-disciplinary Researches: Dialogue between Cognitive Science and Neuroscience, Sapporo, Japan.
- Jan., 1996 Department of Psychology, University of Louisville
- Feb., 1996 Department of Psychology, University of Iowa
- Feb., 1996 Department of Psychology, Yale University
- Dec., 1996 Vision Group, Department of Cognitive and Linguistic Sciences, Brown University
- Feb., 1997 Cognitive Group, Department of Psychology, Princeton University
- Apr., 1997 Department of Computer Science, Yale University
- Nov., 1997 Vision Sciences Laboratory, Department of Psychology, Harvard University.
- May, 1998 Cognitive Group, Department of Psychology, Columbia University

- Oct., 1998 Department of Psychology, University of Alberta
- Oct., 1998 Perception Group, Department of Psychology, University of British Columbia
- Oct., 1998 Memory Disorders Research Society Meeting, Cambridge, MA. (With E. A. Phelps).
- Dec., 1998 Perception and Cognition Group, Department of Psychology, New York University
- Feb., 1999 Department of Psychology, Stanford University
- Feb., 1999 Functional Neuroimaging Group, Department of Radiology, Yale Medical School
- Feb., 1999 Department of Psychology, Vanderbilt University
- Feb., 1999 Department of Psychology, University of Chicago
- Mar., 1999 Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology
- May, 2000 Air Force Office of Scientific Research Human Attentional Processes Forum
- Sep., 2000 Department of Psychology, Johns Hopkins University
- Oct., 2000 William Chase Memorial Lecture, Dept. of Psychology, Carnegie Mellon University
- Feb., 2001 Department of Brain and Cognitive Sciences, University of Rochester
- May, 2001 Royal Netherlands Academy of Arts and Sciences, "The Control Of Cognitive Processes" Colloquium, Amsterdam, Netherlands
- Oct., 2001 Department of Psychology, University of Illinois, Urbana-Champaign
- Oct, 2001 fMRI Center, University of Michigan
- Oct., 2001 Laboratory of Neuropsychology and Laboratory of Brain and Cognition, National Institute of Mental Health, National Institutes of Health
- Nov., 2001 Keynote Speaker, Object Perception and Memory (OPAM) Annual Meeting, Orlando, Florida.
- Dec., 2001 Department of Psychology, Carnegie Mellon University
- Oct., 2002 Helmholtz Lecture, Helmholtz Institute and Utrecht University, Utrecht, The Netherlands
- Nov., 2002 Department of Psychology, Yale University
- Feb., 2003 Department of Psychology, Brandeis University
- June, 2003 Munich Visual Search Symposium, Munich, Germany
- Sept., 2003 Magnetic Resonance Research Center, Yale School of Medicine
- Dec., 2003 Cognition, Brain, and Behavior Talk, Harvard University
- Mar., 2004 Experimental Neuropsychology and Cognition Research Group, University of Montreal, Canada
- Mar., 2004 Institute of Living, Hartford, CT
- June, 2004 Massachusetts General Hospital Neuroimaging Center, Cambridge, MA

June, 2004 Center for Visual Science Symposium, University of Rochester
 Sept., 2004 Center for Neuromorphic Systems Engineering, California Institute of Technology
 Sept., 2004 Cognitive Area, Dept. of Psychology, UCLA
 Oct., 2004 Dept. of Brain and Psychological Sciences, Johns Hopkins University
 Oct., 2004 Center for Neuroscience, University of California, Davis
 Feb., 2005 Dept. of Neurobiology, Yale School of Medicine
 Apr., 2005 Dept. of Psychology, Princeton University
 May, 2005 CNRS, Université René Descartes, Paris, France
 Oct., 2005 Dept. of Psychology, University of Toronto
 Feb., 2006 Dept. of Psychological and Brain Sciences, Duke University
 Mar., 2006 Neuroscience Graduate Program, Brown University
 Apr., 2006 Cognitive Area, Dept. of Psychology, New York University
 May, 2006 Fred Attneave Lecture, Dept. of Psychology, University of Oregon
 May, 2006 Center for Visual Science Symposium, University of Rochester
 Oct., 2006 Helen Wills Neuroscience Institute, UC Berkeley
 Feb., 2007 Institute for Research in Cognitive Science, University of Pennsylvania
 Mar., 2007 Dept. of Psychology, Yonsei University, South Korea
 Mar., 2007 Dept. of Psychology, University of Manitoba
 Apr., 2007 Perceptual Expertise Network, New Haven, CT
 Jun., 2007 Keynote Speaker, Association for Scientific Study of Consciousness, Las Vegas, NV
 Jun, 2007 Reunion Lecture, Association for Yale Alumni, Yale University
 Aug., 2007 Dutch Royal Academy of Sciences Colloquium
 Oct., 2007 Rovereto Attention Workshop, Rovereto, Italy
 Dec., 2007 Dept. of Psychology, Boston University
 Feb., 2008 Dept. of Psychology, Dartmouth University
 Apr., 2008 Dept. of Psychology, University of Delaware
 Apr., 2008 Dept of Psychology, University of Chicago
 Jun, 2008 Reunion Lecture, Association for Yale Alumni, Yale University
 July, 2008 Munich Search Symposium, Lisbourg, Switzerland
 July, 2008 International Congress of Psychology, Berlin, Germany
 Nov, 2008 Dept. of Psychology, University of Arizona
 Mar, 2009 Humanities in Medicine Program, Yale University
 Mar, 2009 Connect with Yale in Philadelphia
 Apr, 2009 Science Saturdays, Yale University

Jun, 2009 Reunion Lecture, Association for Yale Alumni, Yale University
Nov, 2009 New Jersey Judicial College, New Jersey
Jan, 2010 Dept of Psychology, Northwestern University
Jan, 2010 Yale Club, Palo Alto, California
March, 2010 One Day University, New York City
Apr., 2010 Bridgeport Superior Court, Connecticut
Apr., 2010 Psychology Day Keynote Speaker, Vanderbilt University
June, 2010 Reunion Lecture, Association for Yale Alumni, Yale University
June, 2010 International Festival for Arts and Ideas, New Haven
Feb., 2011 Brain and Cognitive Sciences Colloquium, MIT
Feb., 2011 Professor Chan-Shup Chung Perception Conference, Yonsei University
Sep., 2011 Norma Lytton Lecture, Yale Center for British Art
Nov., 2011 Yale School of Management
Dec., 2011 Cognitive Colloquium, New York University
Dec., 2011 Elliot Stellar Lecture in Behavioral and Cognitive Neuroscience, University of Pennsylvania
Jan., 2012 Psychology Colloquium, Boston College
Feb., 2012 Psychology Colloquium, Columbia University
Feb., 2012 Yale University School of Architecture
Mar., 2012 One Day University, New York City
Mar., 2012 Yale-New Haven Teachers Institute
Apr., 2012 Department of Psychology, University of Oxford
Apr., 2012 MRC Cognition and Brain Sciences Unit, University of Cambridge
Apr., 2012 Keynote Speaker, British Academy Experimental Psychology Society
Oct., 2012 Cognition, Brain, and Behavior Seminar, Harvard University
Nov., 2012 Mind, Brain, and Behavior Distinguished Lecture Series, Duke University
Jan., 2013 Experimental Psychology Society Symposium, London
Feb., 2013 Dept. of Psychology, University of Louisville
Feb., 2013 Ivy Council Policy Conference, New Haven, CT
Apr., 2013 Sellie Berstingle Lecture, Rhode Island School of Design Museum
Apr., 2013 One Day University, New York City, NY
Apr., 2013 Site Projects, New Haven
May, 2013 One Day University with the Dallas Morning News, Dallas, TX
Nov., 2013 One Day University, Minneapolis, MN
Nov., 2013 Attention and Memory Workshop, La Jolla, CA
Dec., 2013 One Day University with the Atlantic Magazine, Washington, DC

- Jan., 2014 Hotchkiss School Assembly, Lakeville, CT
- Jan., 2014 Model United Nations, New Haven, CT
- Jan., 2014 Psychology of Performance Panel, Yale College Council, New Haven, CT
- Feb., 2014 International Scholars and American Lab, Office of International Students and Scholars, Yale University, New Haven, CT
- Feb., 2014 Medical Education Discussion Group, Yale School of Medicine
- Mar., 2014 Los Angeles County Museum of Art, Los Angeles, CA
- Mar., 2014 Southern Connecticut State University
- Mar., 2014 TEDxYale, New Haven, CT
- Apr., 2014 Association for Yale Alumni Inaugural Asian-American Alumni Conference
- Apr., 2014 Department of Psychology, Columbia University
- May, 2014 Cold Spring Harbor Laboratory, Cognition Symposium
- Jul., 2014 New Frontiers in Scientific Innovation, Korea Foundation for Advanced Studies, Seoul, South Korea
- Aug., 2014 Dept of Psychology, Yonsei University, Seoul, South Korea
- Jan., 2015 MIT Alumni Club, Washington, D.C.
- Jan., 2015 Model United Nations, New Haven, CT
- Mar., 2015 Yale-NUS College, Singapore, Singapore
- Mar., 2015 Child Study Center, Yale University
- Apr., 2015 Gateway Community College, New Haven, CT
- Apr., 2015 Bulldog Days Master Class, Yale College
- Jul., 2015 Potomac Institute for Policy Studies, Center for Neurotechnology Studies, Rayburn House Office Building on Capitol Hill, Washington D.C.
- Aug., 2015 TEDxKFAS, Korea Foundation for Advanced Studies, Seoul, South Korea
- Aug., 2015 NCsoft, Seoul, South Korea
- Aug., 2015 Asan Hospital Neurology Department, Seoul, South Korea
- Sep., 2015 Dept of Brain and Cognitive Sciences, University of Rochester
- Oct., 2015 Freshman Class Speaker, Yonsei University, Incheon Campus, South Korea
- Oct., 2015 Institute for Convergence Science, Yonsei University, Seoul, South Korea
- Feb., 2016 Psychological and Brain Sciences, Dartmouth College
- Apr., 2016 Neuroscience for Human Performance Workshop, 711th Human Performance Wing, Dayton, OH
- Apr., 2016 Society for Experimental Psychologists Conference
- Apr., 2016 Bulldog Days Master Class, Yale College
- May, 2016 Mind, Brain, and Behavior Institute, Columbia University
- Aug, 2016 Keynote Address, Opening Days, Yale College
- Oct., 2016 Future of StoryTelling Summit, New York, NY

- Oct., 2016 Chicago Ideas Week
Jan, 2017 Mechanisms and Determinants of Human Learning Workshop, Geneva, Switzerland
Jan., 2017 Alpine Brain Imaging Meeting, Champéry, Switzerland
Mar., 2017 Dept. of Psychology, Stanford University (deferred)
Apr., 2017 Dept. of Psychology, George Washington University
June, 2017 2017 D.C. Circuit Judicial Conference

Professional Activities

Associate Editor

Psychological Science (2007-2009)
Cognitive Science (2003-2005)

Editorial Board

Annual Review of Vision Science (2013~present)
Annual Review of Psychology (2009~2013)
Attention, Perception & Psychophysics (1999~present)
Journal of Experimental Psychology: Human Perception and Performance (1999~2009)
Psychological Science (2001~2007)
Visual Cognition (2005~present)
Vision Sciences Society Review Board (2002~ 2004, 2009 – present)

Advisory Positions

MIT Dept of Brain and Cognitive Sciences Visiting Committee (2013 ~ present)
Vision Sciences Society Review Board (2004 ~ present)
Federation of Associations in Behavioral & Brain Sciences (FABBS) Board (2014~present)
Brain Functional Organization, Connectivity, and Behavior (2012 ~ present)
International Association for the Study of Attention and Performance (2003 ~ present)
Nike Performance Council Member (2014 ~ 2016)
Nike SPARQ Scientific Advisory Board Member (2012 ~ 2014)
Vision Sciences Society Board of Directors (2004 ~ 2008)
Vision Sciences Society Treasurer (2007~ 2008)

Study Section Panel Member

Cognition and Perception (Biobehavioral and behavioral processes 4), Center for Scientific Review, National Institutes of Health, 2000-2004, and ad-hoc.
Chair, National Institute of Mental Health Special Emphasis Panel, Review of Center for Attention Across Cognitive Domains, 2005.
National Science Foundation Graduate Fellowships, 2016
Central Visual Processing, Center for Scientific Review, National Institutes of Health, ad-hoc several occasions.

Committees

American Psychological Association, Editor Search (2005)
American Psychological Association, Scientific Awards (2009-2012, Chair in final year)
American Psychological Association, Editor Search (2010)
Association for Psychological Science, Editor Search (2010)
Cognitive Neuroscience Society, Young Investigator Award Committee (2013 - present)

Ad-hoc Reviewer

Journals: *Brain and Cognition, Canadian Journal of Experimental Psychology, Cerebral Cortex, Cognitive, Affective, & Behavioral Neuroscience, Cognitive Neuropsychology, Cognitive Psychology, Contemporary Psychologist, Current Biology, Developmental Psychology, Emotion, European Journal of Cognitive Psychology, Journal of Cognitive Neuroscience, Journal of Experimental Child Psychology, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Memory, and Cognition, Journal of Neurophysiology, Journal of Neuroscience, Journal of Vision, Memory & Cognition, Nature, Nature Neuroscience, Neurobiology of Aging, Neuroimage, Neuron, Neuropsychologia, Neuropsychology, Neuropsychopharmacology, Neuroscience Letters, Perception, Proceedings of the National Academy of Sciences, USA, Psychological Bulletin, Psychological Research, Psychological Review, Psychology & Aging, Psychonomic Bulletin & Review, Quarterly Journal of Experimental Psychology, Review of General Psychology, Schizophrenia Bulletin, Spatial Vision, Spanish Journal of Psychology, Trends in Cognitive Science, Vision Research, Visual Cognition*

Grant Agencies: *Air Force Office of Scientific Research (USA), Institute of Education Sciences Cognitive and Student Learning Program (USA), National Science Foundation (USA), Netherlands Organization for Scientific Research, The Royal Society (United Kingdom), US-Israel Binational Science Foundation, The Wellcome Trust (United Kingdom)*

Department and University Service

1996-1998 Asian American Cultural Center Board, Yale University
1998 Behavioral Neuroscience Junior Faculty Search Committee, Yale University
1998 Internal Hiring Procedure Committee, Yale University
1998-1999 Philosophy Track Advisor, Yale University
1999-2003 Graduate Studies Committee, Psychology, Vanderbilt University
2000-2001 Strategic Academic Planning Committee (Chair), Dept. of Psychology, Vanderbilt University
2000-2002 Neuroscience Faculty Search Committee, Vanderbilt University
2000-2003 Co-director, Neuroimaging Module, Vanderbilt Vision Research Center
2000-2003 Cognitive Studies Faculty Search Committee, Peabody College, Vanderbilt University
2000-2003 Psychology Major Advisor, Vanderbilt University
2000-2003 Premajor Advisor, Vanderbilt University
2000-2003 Psychology Web Site Manager
2001-2003 Director of Subject Pool, Vanderbilt University
2002-2003 Neuroscience Program Steering Committee
2002-2003 College of Arts and Sciences Curriculum Reform Work Group
2003-2005 Director of Introductory Psychology Subject Pool, Yale University
2003-2004 Human Subjects Committee, Faculty of Arts and Sciences
2003-2016 Executive Committee, Interdepartmental Neuroscience Program
2003-2012 Graduate Admissions Committee, Interdepartmental Neuroscience Program
2003 Journal of Experimental Psychology: Human Perception and Performance

Editor Search Committee, American Psychological Association
2003-2004 Chemosensory Search Committee, Pierce Laboratory
2003-2004 Behavioral Neuroscience Search Committee, Psychology
2004-2005 Chair, Human Subjects Committee, Faculty of Arts and Sciences
2004-2005 Behavioral Neuroscience Search Committee, Psychology
2004-2005 Developmental Psychology Search Committee, Psychology
2005-2006 Chair, Cognitive Search Committee, Psychology
2006-2010 Director, Introductory Psychology Subject Pool, Yale University
2007-2008 Yale College Dining Services Committee
2007-2011 Minority Advisory Council, President's Office
2007-2016 Paul Mellon Fellowship Committee
2007-2016 Council of Masters Agenda Committee, Finance Committee, Awards Committee,
Creative and Performing Arts Committee, Athletic Committee, Services
Committee, Gordon Grand Fellowship Committee (in different combinations
over the term)
2008 Search Committee, Assistant Dean of Yale College for Freshman Affairs
2008- University Advisory Council of the Yale-New Haven Teachers Institute
2008-2009 Chair, Promotion Committee, Psychology
2008-2009 NEASC Steering Committee, President's Office
2009-2010 National University of Singapore Initiative Committee, President's Office
2009-2013 Freshman Year Advisory Committee, Yale College Dean's Office
2011-2013 Yale-NUS College Summer Immersion Program Director and Rector
2011-2015 Chair, Minority Advisory Council, President's Office
2012-2016 Chair, Yale Faculty Advisory Committee on Yale-NUS College, President's
Office
2014 Chair, Advisory Committee on Decanal Search, President's Office
2014- Chair, Kavli Institute Brain Coffee Hour Series
2014-2016 Council of Masters: Services Committee Chair; Steering Committee
2015-2016 Social Sciences Divisional Committee, Dean of Faculty of Arts and Sciences
Office
2015 Curriculum Review Committee, Yale-NUS College, Singapore
2015- Psychology Search Committee, Yale-NUS College, Singapore

Students Advised

Graduate Students

Ingrid Olson, Ph.D., Yale University, 2000 (B.S., University of Michigan)
Research Assistant Professor, Center for Cognitive Neuroscience, University of
Pennsylvania
Assistant then (tenured) Associate Professor, Dept. of Psychology, Temple
University

- Yuhong Jiang, Ph.D., Yale University, 2000 (B.A., Peking University, China)
Postdoctoral Fellow, MIT
Assistant Professor, Dept. of Psychology, Harvard University
APA Division 3 Young Investigator Award
Presidential Early Career Award for Scientists and Engineers
Office of Naval Research Young Investigator Award
Full Professor, Dept. of Psychology, University of Minnesota
- Do-joon Yi, Ph.D., Yale University, 2005 (B.A., M.A., Yonsei University, Korea)
Postdoctoral Associate, Yonsei University
Associate Professor, Department of Psychology, Yonsei University
- Justin Junge, Ph.D., Yale University, 2008 (B.A., Harvard University)
Postdoctoral Associate, Tufts University
Lecturer, Harvard University
Lecturer, Princeton University
- Soojin Park, Ph.D., Yale University, 2008 (B.A., Yonsei University)
Postdoctoral Associate, MIT
Assistant Professor, Department of Cognitive Sciences, Johns Hopkins University
Assistant Professor, Department of Psychology, Yonsei University
- Nick Turk-Browne, Ph.D., Yale University, 2009 (B.A., U of Toronto)
NSERC Doctoral Fellow
Assistant Professor to Full Professor, Department of Psychology, Princeton University
APA Early Career Award
Vision Sciences Society Young Investigator Award
Cognitive Neuroscience Society Young Investigator Award
Full Professor, Department of Psychology, Yale University
- Julie Golomb, Ph.D., Yale University, 2009 (B.A., Brandeis University)
NSF Graduate Fellow
Postdoctoral Associate, MIT
Assistant Professor, Ohio State University
Sloan Fellow
- Yankun Jeremy Shen, Ph.D., Yale University, 2011 (B.A., Harvard University)
Senior Research Scientist, Unilever
- Emily Ward, Ph.D., Yale University, 2016 (B.S., Franklin & Marshall College)
NSF Graduate Fellow 2011-2014
Postdoctoral Associate, University of Wisconsin
Assistant Professor, Department of Psychology, University of Wisconsin (Fall, 2017)
- Monica Rosenberg (B.S., Brown University)
NSF Graduate Fellow 2014-2017
Object, Perception, Attention Memory Conference Best Talk Award
Forbes Magazines 30 under 30 Scientists
- Thomas O'Connell (B.A., Ohio State University)

NSF Graduate Fellow 2014-2017

Qi Lin (B.A., New York University)

Brynn Sherman (B..A., New York University)

Postdoctoral Fellows

Steven Most (Ph.D., Harvard University) : 2002 – 2006

NIH NRSA Fellow. Sponsors: Marvin Chun and David Zald (Vanderbilt)

Assistant Professor, Dept. of Psychology, University of Delaware

Senior Lecturer (tenured), Dept. of Psychology, University of New South Wales

Geoff Woodman (Ph.D., University of Iowa) : 2002 – 2006

NIH NRSA Fellow. Sponsors: Jeff Schall (Vanderbilt) and Marvin Chun

Associate Professor, Dept. of Psychology, Vanderbilt University

Young Investigator Award, Vision Sciences Society

Troland Award, National Academy of Sciences

Andrew Leber (Ph.D., Johns Hopkins University) : 2003 – 2007

NIH NRSA Fellow. Sponsor: Marvin Chun

Assistant Professor, Dept. of Psychology, University of New Hampshire

Assistant Professor, Dept. of Psychology, Ohio State University

Yaoda Xu (Ph.D., MIT) : 2003 – 2008

Associate Professor, Dept of Psychology, Harvard University

Timothy Vickery (Ph.D., Harvard University) : 2008 – 2012

Assistant Professor, Dept. of Psychology, University of Delaware

Brice Kuhl (Ph.D., Stanford University) : 2010 – 2012

NIH NRSA Fellow

Assistant Professor, Dept. of Psychology, New York University

Assistant Professor, Dept. of Psychology, University of Oregon

Katherine Sledge Moore (Ph.D., University of Michigan) : 2010 – 2012

Assistant Professor, Dept. of Psychology, Elmhurst College

Assistant Professor, Dept. of Psychology, Arcadia University

Scott Guerin (Ph.D., University of California, Santa Barbara) : 2013 – 2015

Research Associate, Dept. of Psychology, Stanford University

Marc Coutanche (Ph.D., University of Pennsylvania) : 2014 – 2015

NIH NRSA Fellow

Assistant Professor, Dept. of Psychology, University of Pittsburgh

Kwangsun Ray Yoo (Ph.D., KAIST) : 2017 – present

Undergraduate Research Assistants (in the field)

Kao-ping Chua (B.S., High Honors, Vanderbilt, 2001; M.D., Washington University Medical School)

Todd Kelley (B.S., Vanderbilt, 2001; Postdoctoral researcher, UC Davis)

Rachel Denison (B.A., Yale, 2006; Marshall Scholar; Graduate student, UC Berkeley)

Tim Brady (B.A., Yale, 2006; NSF Graduate Fellow, MIT)

Jenika Beck (B.A., Yale, 2008; Graduate student, University of Illinois)

Sam Norman-Haignere (B.A., Yale, 2010; NSF Graduate Fellow, MIT)

Alyssa Nguyen-Phuc (B.S., Yale, 2010; Medical School, University of Pennsylvania)

Sam Cartmell (B.A., Yale, 2010; Stanford Medical School)

Harrison Korn (B.S., Yale, 2011; Yale Law School)

Alan Cowen (B.S., Yale, 2013; UC Berkeley Graduate School)

Shailin Thomas (B.S., Yale, 2013; Harvard Law School)

Tiffany Hsu (B.S., Yale, 2016; Graduate Student, Stanford University)