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CURRENT ACADEMIC POSITION

2013 – Present **Research Scientist**
Center for the Neural Basis of Cognition
Department of Psychology
Carnegie Mellon University

EDUCATION

- 2005 – 2008 **Harvard University** – Cambridge, MA
- Ph.D. in Psychology: Cognition, Brain, and Behavior, June 2008
 - Advisors: Moshe Bar and Daniel L. Schacter
 - Thesis Title: Contextual associations in visual recognition and memory: A cognitive neuroscience perspective
- 2003 – 2005 **Harvard University** – Cambridge, MA
- M.A in Psychology, June 2005
 - Advisors: Daniel L. Schacter and Moshe Bar
 - Thesis Title: The cortical underpinnings of context-driven false memories
- 1997 – 2001 **Brown University** – Providence, RI
- Sc.B. in Cognitive Neuroscience with Honors, May 2001
 - Advisor: Michael Tarr and Katharine Phillips
 - Thesis Title: Visual processing in body dysmorphic disorder
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RESEARCH EXPERIENCE

- 2011 – 2013 **Postdoctoral Researcher**, Center for the Neural Basis of Cognition, Carnegie Mellon University; Advisor: Michael Tarr; Collaborators: Marlene Behrmann, Abhinav Gupta.
- 2008 – 2011 **Postdoctoral Researcher**, Psychology Department, University of California Santa Barbara; Advisor: Michael B. Miller; Collaborator: Scott T. Grafton
- 2003 – 2008 **Graduate Student**, Department of Psychology, Harvard University, Martinos Center for Biomedical Imaging, Massachusetts General Hospital; Advisors: Daniel L. Schacter & Moshe Bar

- 2001 – 2003 **Research Assistant**, Martinos Center for Biomedical Imaging, Massachusetts General Hospital; Advisor: Moshe Bar
- 2000 – 2001 **Undergraduate Thesis Student, Research Assistant**, Body Image Program, Butler Hospital; Advisor: Katharine Phillips
- 2000 – 2001 **Undergraduate Thesis Student**, Department of Cognitive and Linguistic Sciences, Brown University; Advisor: Michael Tarr
- 2000 – 2001 **Research Assistant**, Neuropsychology Department, Memorial Hospital
- 1999 **Research Assistant**, Center for Molecular and Behavioral Neuroscience, Rutgers University

RESEARCH GRANTS

- 2014 – 2017 **National Science Foundation**
 Co-Principal Investigator, #1439237
 Co-P.I.: Michael Tarr
 CompCog: Human Scene Processing Characterized by Computationally-derived Scene Primitives

PUBLICATIONS (h-index = 14)

- Kim, J.*, **Aminoff, E.***, Kastner, S., & Behrmann, M. (2015). The neural basis of developmental topographic disorientation. *Journal of Neuroscience*. 35, 12954-12969. * Equal contribution.
- Aminoff, E.** & Tarr, M. (2015). Associative processing is inherent in scene perception. *PLoS ONE*, 10(6): e0128840.
- Aminoff, E.**, Toneva, M., Shrivastava, A., Chen, X., Misra, I., Gupta, A. & Tarr, M. (2015). Applying artificial vision models to human scene understanding. *Front. Comput. Neurosci.* 9:8. doi: 10.3389/fncom.2015.00008. Special Research Topic: Integrating computational and neural findings in visual object perception.
- Aminoff, E.**, Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2015). Maintaining a cautious state of mind during a recognition test: A large-scale fMRI study. *Neuropsychologia*, 67, 132-147.
- Aminoff, E.** (2014). Putting scenes in context. In, Kveraga, K. & Bar, M. (Eds), *Scene Vision: Making sense of what we see* (pp. 135-154). Cambridge: MIT Press.
- Hermunstad, A., Brown, K., Bassett, D., **Aminoff, E.**, Frithsen, A., Johnson, A., Tipper, C., Miller, M., Grafton, S., & Carlson, J. (2014). Structurally-constrained relationships between cognitive states in the human brain. *PLOS Computational Biology* 10: e1003591.
- Aminoff, E.**, Kveraga, K., & Bar, M. (2013). The role of the parahippocampal cortex in cognition. *Trends in Cognitive Sciences*, 17, 379-390.
- Hermunstad, A., Bassett, D., Brown, K., **Aminoff, E.**, Clewett, D., Freeman, S., Frithsen, A., Johnson, A., Tipper, C., Miller, M., Grafton, S., & Carlson, J. (2013). Structural foundations of resting-state

and task-based neural activity in the human brain. *Proceedings of the National Academy of Sciences*, 110, 6169-6174.

Aminoff, E., Clewett, D., Freeman, S., Frithsen, A., Tipper, C., Johnson, A., Grafton, S., & Miller, M. (2012). Individual differences in shifting decision criterion: A recognition memory study. *Memory & Cognition*, 40, 1016-1030.

Miller, M., Donovan, C., Bennett, C., **Aminoff, E.**, & Mayer, R. (2012). Individual differences in cognitive style and strategy predict similarities in the patterns of brain activity between individuals. *NeuroImage*, 59, 83-93.

Kveraga, K., Ghuman, A., Kassam, K., **Aminoff, E.**, Hamalainen, M., Chaumon, M., & Bar, M. (2011). Early onset of neural synchronization in the contextual associations network. *Proceedings of the National Academy of Sciences*, 108: 3389-3394.

Aminoff, E., Balslev, D., Borroni, P., Bryan, R.E., Chua, E.F., Cloutier, J., Cross, E.S., Drew, T., Funk, C.M., Gil-da-Costa, R., Guerin, S.A., Hall, J.L., Jordan, K.E., Landau, A.N., Molnar-Szakacs, I., Montaser-Kouhsari, L., Olofsson, J.K., Quadflieg, S., Somerville, L.H., Sy, J.L., Uddin, L.Q., & Yamada, M. (2009). The landscape of cognitive neuroscience: Challenges, rewards, and new perspectives. In M.S. Gazzaniga (Ed.), *The Cognitive Neurosciences IV*. Cambridge, MA: MIT Press.

Aminoff, E., Schacter, D. L., & Bar, M. (2008). The cortical underpinnings of context-based memory distortion. *Journal of Cognitive Neuroscience*, 20, 2226-2237.

Chiao, J. Y., Iidaka, T., Gordon, H. L., Nogawa, J., Bar, M., **Aminoff, E.**, Sadato, N., & Ambady, N. (2008). Cultural specificity in amygdala response to fear faces. *Journal of Cognitive Neuroscience*, 20, 2167-2174.

Bar, M., **Aminoff, E.**, Schacter, D. (2008). Scenes unseen: The parahippocampal cortex subserves contextual associations, not scenes per se. *Journal of Neuroscience*, 28, 8539-8544.

Bar, M., **Aminoff, E.**, & Ishai, A. (2008). Famous faces activate contextual associations in the parahippocampal cortex. *Cerebral Cortex*, 18, 1233-1238.

Bar, M., **Aminoff, E.**, Mason, M., & Fenske, M. (2007). The units of thought. *Hippocampus*, 17, 420-428.

Aminoff, E., Gronau, N., & Bar, M. (2007). The parahippocampal cortex mediates spatial and non-spatial associations. *Cerebral Cortex*, 27, 1493-1503.

Fenske, M., **Aminoff, E.**, Gronau, N., & Bar M. (2006). Top-down facilitation of visual object recognition: Object-based and context-based contributions. *Progress in Brain Research*, 155, 3-21.

Zago, L., Fenske, M. J., **Aminoff, E.**, & Bar, M. (2005). The rise and fall of priming: How visual exposure shapes cortical representations of objects. *Cerebral Cortex*, 15, 1655-1665.

Bar, M. & **Aminoff, E.** (2003). Cortical analysis of visual context. *Neuron*, 38, 347-358.

Forthcoming Manuscripts

Aminoff, E. & Tarr, M. (In Press). Perception and Cognition. In Miller H. (Ed). *The SAGE encyclopedia of theory in psychology*. SAGE publications.

Tarr, M & **Aminoff, E.** (In Press). Can big data help us understand human vision? In, Jones, M. (Ed.), *Big Data in Cognitive Science: From Methods to Insights*. Psychology Press (Taylor & Francis).

Aminoff, E., Li, Y., Pyles, J. A., Ward, M., Richardson, R. M., Ghuman, A. S. (Under Review). Associative hallucinations result from stimulating left ventral temporal cortex.

CONFERENCE PRESENTATIONS

Aminoff, E., Li, Y., Pyles, J., Ward, M., Ghearing, G., Richardson, R. M., Ghuman, A. (2015, October). *Stimulating Associations*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

Aminoff, E., Toneva, M., Gupta, A., & Tarr, M. (2015, May). *Scene-space encoding within the functional scene-selective network*. *Journal of Vision*, 15, 507. Poster presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Aminoff, E., Toneva, M., Gupta, A., & Tarr, M. (2014, November). *High-dimensional encoding of scenes in the PPA, RSC, and OPA*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C.

Aminoff, E. & Tarr, M. (2014, May). *Anterior to posterior parahippocampal organization of scene information*. *Journal of Vision*, 14, 1079. Poster presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Toneva, M., **Aminoff, E.**, Gupta, A., & Tarr, M. (2014, May). *Towards a model for mid-level feature representation of scenes*. *Journal of Vision*, 14, 363. Poster presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Aminoff, E. & Tarr, M. (2013, November). *Associative processing scene selective cortex*. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

Kim, J. **Aminoff, E.**, Behrmann, M., & Kastner, S. (2013, November). *The neural basis of developmental topographic disorientation*. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

Aminoff, E. & Tarr, M. (2013, May). *Spatial and identity associative processing in scene selective cortex*. *Journal of Vision*, 13, 1319. Poster presented at the annual meeting of the Vision Science Society, Naples, FL.

Aminoff, E. (2013, April). *Associative processing in scene understanding*. Talk presented at the 26th Perceptual Expertise Network Workshop, Seattle, WA.

Aminoff, E., Kim, J., Kastner, S., & Behrmann, M. (2012, October). *Psychological and neural mechanisms underlying congenital topographagnosia*. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.

Vettel, J., Vindiola, M., **Aminoff, E.**, Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2012, October). *Predicting individual differences in decision making based on structural, functional, and behavioral measures*. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.

- Aminoff, E.,** Miller, M., Grafton, S., & Tarr, M. (2012, May). *Early visual areas recruited in automatic contextual processing of words.* *Journal of Vision*, 12, 1112. Talk presented at the annual meeting of the Vision Science Society, Naples, FL.
- Aminoff, E.** (2012, April). Automatic contextual processing of words. Talk presented at the 24th Perceptual Expertise Network Workshop, Chicago, IL.
- Aminoff, E.,** Clewett, D., Freeman, S., Grafton, S., & Miller, M. (2011, November). *Contextualizing words.* Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
- Miller, M., **Aminoff, E.,** & Grafton, S. (2011, November). *Sources of individual variability in whole brain activity during recognition memory.* Talk presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
- Tipper, C., Janusonis, S., **Aminoff, E.,** Frithsen, A., Johnson, A., Datko, M., Miller, M., & Grafton, S., (2011, November). *Individual variation in strategic inhibitory control is linked to the presence of a 4-repeat allele on the DRD4 gene.* Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
- Aminoff, E.** (2011, September). *Contextual associations and the parahippocampal cortex.* Talk presented at the 23rd Perceptual Expertise Network Workshop, Seattle, WA.
- Aminoff, E.,** Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2011, April). *Neural correlates of criterion shifting in memory.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Aminoff, E.,** Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2011, February). *Some individuals are not cut out for leadership roles.* Poster presented at the annual Army-Industry Collaborative Conference with the Institute of Collaborative Biotechnologies, Santa Barbara, CA.
- Aminoff, E.** (2011, January). *Long-term contextual associations in spatial and non-spatial memory.* Talk presented at the Annual Winter Conference of Neurobiology of Learning & Memory, Park City, UT.
- Aminoff, E.,** Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2010, October). *Behavioral and neural factors that account for individual differences of criterion shifting during recognition memory.* Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Aminoff, E.,** Clewett, D., Freeman, S., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2010, August). *Factors that predict individual differences in criterion shifting in recognition memory.* Talk presented at the annual Bay Area Memory Meeting, Stanford, CA.
- Aminoff, E.,** Tipper, C., Frithsen, A., Johnson, A., Freeman, S., Clewett, D., Grafton, S., & Miller, M. (2010, June). *Individual variability in whole brain maps of task-related activity: what are the important factors?* Poster presented at the Organization of Human Brain Mapping conference, Barcelona, Spain.
- Aminoff, E.,** & Bar, M. (2010, May). *Frequency of exposure modulates cortical activity in the contextual associations network.* *Journal of Vision*, 10, 744. Poster presented at the annual meeting of the Vision Science Society, Naples, FL.

- Aminoff, E.**, Tipper, C., Frithsen, A., Johnson, A., Freeman, S., Clewett, D., Grafton, S., & Miller, M. (2010, March). *Individual differences in adaptive decision making: a cognitive neuroscience analysis of 95 officers and non-officers*. Poster presented at the annual Army-Industry Collaborative Conference with the Institute of Collaborative Biotechnologies, Santa Barbara, CA.
- Aminoff, E.**, Frithsen, A., Tipper, C., Johnson, A., Mendoza, M., Beach, P., Grafton, S., & Miller, M. (2009, October). *Response criterion in recognition memory: an examination of individual differences*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.
- Kverga, K., Kassam, K., **Aminoff, E.**, Hamalainen, M., Ghuman, A., Chaumon, M., & Bar M. (2009, October). *Neural dynamics in the contextual association network*. Talk presented at the annual meeting of the Society for Neuroscience, Chicago, IL.
- Aminoff, E.**, Frithsen, A., Tipper, C., Johnson, A., Datko, M., Mendoza, M., Beach, P., Grafton, S., & Miller, M. (2009, August). *Distinguishing the role of response criterion in memory retrieval processing*. Talk presented at the annual Bay Area Memory Meeting, San Francisco, CA.
- Aminoff, E.**, Frithsen, A., Tipper, C., Johnson, A., Mendoza, M., Beach, P., Grafton, S., & Miller, M. (2009, April). *Individual differences in brain structure and function in combat experienced officers*. Poster presented at the initial meeting of the New Horizons in Brain Imaging: a Focus on the Pacific Rim, Waikoloa Village, HI.
- Aminoff, E.**, & Miller, M. (2009, March). *Utilization of contextual associations*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Aminoff, E.**, Frithsen, A., Tipper, C., Johnson, A., Mendoza, M., Beach, P., Grafton, S., & Miller, M. (2009, March). *Individual differences in brain structure and function in combat experienced officers*. Poster presented at the annual Army-Industry Collaborative Conference with the Institute of Collaborative Biotechnologies, Santa Barbara, CA.
- Ishai, A., **Aminoff, E.***, Bar, M. (2007, June). *Contextual processing in the parahippocampal cortex*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Chicago, IL. *presenter.
- Aminoff, E.**, Ishai, A., Bar, M. (2007, May). *Contextual processing of faces in the parahippocampal cortex*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Bar, M., **Aminoff, E.**, & Mason, M. (2007, May). *The building blocks of "default" brain activity*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Bar, M., **Aminoff, E.**, Mason, M., & Fenske, M. (2007, February). *Scenes, contextual associations, and the brain's default mode*. Talk presented at the Scene Understanding Symposium, Boston, MA.
- Aminoff, E.**, Bar, M., & Schacter, D. L. (2007, November). *How the brain extends the boundaries of a scene in memory*. Talk presented at the annual meeting of the Society for Neuroscience, San Francisco, CA.
- Aminoff, E.**, Schacter, D. Boshyan, J., & Bar, M. (2006, April). *Distinguishing the roles of the retrosplenial complex and the parahippocampal cortex in contextual processing*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

- Aminoff, E.**, Boshyan, J., & Bar, M. (2005, November). *The division of labor within the cortical network mediating contextual associations of visual objects*. Talk presented at the annual meeting of the Society for Neuroscience, Washington D.C.
- Aminoff, E.**, Gronau, N., & Bar, M. (2005, May). *The parahippocampal cortex mediates both spatial and non-spatial associative processing*. *Journal of Vision*, 5, 907. Talk presented at the annual meeting of the Vision Science Society, Sarasota, FL.
- Bar, M., **Aminoff, E.**, Boshyan, J., Fenske, M., Gronau, N., & Kassam, K. (2005, May). *The contribution of context to visual object recognition*. *Journal of Vision*, 5, 88. Talk presented at the annual meeting of the Vision Science Society, Sarasota, FL.
- Boshyan, J., Fenske, M., **Aminoff, E.**, & Bar, M. (2005, May). *Cortical manifestations of context-related facilitation of visual object recognition*. *Journal of Vision*, 5, 852. Poster presented at the annual meeting of the Vision Science Society, Sarasota, FL.
- Aminoff, E.**, Schacter, D. L., & Bar, M. (2005, April). *The role of contextual associations and the parahippocampal cortex in creating false memories*. Poster Presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Aminoff, E.**, Gronau, N., & Bar, M. (2004, October). *The parahippocampal cortex mediates spatial as well as non-spatial visual associations*. Talk presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Fenske, M. J., Boshyan, J., **Aminoff, E.**, & Bar, M. (2004, October) *Cortical manifestations of contextual facilitation in visual object recognition*. Talk presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Aminoff, E.**, Zago, L., Fenske, M., Linz, H., & Bar, M. (2004, April). *The paradoxical effects of exposure on the recognition and cortical representation of visual objects*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Chiao, J.Y., Iidaka, T., Bar, M., Nogawa, J., **Aminoff, E.**, & Ambady, N. (2004, January). *Recognizing emotions across cultures: Insights from brain and behavior*. Presented at Society for Experimental Social Psychology meeting, TX.
- Kassam, K.S., **Aminoff, E.**, & Bar, M. (2003, November). *Spatial-temporal cortical processing of contextual associations*. Talk presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.
- Aminoff, E.**, & Bar, M. (2003, April). *Cortical mechanisms subserving contextual processing*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.
- Bar, M., & **Aminoff, E.*** (2002, November). *Cortical analysis of contextual visual associations*. Poster presented at the annual meeting of the Society for Neuroscience, Orlando, FL. *presenter
- Aminoff, E.**, Vaitsou, C., Schacter, D. L., & Bar, M. (2002, May). *The cortical network processing contextual, semantic and physical relationships between visual objects*. *Journal of Vision*, 2, 698. Poster presented at the annual meeting of the Vision Science Society, Sarasota, FL.
- Bar, M. & **Aminoff, E.** (2002, May). *Contextual processing of visual objects in the brain*. *Journal of Vision*, 2, 410. Talk presented at the Vision Science Society, Sarasota, FL.
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AWARDS AND HONORS

2011	Delegate representing University of California Santa Barbara at the University of California Advocacy Day on Capital Hill in Washington, D.C.
2009	New Horizons in Human Brain Imaging: a Focus on the Pacific Rim Trainee Fellowship
2008	Sage Center Summer Institute in Cognitive Neuroscience Fellowship Tahoe
2006	Dartmouth College Summer Institute in Cognitive Neuroscience Fellowship
2004 – 2008	NIMH T32 NRSA Institutional Training Grant (MH070328)
2003 – 2004	Harvard University GSAS Merit Fellowship
2001	Brown University Concentration Honors

INVITED TALKS

November	2015	Center for Neuroscience, Indian Institute of Science, Bangalore, India.
October	2015	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
November	2014	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
May	2014	Vision Seminar, Harvard Medical School, Cambridge, MA
May	2014	Cognitive Science Team, Natick Soldier Research, Development, & Engineering Center (NSRDEC), Natick, MA
January	2014	Center for Brain, Biology, and Behavior, University of Nebraska – Lincoln, Lincoln, NE
November	2013	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
October	2013	Department of Psychology, City College, City University of New York, New York, NY
February	2013	Department of Psychology, George Washington University, Washington, D.C.
October	2012	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
October	2011	MURI Review Meeting, Office of Navy Research, Arlington VA
October	2011	Vision and Autonomous Systems Center Seminar, Carnegie Mellon University, Pittsburgh, PA
May	2011	Cognition, Perception, and Cognitive Neuroscience Seminar, University of California Santa Barbara, CA
January	2011	Winter Conference - Neurobiology of Learning & Behavior, Park City, UT
October	2008	Cognition, Perception, and Cognitive Neuroscience Seminar, University of California Santa Barbara, CA
February	2008	Cognition, Brain, and Behavior Series, Harvard University, Cambridge, MA
December	2007	Mind, Brain, and Behavior Series, Harvard University, Cambridge, MA
September	2007	Department of Psychology, University of California Santa Barbara, CA
June	2006	Martinos Center for Biomedical Imaging, MGH, Charlestown, MA
March	2006	Cognition, Brain, and Behavior Series, Harvard University, Cambridge, MA

TEACHING and MENTORING EXPERIENCE

2015	Co-Instructor, fMRI Analysis Workshop , Center for Neuroscience, Indian Institute of Science, Bangalore, India.
2015	Guest Lecturer (on Memory), Neuroscience & Art , School of Art, Carnegie Mellon University, Pittsburgh PA.

- 2015 **Guest Lecturer for Sheep Brain Dissection**, Neuroscience & Art, School of Art, Carnegie Mellon University, Pittsburgh PA.
- 2015 **Advisor/Mentor**, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA. Master's student.
- 2015 **Advisor/Mentor, Summer Program in Neural Computation**, Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA. Two undergraduate students.
- 2015 **Guest Lecturer** (on Neuroimaging Methods), **Research Methods**, Psychology Department, Carnegie Mellon University, Pittsburgh, PA. (Spring and Fall)
- 2015 **Guest Lecturer** (on Visual Perception), **Visual Learning and Recognition**, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA.
- 2014 – 2015 **Undergraduate Thesis Advisor**, Psychology Department, Carnegie Mellon University, Pittsburgh, PA.
- 2014 **Co-instructor, The visual world as seen by neurons and machines**, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA. Co-taught with Abhinav Gupta.
- 2014 **Guest Lecturer** (on Memory), Neuroscience & Art, School of Art, Carnegie Mellon University, Pittsburgh PA.
- 2014 **Guest Lecturer for Sheep Brain Dissection**, Neuroscience & Art, School of Art, Carnegie Mellon University, Pittsburgh PA.
- 2013 **Guest Lecturer** (on Visual Perception), **Computer Vision**, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA.
- 2013 **Guest Lecturer** (on Visual Perception), **Learning Based Methods in Vision**, The Robotics Institute, Carnegie Mellon University, Pittsburgh, PA.
- 2013 **Advisor/Mentor, Summer Program in Neural Computation**, Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA. One undergraduate student.
- 2012 **Guest Lecturer** (on Memory), **Neuroscience & Photography**, School of Art, Carnegie Mellon University, Pittsburgh, PA.
- 2011 **Advisor/Mentor, Summer Applied Biotechnology Research Experience program**, University of California Santa Barbara, CA. Undergraduate Student.
- 2008 – 2011 **Advisor/Mentor**, University of California Santa Barbara, Santa Barbara, CA, multiple undergraduate RAs.
- 2007 – 2008 **Teaching Fellow, Introduction to Psychology**, Department of Psychology, Harvard University, Cambridge, MA.
- 2005 **Teaching Fellow, Cognitive Psychology**, Department of Psychology, Harvard University, Cambridge, MA.
- 2005 **Guest Lecturer** (on Object Recognition), **Cognitive Psychology**, Department of Psychology, Harvard University, Cambridge, MA.
- 2004 – 2005 **Teaching Fellow, Debates in the Practice of Good Science Good Practice**, Department of Psychology, Harvard University, Cambridge, MA.
- 2004 **Teaching Fellow, Functional MRI Visiting Fellowship**, Massachusetts General Hospital –Martinos Center, Charlestown, MA.

PROFESSIONAL ACTIVITIES

- 2013 – 2015 Postdoctoral committee, Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA
- 2006 – 2007 Organizer of weekly Cognition, Brain, and Behavior seminar series. Harvard University, Cambridge, MA
- 2005 – 2006 Psychology Equal Access Committee, Harvard University, Cambridge, MA
- 2003 – 2004 Psychology Representative, Graduate Student Council, Harvard University, Cambridge, MA

AD HOC REVIEWER

Behavioral Brain Research
Brain Research
Cerebral Cortex
Cognition
Cognitive, Affective, and Behavioral
Neuroscience (CABN)
Cognitive Neuroscience
Cortex
Emotion
European Science Foundation

Human Brain Mapping
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Learning,
Memory and Cognition
Memory & Cognition
NeuroImage
Neuropsychologia
Psychological Science
Psychonomic Bulletin & Review
Social Cognitive and Affective Neuroscience

PROFESSIONAL MEMBERSHIPS

Cognitive Neuroscience Society
Organization of Human Brain Mapping
Society for Neuroscience
Vision Science Society

REFERENCES

Dr. Michael Tarr
Center for the Neural Basis of Cognition
Department of Psychology
Carnegie Mellon University
Pittsburgh, PA
michaeltarr@cmu.edu

Dr. Michael Miller
Department of Psychological and Brain Sciences
University of California, Santa Barbara
Santa Barbara, CA
michael.miller@psych.ucsb.edu

Dr. Daniel Schacter
Department of Psychology
Harvard University
Cambridge, MA
dls@wjh.harvard.edu

Dr. Moshe Bar
Gonda Multidisciplinary Brain Research Center
Bar-Ilan University
Ramat-Gan, Israel
Moshe.Bar@biu.ac.il
