

## Noa Ofen, Ph.D.

Knapp Building #257 (office) #008 (lab)  
87 E. Ferry Street, Detroit, MI 48202  
313.664.2643 (office) | 313.664.2646 (lab)  
[noa.ofen@wayne.edu](mailto:noa.ofen@wayne.edu) | [ofenlab.wayne.edu](http://ofenlab.wayne.edu)

### Academic Appointments

---

Assistant Professor, Wayne State University (2011 – present)  
Department of Psychology (appointed 08/2015)  
Institute of Gerontology and Merrill Palmer Skillman Institute for Child and Family Development  
Translational Neuroscience Program, School of Medicine (Core Faculty)  
Department of Pediatrics, School of Medicine (appointed 08/2011 – 08/2015)

Postdoctoral Associate (2005 – 2011)  
Massachusetts Institute of Technology, Department of Brain and Cognitive Sciences

Lecturer (2010)  
Northeastern University, Psychology Department

Teaching Fellow (2008 – 2009)  
Harvard University, Neurobiology Department

Postdoctoral Fellow (2004 – 2005)  
Stanford University, Psychology Department

### Education

---

Ph.D., Weizmann Institute of Science (2004)  
Cognitive Neuroscience, Neurobiology

M.Sc., Weizmann Institute of Science (1998)  
Cognitive Neuroscience, Neurobiology

B.A., University of Haifa (1996)  
Psychology and Honors Program

### Awards and Honors

---

Mentor Award for Junior Faculty, Wayne State University (2015)

Fellow, National Academy of Science German-American Kavli Frontiers of Science Symp, Irvine, CA (2014)

University Research Grant, Wayne State University (2014)

Faculty Competition for Postdoctoral Fellows Award, Wayne State University (2014-2016)

Travel Award, Organization of Human Brain Mapping (student presenter), Annual Meeting, Seattle, WA (2013)

Faculty Competition for Graduate Student Award, Wayne State University (2012-2013)

Science Spot appreciation award, MIT School of Science (2009)

Travel Award, Organization of Human Brain Mapping, Annual Meeting, Florence, Italy (2006)

Fellow, RIKEN Brain Science Institute, Summer Lecture Course, Saitama, Japan (2004)

Fellow, Summer Institute in Cognitive Neuroscience, Lake Tahoe, CA (2003)

Fellow, Summer Institute in Cognitive Neuroscience, Dartmouth College, NH (2001)

Student Travel Fellowship, Katzir Katchalsky (2001)

Brainin Scholarship, Myers Scholarship, Scheinfeld Scholarship (1998-2003)

Feinberg Graduate School Scholarships (1995-1998)

Excellence Scholarships, Dean List, University of Haifa (1993-1995)  
Interdisciplinary Honor Program, University of Haifa (1993-1995)

## Scientific Membership

---

Cognitive Development Society (CDS)	2011 – present
Society for Research in Child Development (SRCD)	2008 – present
Organization of Human Brain Mapping (OHBM)	2005 – present
Society for Neuroscience (SFN)	2004 – present
Cognitive Neuroscience Society (CNS)	2002 – present

## Publications

---

### Peer-Reviewed Publications

- Daugherty, A.M., Bender, A.R., Raz, N., **Ofen, N.** (first published online Sept 4 2015). Age differences in hippocampal subfield volumes from childhood to late adulthood. *Hippocampus*. DOI: 10.1002/hipo.22517
- Mohl, B., **Ofen, N.**, Jones, L., Robin, A., Rosenberg, D., Diwadkar, V.A., Casey, J.E., Stanley, J. (2015). Neural dysfunction in ADHD with reading disability during a word rhyming continuous performance task. *Brain & Cognition* 99, 1-7.
- Daugherty, A.M., **Ofen, N.** (2015). That's a good one! Belief in the efficacy of mnemonic strategies contributes to age-related increase in associative memory. *Journal of Experimental Child Psychology* 136, 17-29.
- Daugherty, A.M., Yu, Q.J., Flinn, R., **Ofen, N.** (2015). A Reliable and valid method for manual demarcation of hippocampal head, body and tail. *International Journal of Developmental Neuroscience* 41, 115-122.
- Matsuzaki, N., Schwarzlose, R., Nishida, M., **Ofen, N.**, Asano, E. (2015). Upright face-preferential high-gamma responses in lower-order visual areas: evidence from intracranial recordings in children. *Neuroimage* 109, 249-259.
- Chai, X.J., **Ofen, N.**, Gabrieli, J.D.E., Whitfield-Gabrieli, S. (2014). Selective development of anticorrelated networks in the intrinsic functional organization of the human brain. *Journal of Cognitive Neuroscience* 26, 501-513.
- Chai, X.J., **Ofen, N.** (*CXJ NO equal contribution*), Gabrieli, J.D.E., Whitfield-Gabrieli, S. (2014). Development of deactivation of the default-mode network during episodic memory formation. *Neuroimage* 84, 932-938.
- Ofen, N.**, Shing, Y.L. (2013). From perception to memory: Changes in memory systems across the lifespan. *Neuroscience and Biobehavioral Reviews* 37, 2258-2267.
- Ofen, N.**, Chai, X.J., Schuil, K.D.I., Whitfield-Gabrieli, S., Gabrieli, J.D.E. (2012). The development of brain systems for successful memory retrieval of scenes. *Journal of Neuroscience* 32, 10012-10020.
- Ofen, N.** (2012). The development of neural correlates for memory formation. *Neuroscience and Biobehavioral Reviews* 36, 1708-1717.
- Yoo, J.J., Hinds, O., **Ofen, N.**, Thompson, T.W., Whitfield-Gabrieli, S., Triantafyllou, C., Gabrieli J.D.E. (2012). When the brain is prepared to learn: Enhancing human learning using real-time fMRI. *Neuroimage* 59, 846-852.
- Benjamin, C., Lieberman, D.A., Chang, M., **Ofen, N.**, Whitfield-Gabrieli, S., Gabrieli, J.D.E., Gaab, N. (2010). The influence of rest period instructions on the default mode network. *Frontiers in Human Neuroscience* 4, 218:1-9.
- Chai, X.J., **Ofen, N.** (*CXJ NO equal contribution*), Jacobs, L.F., Gabrieli, J.D.E. (2010). Scene complexity: influence on perception, memory, and development in the medial temporal lobe. *Frontiers in Human Neuroscience* 4, 21:1-10.
- Ofen, N.**, Kao Y-C., Sokol-Hessner, P., Kim, H., Whitfield-Gabrieli, S., Gabrieli, J.D.E. (2007). Development of the declarative memory system in the human brain. *Nature Neuroscience* 10, 1198-1205.

**Ofen, N., Moran, A. & Sagi, D. (2007).** Effects of trial repetition in texture discrimination. *Vision Research* 47, 1094-1102.

**Ofen-Noy, N., Dudai, Y. & Karni, A. (2003).** Skill learning in mirror reading: How repetition determines acquisition. *Brain Research: Cognitive Brain Research* 17, 507-521.

### **Book Chapters**

Diwadkar, V.A., **Ofen, N.** (2013). Disordered brain network function in adolescence: Impact on thought, language and vulnerability for schizophrenia. *Brain evolution, language, and psychopathology in schizophrenia* (P. Brambilla, A. Marini, Eds.). Psychology Press, Taylor & Francis.

### **International Conference Presentations (partial list last 5-years, \*Oral, ^Student presenter)**

^Tang, L., Shafer, A.T., Yu, Q.J., Liddane, R., **Ofen, N.** (2016). Mapping prefrontal cortex contribution to the development of memory formation. Cognitive Neuroscience Society Meeting, New York, NY.

^Anderson, D., Yu, Q.J., Piercy, J., Heitzer, A., Raz, S., **Ofen, N.** (2016). Assessing the relationship between episodic memory and the volume of the hippocampus in young children born prematurely. International Neuropsychological Society Meeting, Boston, MA.

Korzeniewska, A., Crone, N., Nishida, M., Toyoda, G., **Ofen, N.**, Brown, E.C., Asano, E. (2015). Dynamic model of articulatory loop system interactions in human brain. American Epilepsy Society Meeting, Philadelphia, PA.

Nishida, M., Korzeniewska, A., Crone, N., Toyoda, G., **Ofen, N.**, Brown, E.C., Asano, E. (2015). Electroconvulsive stimulation revealed when and where the articulatory loop system works in human brain. American Epilepsy Society Meeting, Philadelphia, PA.

^Yu, Q.J., Shafer, A., Anderson, D., Heitzer, A., Piercy, J., Brush, D., Angell, W., Raz, S., **Ofen, N.** (2015). Neural correlates of spatial navigation in young children: Linking brain volumetry and performance on a virtual Morris Water Maze task. Society for Neuroscience Meeting, Chicago, IL.

^Shafer, A., Schwarzlose, R., Asano, E., **Ofen, N.** (2015). Spatial-temporal dynamics of memory formation in children: An electroconvulsive stimulation (ECoG) investigation. Society for Neuroscience Meeting, Chicago, IL.

^Yu, Q. J., Anderson, D., Nishimura, M., **Ofen, N.** (2015). Medial temporal lobe maturation is related to the development of verbal memory. Cognitive Neuroscience Society Meeting, San Francisco, CA.

Asano, E., Matsuzaki, N., Schwarzlose, R., Nishida, M., **Ofen, N.** (2015). Upright face-preferential high-gamma responses in lower-order visual areas: evidence from intracranial recordings in children. Cognitive Neuroscience Society Meeting, San Francisco, CA.

\***Ofen, N.**, Daugherty, A.M. (2015). Regional hippocampus measures through development. Symposium, Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.

\*Chai, X.J., **Ofen, N.**, Martin, R., Whitfield-Gabrieli, S. Gabrieli, J.D.E. (2015). Development of amygdala and hippocampal resting-state functional connectivity between 8 to 24 years of age. Symposium, Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.

^Anderson, D., Daugherty, A.M., Brush, D., Piercy, J., Heitzer, A., Raz, S., **Ofen, N.** (2015). Age-related differences in free recall and mnemonic strategy use. International Neuropsychological Society Meeting, Denver, CO.

^Patel, H., Miller Rigoli, C. Schwarzlose, R., Yu, Q. J., Tang, L., Grosu, I., **Ofen, N.** (2014). Mapping the formation of memory in children using Electroconvulsive stimulation. American Medical Association, Dallas, TX.

^Mohl, B., Goradia, D.D., Jones, L.J., **Ofen, N.**, Robin, A.L., Rosenberg, D.R., Diwadkar, V.A., Casey, J.E., Stanley J.A. (2105). Predicting Functional Activation of Reading Subnetworks with a Novel Reading Tendency Index. Society of Biological Psychiatry Annual meeting, New York, NY.

^Tang, L., Miller Rigoli, C., Patel, I., Adapa, N., Yu, Q., **Ofen, N.** (2014). Developmental differences in the anterior and posterior medial temporal lobe during memory formation. Organization for Human Brain Mapping Annual Meeting, Hamburg, Germany.

- ^Daugherty, A.M., Bender, A.R., Tang, L., Raz, N., **Ofen, N.** (2014). Differential age-related decrease in hippocampal subfield volume from childhood to late adulthood. Organization for Human Brain Mapping Annual Meeting, Hamburg, Germany.
- ^Mohl, B., Goradia, D., White, R., Rajan, U., Khatib, D., Zajac-Benitez, C., Casey, J., Diwadkar, V.A., **Ofen, N.**, Stanley, J.A. (2014). Altered word recognition in ADHD boys with a comorbid Reading Disability: A preliminary fMRI study. Organization for Human Brain Mapping Annual Meeting, Hamburg, Germany.
- ^Peters, B.N., Heitzer, A., Piercy, J., **Ofen, N.**, Batton, D. Raz, S. (2014). Sex differences in language skills in very preterm born three-year olds. International Neuropsychological Society Meeting, Seattle, WA.
- Ofen N.**, Daugherty, A.M. (2013). Hippocampal head and body volumes are related to hippocampal subfield volumes. Society for Neuroscience Meeting, San Diego, CA.
- ^Daugherty, A.M., **Ofen N.** (2013). Developmental differences in hippocampal dentate gyrus account for improvement in associative memory. Society for Neuroscience Meeting, San Diego, CA.
- ^Marusak, H.A., Stoltman, J.K., Serota, R., Diwadkar, V.A., **Ofen, N.** (2013). Top-down control mediating the successful memory retrieval across development. Organization for Human Brain Mapping Annual Meeting, Seattle, WA. (*OHBM Travel Award*)
- \***Ofen, N.** (2013). Memory systems in development, risk and disease: A case-study for R-DoC applications in the schizophrenia diathesis. Symposium Chair and Presenter, Society of Biological Psychiatry Annual meeting, San Francisco, CA.
- \***Ofen, N.**, Chai, X.J., Gabrieli, J.D.E. (2013). Neural correlates of the development of recollection and its relation to strategy use. Symposium Chair and Presenter Paper Symposium, Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- \***Ofen, N.** (2013). Development of Memory Flexibility and Plasticity: Brain-Behavior Relations. Discussant, Biennial Meeting of the Society for Research in Child Development, Seattle, WA.
- Ofen, N.**, Chai, X.J., Mietzsch, C., Gabrieli, J.D.E. (2011). Neurocognitive development of detailed memory formation. Society for Neuroscience Meeting, Washington, DC.
- Chai, X.J., **Ofen, N.**, Mietzsch, C., Gutierrez, E., Gabrieli, J.D.E., Whitfield-Gabrieli, S. (2011). Increased anticorrelation between the default mode and task-positive network regions during development. Society for Neuroscience Meeting, Washington, DC.
- \***Ofen, N.** (2011). The development of memory systems in the human brain. Invited Symposia, Cognitive Development Society Biennial Meeting, Philadelphia, PA
- Chai, X., **Ofen, N.**, Gutierrez, E., Ghosh, S., Gabrieli, J.D.E (2011). White matter maturation in prefrontal cortex contributes to the development of declarative memory, Organization for Human Brain Mapping Annual Meeting, Quebec, Canada
- ^Martin, R.E., Chai, X.J., Patel, S., Morin, K.M., Gabrieli, J.D.E. **Ofen, N.** (2011). Relationships between development, cortical thickness, and memory. Cognitive Neuroscience Society Meeting, San Francisco, CA.
- \***Ofen, N.**, Chai, X.J., Gabrieli, J.D.E. (2011). The development of brain systems supporting objective and subjective for declarative memory. Paper Symposium, Chair and Presenter, Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.

## Teaching

---

### Wayne State University, Detroit, MI

PSY-1010: Introduction to Psychology ( <i>Lecturer, Undergraduate, 255 students</i> )	Winter 2016
PSY-8050: Cognitive Neuroscience ( <i>Lecturer, Graduate, 20 students</i> )	Fall 2012, Fall 2014
PYC-7515: Imaging, Neurodevelopment and Psychiatric Disorders ( <i>Instructor, Graduate</i> )	Winter 2012
PYC-7140: Fundamentals of Neuroimaging ( <i>Instructor, Graduate</i> )	Winter 2012 – 2016
PSY-5040: Cognitive Neuroscience ( <i>Guest Lectures, Undergraduate</i> )	Winter 2014 – 2016
PSY-3050: Cognitive Psychology ( <i>Guest Lectures, Undergraduate</i> )	Fall 2013

BME-7720: Magnetic Resonance Imaging of Neurovascular Disease ( <i>Guest Lectures, Graduate</i> )	Fall 2015
OT-3400: Health Conditions ( <i>Guest Lecture, Graduate</i> )	Winter 2015
PYC-7890: Research Seminar ( <i>Instructor, Graduate</i> )	Winter 2013, Fall 2014
<b>Northeastern University</b> , Department of Psychology, Boston, MA	
PSYC-4366: Cognition ( <i>Lecturer, Undergraduate, 75 students</i> )	Spring 2010
<b>Harvard University</b> , Faculty of Arts and Sciences, Cambridge, MA	
Neurobiology130: Drugs and the Brain ( <i>Teaching Fellow, w/Steven Hyman, Undergraduate</i> )	Fall 2008
<b>Massachusetts Institute of Technology</b> , Department of Brain and Cognitive Sciences, Cambridge, MA	
9.00: Introduction to Psychology ( <i>Guest Lectures, Undergraduate</i> )	Spring 2006, 2008
<b>Open University Israel</b> , Ascolot, Tel Aviv, Israel	
Selected Topics in Brain Research ( <i>Lecturer, Continued Education</i> )	Fall, Spring 1999 – 2002
Advances in Brain Research ( <i>Lecturer, Continued Education</i> )	Spring 2000 – 2002
<b>Weizmann Institute of Science</b> , Rehovot, Israel	
Neurobiology of Memory ( <i>Guest Lecture, Graduate</i> )	Spring 2002
Youth Science Section, Brain Research ( <i>Lecturer, AP level</i> )	1999 – 2003
Neurophysiology: Intact animal electrophysiology ( <i>Lab Instructor, Graduate</i> )	Summer 1998
<b>University of Haifa</b> , Psychology and Interdisciplinary Honors Program, Haifa, Israel	
Physiological Basis of Behavior, Philosophy of Science ( <i>Teaching Assistant, Undergraduate</i> )	1994, 1995

## Mentoring

---

### *Postdoctoral-level:*

1. Andrea Shafer, PhD, Alberta University (Winter 2015 –)
  2. David Chen, PhD, U Missouri-Columbia, Lab manager (Fall 2014 –)
  3. Mayu Nishimura, PhD, McMaster (Winter 2013 – Spring 2015)
  4. Rebecca Schwarzlose, PhD, MIT (Summer 2013 – Summer 2014)
- Current position: Editor, Trends in Cognitive Sciences*

### *Graduate Level*

#### *Primary Mentor:*

1. Lingfei Tang – Psychology: Cognitive, Development, Social (Fall 2013 –)
2. Qijing Yu – Psychology: Behavioral Cognitive Neuroscience (Fall 2013 –)
3. Dana Anderson – Psychology: Clinical (Fall 2013 –)
4. Jonatha Nathan, MSc – WSU School of Medicine: Basic Medical Sciences (Fall 2011 – Summer 2013)  
*'Effects of Preterm Birth on the Thalamus - Implications in Memory and Cognitive Development'*

#### *Additional Mentoring and Training of Graduate Level Students – PhD, MSc Programs:*

1. Jamie Piercy – Psychology: Clinical (Collaborative project; Winter 2014 –)
2. Andrew Heitzner – Psychology: Clinical (Collaborative project; Winter 2014 –)
3. Chaitali Anand – Translational Neuroscience Program (Rotation; Summer 2015)
4. Ana Daugherty, PhD – Psychology: Behavioral Cognitive Neuroscience (Fall 2012 – Spring 2014)
5. Margaret Ruth Crabtree (Collaborative project; Summer 2014 – Summer 2015)
6. Catherine O'Leary – Psychology U Cape Town (Collaborative project; Summer 2013)
7. Hilary Marusak – Translational Neuroscience Program (Rotation; Fall 2012)

#### *Mentoring by Serving on Thesis Committee:*

1. Muzamil Arshad, PhD Candidate, Translational Neuroscience Program (IOG Mentoring Committee)
2. Diane Sobecki-Ryniak, PhD Candidate, College of Nursing (Qualifying, Thesis Proposal)
3. Klodia Hermez, MSc – Basic Medical Sciences (Graduated 2015)
4. Ana Daugherty, PhD – Psychology: Behavioral Cognitive Neuroscience (Graduated 2015)

5. Brianne Mohl – Translational Neuroscience Program (Graduated 2015)
6. Andrew Bender, PhD – Psychology: Behavioral Cognitive Neuroscience (Graduated 2014)
7. Peng Yuan, PhD – Psychology: Behavioral Cognitive Neuroscience (Graduated 2013)
8. Yiqin Yang, PhD – Psychology: Behavioral Cognitive Neuroscience (Graduated 2013)

***Undergraduate Level:***

1. Mo Malik, WSU (Fall 2015 –)
2. Sanaya Irani, WSU (Fall 2015 –)
3. Siri Sarvepalli, WSU (Fall 2015 –)
4. Sruthi Ramesh, WSU (Fall 2015 –)
5. Ahmad Khasawneh, WSU (Fall 2015 –)
6. Sydney Howard, WSU (Summer 2015 –)
7. Justin Robinson, WSU (Winter 2015 –)
8. Mahnoor Ahsan, WSU (Winter 2015 –) Poster presentation (2015)
9. Priya Sam, WSU (Fall 2013 –) Poster Award Recipient 2014, 2015
10. Ishan Patel, WSU (Winter 2013 –) National Undergraduate Research Poster Presenter
11. Nikhil Adapa, WSU (Winter 2012 –) Summer Research Undergrad Experience Award (2013)
12. Zachary Popovich, Kalamazoo College (Summer 2015) Summer Research Undergrad Experience Award
13. William Hollister Angell, WSU (Summer 2014 – Summer 2015) Poster presentation (2014, 2015)
14. Sadia Ghazi, WSU (Summer 2013 – Winter 2015) Directed Studies, Psychology Honors Thesis (2015)
15. Robert Flinn, WSU (Fall 2012 – Winter 2015) Poster Award Recipient (2013)
16. Ryan Abbot, WSU (Fall 2012 – Fall 2014) UROP Award Recipient 2014
17. Ioana Grosu, Johns Hopkins University (Summer Internship 2014)
18. Kristine Jones, WSU (Winter 2014) Psychology Honors Directed Studies
19. William Lacey, WSU (Fall 2012 – Winter 2014)

*Current PhD student, Clinical Psychology Program at U. of Texas - San Antonio*

20. Kirtan Desai, WSU (SURE: Summer Research Undergrad Experience Award 2013)
21. Katy Gwizdala, Michigan State University (Summer Internship 2013)
22. Arvin Madan, Michigan State University (Summer Internship 2013)
23. David Brush, Cedarville University (Summer Internship 2013)
24. Raagini Suresh, WSU (Fall 2012 – Winter 2013)
25. Yash Perakash, WSU (Winter 2012)
26. Komal Patel, WSU (Winter 2012)
27. Tanvee Jain, WSU (Winter 2012)
28. Sanpreet Singh, WSU (Winter 2012)
29. Ana Tupac-Yupanqui, Exchange Student Germany (Fall 2012) Directed Study

*Current PhD student, Maximilian University, Munich, Germany*

***Additional Mentoring and Training of Employees and Volunteers:***

1. Ryan Liddane, Volunteer (Summer 2015 –)
  2. Daniel Schoff, Volunteer (Summer 2015 –)
  3. Vitaliy Galler, Volunteer (Summer 2013 –)
  4. David Brush, Lab coordinator (Winter 2014 – Summer 2015)
- Current PhD student, Clinical Psychology Program, U. Southern Florida*
5. Carson Miller Rigoli, Lab Manager (Summer 2013 – Summer 2014)
- Current PhD student, Cognitive Science Program at UC San Diego*
6. Hiten Patel, Summer Volunteer, University of Toledo College of Medicine (Summer Internship 2014)
  7. Abhinav Katti – WSU School of Medicine: Basic Medical Sciences (Winter 2014 – Fall 2014) (SURP)
  8. Melanie Viereck, Volunteer (Fall 2013 – Summer 2014)
  9. Moriya Aviv, Lab Coordinator (Summer 2013 – Fall 2013)
  10. Jonathan Stoltman (Fall 2012 – Winter 2013)
  11. Amanda Hardwick, Lab Coordinator (Summer 2012 – Summer 2013)

*Current PhD student, Social Work PhD Psychology Program, U. Central Florida*

12. Raphael Serota, Lab Manager (Fall 2011 – Winter 2013)

**High School Volunteer:**

1. Aditi Mahajan (Summer 2014, Summer 2015)
2. Matthew Lee (Summer 2015)

**Prior to appointment at WSU (partial list):**

Karen Schuil, Master's Thesis, Leiden University, Netherlands <i>'The effects of development on the shape of the hemodynamic response function'</i> <i>Current PhD student, Psychology, Erasmus University, The Netherlands</i>	2007 – 2008
Christiane Mietzsch, Bachelor's Thesis, Osnabrück, Germany <i>'Signal detection and dual process models of recognition memory'</i>	2009 – 2010
Elizabeth Gutierrez, MIT Summer Research Program, MIT Graduate Student	Summer 2010 – 2011
Rebecca Martin, Research Assistant, MIT <i>Current PhD student, Psychology, Columbia University</i>	2009 – 2011
Kristen Morin, Visiting Undergraduate Research Assistant, Northeastern University	Summer 2010 – 2011
Sunil Patel, Visiting Undergraduate Research Assistant, Northeastern University	Summer 2010, 2011
Kristina Chambers, Visiting Student, Dartmouth College, NH	Fall 2009
Elizabeth Counterman, MIT Summer Research Program, Psychology at Mt. Holyoke <i>Current PhD student, Neuroscience, UC Berkeley</i>	Summer 2009
Ayesha Hameed, Undergraduate Research Project, Lab Course, MIT	2008 – 2009
Tania Abedian, Visiting Undergraduate Student, RPI	Summer 2008
Boris Volfson, Visiting Undergraduate Student, McGill University, Canada	Summer 2007
Natalie Rubinstein, Undergraduate Summer Projects, Biology Lab Course, MIT	2006 – 2007
Heesoo Kim, Research Assistant, MIT <i>Current PhD student, Neuroscience, UC Berkeley</i>	2005 – 2006
Undergraduate Research Opportunity Project (UROP), MIT (six students)	2005 – 2008

**Invited Talks**

---

Scheduled 03/2016: Cognitive Science Program Colloquium series, University of Arizona, Tucson, AZ  
Scheduled 03/2016: Developmental Colloquium series, Ohio State University, Columbus, OH  
10/2015: Cognitive Development Society Preconference on Early development, conceptual change, and continuity: Insights from cognitive neuroscience, Columbus, OH  
09/25/2015: fMRI Seminar, University of Michigan, Ann Arbor, MI  
04/2015: Stanford Cognitive & Systems Neuroscience Seminar, Stanford University, Stanford, CA  
03/2015: Society for Research in Child Development Symposium Speaker, Philadelphia, PA  
02/2015: PRB Developmental Cognitive Neuroscience Colloquia Wayne State University, Detroit, MI  
07/2014: Symposia speaker, International Neuropsychological Society Meeting, Jerusalem, Israel  
06/2014: Workshop leader, American Academy Clinical Neuropsychologists Meeting, New York, NY  
12/2013: Grand Rounds Department of Pediatrics, Wayne State University, Detroit, MI  
10/2013: Professional Development Seminar, Wayne State University, Detroit, MI  
10/2013: Colloquium Speaker Center for Vital Longevity at UT Dallas, Dallas, TX  
05/2013: NeuroLens Seminar, University of California San Francisco, San Francisco, CA  
05/2013: Society of Biological Psychiatry (Symposium Chair, Speaker), San Francisco, CA  
04/2013: Society for Research in Child Development (Symposium Chair, Speaker), Seattle WA  
04/2013: Society for Research in Child Development (Symposium Discussant), Seattle WA  
02/2013: fMRI special lecturer series, University of Michigan, Ann Arbor, MI  
01/2013: Department of Engineering, Wayne State University, Detroit, MI  
05/2012: Max Plank Institute for Human Development, Berlin, Germany  
04/2012: Institute of Environmental Health Sciences Seminar, Wayne State University, Detroit, MI  
03/2012: Grand Rounds Department of Pediatrics, Wayne State University, Detroit, MI

01/2012: The Center for Human Growth and Development Colloquium, University of Michigan, Ann Arbor, MI  
01/2012: Psychology Department Colloquium, Michigan State University, East Lansing, MI  
12/2011: Translational Neuroscience Program Seminar, Wayne State University, Detroit, MI  
10/2011: Invite Speaker, Baltus International Conference, Detroit, MI  
10/2011: Invited Symposia Speaker, Cognitive Development Society's 7<sup>th</sup> Biennial Meeting, Philadelphia, PA  
10/2011: Psychology Department Colloquium, Wayne State University, Detroit, MI  
04/2011: Society for Research in Child Development (Symposium Chair, Speaker), Montreal, Canada  
05/2011: Greater Boston Cognitive Development Workshop, Brandeis University, Waltham, MA  
08/2010: Language & Cognition Summer Series, Psychology Department, Northeastern University, Boston, MA  
06/2010: Psychobiology & Neuropsychology Seminar, Psychology Department, Haifa University, Haifa, Israel  
06/2010: The New School of Psychology, Inter Disciplinary Center IDC, Herzliya, Israel  
05/2010: Cognitive Neuroscience Colloquium, Albert Einstein School of Medicine, NY  
04/2010: Merrill Palmer Skillman Institute / Institute of Gerontology, Wayne State University, MI  
03/2010: Golby Laboratory Seminar, Brigham and Women Hospital, Harvard Medical School, Boston, MA  
12/2009: Brain and Cognitive Sciences Departmental Seminar (CogLunch), MIT, Cambridge, MA  
07/2009: Conference on Neurocognitive Development, UC Berkeley, CA  
06/2009: Donders Institute, Nijmegen, Netherlands  
04/2009: Psychology Department Colloquium, Hebrew University of Jerusalem, Jerusalem, Israel  
03/2009: Brandeis University, Waltham, MA  
01/2009: Vision Seminar, Psychology Department, Stanford University, Stanford, CA  
12/2008: Cognitive & Affective Neuroscience Lab, MIT, Cambridge, MA  
01/2008: Laboratories of Cognitive Neuroscience at Children's Hospital, Boston, MA  
09/2007: Cognitive & Affective Neuroscience Lab, MIT, Cambridge, MA  
05/2007: Cognitive & Affective Neuroscience Lab, MIT, Cambridge, MA  
11/2006: Charles River Association for Memory Annual Meeting, MIT, Cambridge, MA  
05/2006: Martinos SCAN Seminar, MGH, Charlestown, MA  
02/2006: Brain and Cognitive Sciences Departmental Seminar (CogLunch), MIT, Cambridge, MA  
01/2006: Cognitive Neuroscience Laboratories (Prof. Suzanne Corkin), MIT, Cambridge, MA  
01/2006: Charles River Association for Memory (CRAM) Inaugural Meeting, MIT, Cambridge, MA  
07/2005: Detecting Deception meeting held at University of Wisconsin-Madison, WI  
05/2005: Stanford Psychology Department Cognitive Seminar (FriSem), Stanford University, Stanford, CA

## **Professional Service in National and International Organizations**

---

### ***Grant Review:***

*Panelist*, National Science Foundation (NSF)

*Ad Hoc Reviewer*, National Science Foundation (NSF)

*Ad Hoc Reviewer*, Netherlands Organisation for Scientific Research (NWO)

*Ad Hoc Reviewer*, National Institute for Psychobiology in Israel

### ***Journal Editorial and Review:***

*Review Editor*, Frontiers in Cognitive Sciences

*Ad-hoc Reviewer*, Journals listed alphabetically (~25 assignments per year)

Behavioral Neuroscience; Brain and Cognition; Cerebral Cortex; Child Development; Cognitive Development; Developmental Cognitive Neuroscience; Developmental Psychology; Developmental Science; Frontiers in Psychology; Human Brain Mapping; Journal of Clinical and Experimental Neuropsychology; Journal of Cognitive Neuroscience; Journal of Experimental Child Development; Journal of the International Neuropsychological Society; Journal of the Neurological Sciences; Journal of Neuroscience; NeuroImage; Neuron; Neuropsychologia; Neuroreport; Neuroscience and Biobehavioral Reviews; PLOS One; Psychology and Aging; Social Neuroscience; Trends in Cognitive Sciences; Visual Cognition; Wiley Interdisciplinary Reviews: Cognitive Science.



### **Scientific Program Review:**

*Abstract Reviewer*, Organization for Human Brain Mapping (OHBM) annual meeting (2008 – 2015)

*Program Reviewer*, Society for Research in Child Development (SRCD) Biannual Meeting (2010, 2012, 2014)

*Program Reviewer*, Cognitive Development Society (CDS) Biannual Meeting (2015)

*Invited Cahir*, Learning and Memory Oral Session (OHBM) annual meeting (2014)

### **Research Support**

---

#### **Pending:**

R01 MH-107512-01 04/01/16–03/31/21

*'Development of memory networks in children'*

Resubmission in July 2015; Impact Score: 20, Percentile: 4%

Role: PI; Total requested: \$1,938,565

#### **Ongoing:**

Faculty Competition for Postdoctoral Fellows Award, Wayne State University 01/01/15–01/01/17

*'Neural Correlates of Age-Related Differences in Memory: A Life-Span Approach'*

This award support a collaborative project between the PI and Dr. Raz N. (WSU Psychology)

Role: PI (with Raz N. Co-PI); Total awarded including matching funds: \$120,000

#### **Completed:**

University Research Grant, Wayne State University 06/15/14–08/01/14

*'Cognitive and Brain Development in Preterm Born Children'*

This award enabled the initiation of collaborative project between the PI and Dr. Raz S. (WSU Psychology)

Role: PI; Awarded: \$10,000

Faculty Competition for Graduate Student Award, Wayne State University 08/18/12–08/15/13

*'Neural Correlates and Modifiers of Age-Related Differences in Memory: A Life-Span Approach'*

This award enabled the initiation of collaborative project between the PI and Dr. Raz N. (WSU Psychology)

Role: PI (with Raz N. Co-PI); Awarded: \$40,000

R01 MH-080344-02 07/01/08–06/30/13

*'Development of Declarative Memory in the Human Brain'*

Role: Co-I (Gabrieli JDE, PI); Total awarded: \$1,865,250

### **Outreach Activities**

---

Go-GIRL, WSU program, workshop organizer 'your brain on STEM'	2015 –
Community events (e.g., Brain Day, Future Docs) at multiple locations in metro Detroit	2013 –
Outreach Committee, MIT, Department of Brain and cognitive Sciences	2008 – 2011
Lecturer, "Bashaar", Academic Community for the Israeli Society	2001 – 2003
Principal, "Chase Summer Camp for Science, Music and Art", Weizmann Institute of Science	1998 – 2003
Lecturer, Youth Activity Section, Weizmann Institute of Science	1999 – 2003