

# Miren Edelstein

May 2015

## Address

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## Education

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- Ph.D.** Experimental Psychology, University of California San Diego, expected 2016  
*Advisors:* Dr. Vilayanur S. Ramachandran and Dr. Diana Deutsch
- M.A.** Experimental Psychology, University of California San Diego, December 2012  
*Thesis:* A preliminary examination of misophonia via galvanic skin response  
*Advisor:* Dr. Vilayanur S. Ramachandran
- B.A.** Psychology, minor in Music, University of California Berkeley, May 2011  
*Honors Thesis:* Examining absolute and relative pitch as automatic processes via auditory-visual Stroop test  
*Advisor:* Dr. Frederic Theunissen

## Research Interests

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Music cognition, absolute pitch, synesthesia, auditory processing, multi-modal processing, misophonia

## Publications

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- Edelstein M, Brang D, Rouw R, Ramachandran VS (2013)** Misophonia: physiological investigations and case descriptions. *Frontiers in Human Neuroscience*. 7, 296
- Edelstein M (2011)**. Examining absolute and relative pitch as automatic processes via auditory-visual Stroop test. *Yale Review of Undergraduate Research in Society*.

## Honors and Awards

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- October 2014. Invited speaker at the International Society for Neurofeedback & Research (ISNR) Conference in San Diego, CA
- May 2013. Invited musical performer at TEDxUCSD: Innovation & Tradition
- November 2012, 2014. Norman Anderson Departmental Travel Award
- April 2012. Sigma Xi Grants-in-Aid of Research Award
- February 2012. Norman Anderson Departmental Research Award
- November 2011. Society for Neuroscience Undergraduate Student Travel Award
- May 2011. B.A. awarded with Departmental Honors in Psychology, University of California, Berkeley
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## Invited Talks and Panels

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Invited Speaker: “Music and the Brain” (October 3<sup>rd</sup>, 2013). PSYC138 – Sound and Music Perception, University of California, San Diego

Invited Speaker: “An introduction to misophonia: case reports and physiological findings” (October 16<sup>th</sup>, 2014). International Society for Neurofeedback & Research Conference, San Diego, CA.

Invited Panelist: “From Fragile to Plastique: Confronting the Culture of Music and Affect” (April 10<sup>th</sup>, 2015). UCSD Music Department SpringFest.

## Media and Press

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*Print Articles and Scientific Blog Posts:*

Statistically Significant Science, July 2013:

<http://statisticallysignificantscience.wordpress.com/2013/07/30/misophonia-and-me/>

KPBS, August 2013:

<http://www.kpbs.org/news/2013/aug/21/why-does-sound-chewing-make-some-people-panic>

Emilie Reas, August 2013:

<http://emiliereas.com/2013/08/01/misophonia-common-sounds-are-all-the-rage/>

Frontiers, January 2014:

[http://www.frontiersin.org/blog/Top\\_10\\_most\\_viewed\\_Neuroscience\\_research\\_articles\\_in\\_2013/583](http://www.frontiersin.org/blog/Top_10_most_viewed_Neuroscience_research_articles_in_2013/583)

Science of Eating Disorders, January 2014:

<http://www.scienceofeds.org/2014/01/18/enraged-by-sounds-misophonia-in-eating-disorder-patients-clinicians-listen-up/>

Leiden University, January 2014:

<http://www.leidenpsychologyblog.nl/articles/misophonia-when-the-sound-of-slurping-drives-you-crazy>

Audiology Today, July / August 2014:

[http://www.audiology.org/resources/audiologytoday/Documents/2014\\_07-08/misophonia.pdf](http://www.audiology.org/resources/audiologytoday/Documents/2014_07-08/misophonia.pdf)

Buzzfeed, August 2014

<http://www.buzzfeed.com/danieldalton/make-it-stop>

York University, November 2014

<http://trauma.blog.yorku.ca/2014/11/patients-with-misophonia-require-help-and-understanding/>

Washington Post, December 2014

[http://www.washingtonpost.com/national/health-science/misophonia-is-a-newly-identified-condition-for-people-hypersensitive-to-sound/2014/12/01/7c392782-69ba-11e4-a31c-77759fc1eacc\\_story.html](http://www.washingtonpost.com/national/health-science/misophonia-is-a-newly-identified-condition-for-people-hypersensitive-to-sound/2014/12/01/7c392782-69ba-11e4-a31c-77759fc1eacc_story.html)

Huffington Post, March 2015

[http://www.huffingtonpost.com/bonni-brodnick/misophonia\\_b\\_6932248.html?ncid=tweetlnkushpmg00000033](http://www.huffingtonpost.com/bonni-brodnick/misophonia_b_6932248.html?ncid=tweetlnkushpmg00000033)

[http://www.huffingtonpost.it/2015/03/02/misofonia-non-sopportare-rumori\\_n\\_6781728.html](http://www.huffingtonpost.it/2015/03/02/misofonia-non-sopportare-rumori_n_6781728.html)

*Radio/Audio:*

KPBS Morning Edition, August 2013

<http://www.kpbs.org/audioclips/19283/>

Freewheelin' with Meredith Ochs & Chris T., September 2014:

<http://www.siriusxm.com/roaddogtrucking>

Moncrieff with Sean Moncrieff, December 2014

*Television:*

KPBS Evening Edition, August 2013:

<http://www.youtube.com/watch?v=sxd79df4tag>

## Conference Abstracts

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**Edelstein M, de Heer W, Theunissen F** (November, 2011). Examining absolute and relative pitch as automatic processes via auditory-visual Stroop test. Society for Neuroscience, Washington D.C.

**Edelstein M, de Heer W, Theunissen F** (May, 2011). Examining absolute and relative pitch as automatic processes via auditory-visual Stroop test. Berkeley Psychology Undergraduate Research Conference, Berkeley, CA

**Edelstein M, de Heer W, Theunissen F** (April, 2011). Examining absolute and relative pitch as automatic processes via auditory-visual Stroop test. California Cognitive Science Conference, Berkeley, CA

**Edelstein M, Brang D, Ramachandran VS** (October, 2012). Sensory modulation in misophonia. Society for Neuroscience, New Orleans, LA

## Teaching Experience

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Teaching Assistant, Department of Psychology, UCSD

Cognitive Foundations:

WI 2012 (Lecture: Source Monitoring & Eyewitness Testimony)

Behavioral Foundations:

SU 2013 (Lecture: Classical Conditioning),

FA 2013 (Lecture: Biology of Learning and Memory)

Sensation and Perception:

SU 2012 (Lecture: Hearing & Audition)

SP 2013 (Lecture: Chemical Senses)

Brain Damage and Mental Functions:

SU 2012

SU 2013 (Lecture: Techniques in Cognitive Neuroscience)

Intro to Social Psychology:

FA 2012 (Lecture: Social Psychology and Law)

SP 2014 (Lecture: Psychology & Health)

Clinical Neuropsychology and Assessment:

WI 2013 (Lecture: Cerebrovascular Disorders)

Abnormal Psychology:

FA 2013 (Lecture: Addiction)  
Physiological Psychology:  
WI 2014 (Lecture: Auditory System)  
SU 2014  
Intro to Cognitive Psychology:  
SU2014  
Psychology of Sleep:  
SU2014  
Illusions and the Brain:  
FA 2014 (Lecture: Hallucinations)  
Intro to Clinical Psychology  
WI 2015 (Lecture: Hallucinations & Psychotic Disorders)

Research Mentor, Department of Psychology, UCSD  
1 undergraduate research assistant

Relevant Courses:

Completed "The College Classroom," a 15-hour, seminar-style course which, following the mission and goals of the Center for the Integration of Research, Teaching and Learning (CIRTL) Network, prepares graduate students and postdocs at the CIRTL Associate level\* for a positive teaching experience as a future faculty member by developing their expertise in evidence-based teaching practices that support student learning. \*see [www.cirtl.net/associate](http://www.cirtl.net/associate)

## Professional Experience

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*September 2011 – Present*

Graduate Student. Center for Brain and Cognition (Dr. Vilayanur Ramachandran and Dr. Diana Deutsch), Department of Psychology, University of California San Diego

*January 2010 – May 2011*

Research Assistant. Cognitive Neuropsychology Lab (Dr. Lynn Robertson), Department of Psychology, University of California Berkeley

*February 2010 – June 2010*

Research Apprentice. Undergraduate Research Apprentice Program (Dr. Laura Kray), Haas School of Business, University of California Berkeley

*August 2009 – June 2010*

Research Assistant. Relationships and Social Cognition Lab (Dr. Serena Chen), Department of Psychology, University of California Berkeley

## Academic Service

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*September 2013 – Present*

UCSD Graduate Student Association (GSA) Representative. Department of Psychology, University of California, San Diego.

*September 2012 – Present*

Graduate Student Representative. Department of Psychology Diversity Committee, University of California, San Diego

- Organized and facilitated biannual graduate school panels for undergraduates interested in attending psychology graduate programs.

*September 2012 – June 2013*

Graduate Student Representative. Department of Psychology Colloquium Committee, University of California, San Diego

*January 2011 – May 2011*

Secretary. Psi Chi, University of California Berkeley Chapter

## **Workshops Attended**

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July 2014. "Pitch, Music and Associated Pathologies" – Lyon, France

## **Ad-hoc Reviewer**

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*Neuropsychiatry (Future Medicine)*

*Clinical Case Studies*

## **Professional Societies**

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Psi Chi (2010 - Present)

Sigma Xi (2011 - Present)

American Psychological Association (2010 - Present)

Society for Neuroscience (2010 - Present)