

## LINDA HELENE MOYA

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### EDUCATION

2006-2011 Ph.D. (Dissertation Defense: February 28, 2011), Psychology (Cognitive Neuroscience track), *Department of Psychology* and *The Center for the Neural Basis of Cognition*, Carnegie Mellon University. Advisor: Dr. Marlene Behrmann. Dissertation title: "The Microgenesis of Object-based vis-à-vis Space-based Visual Attention"

2001-2006 M. Phil., Public Policy and Management, *H. John Heinz III School of Public Policy and Management*, Carnegie Mellon University. Advisor: Dr. Linda Babcock.

1991-1992 M.S., Industrial Engineering, Stanford University.

1979-1983 B.S.E., Electrical Engineering and Computer Science, Princeton University.

### FELLOWSHIPS AND AWARDS

National Science Foundation (December, 2009): Sole grant award recipient representing NSF's Temporal Dynamics of Learning Center (TDLC) at the NSF Science of Learning Center's MEG workshop in Helsinki, Finland, organized by Dr. Patricia Kuhl, University of Washington. Award also covered attending the 2009 Learning Mind and Brain Conference in Helsinki

National Institute of Mental Health (Summer, 2009): Scholarship recipient and participant in the UC Davis ERP Bootcamp consisting of intensive instruction on ERP methods, organized by Dr. Steve Luck, University of California, Davis

National Institute of Health (2007-2009): *Pre-Doctoral Fellow in Multimodal NeuroImaging Training* pursuant to a PhD dissertation in multiple neuroimaging modalities

National Institute of Mental Health (2007): *Pre-doctoral training grant in Combined Computational and Behavioral Approaches to Cognition*

National Science Foundation (2006): 1-semester mini-IGERT *Integrative Graduate Education Training* to study fMRI methods with Dr. Mark Wheeler, University of Pittsburgh

### PUBLICATIONS

**Moya, L.**, Shomstein, S., Bagic, A., and Behrmann, M. "The microgenesis of object-based vis-à-vis space-based visual attention" (in preparation).

**Moya, L.** "The Microgenesis of Object-based vis-à-vis Space-based Visual Attention", Ph.D. thesis, Department of Psychology, Carnegie Mellon University, 2011.

Behrmann, M., Thomas, C.P., **Moya, L.**, Avidan, G., Humphreys, K., Jung, K., and Peterson, M. (2008). "Reduction in white matter connectivity, revealed by DTI, may account for age-related changes in face perception", *Journal of Cognitive Neuroscience*, 20(2):268-284.

## **PRESENTATIONS**

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The microgenesis of object-based vis-à-vis space-based visual attention". 2011 Cognitive Neuroscience Society 18<sup>th</sup> Annual Meeting, April 4, San Francisco, CA (Talk, forthcoming)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The microgenesis of object-based vis-à-vis space-based visual attention". 2010 Society for Neuroscience Annual Meeting, November 14, San Diego, CA (Talk)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The time course of neural activity in object-based visual attention". 2008 Neural Computation Interest Group Poster Session, December 15, Pittsburgh, PA (Poster)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The time course of neural activity in object-based visual attention". 2008 Society for Neuroscience Annual Meeting, November 19, Washington, D.C. (Talk)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The time course of neural activity in object-based visual attention". 2008 Object Perception, Attention, and Memory Annual Conference, November 13, Chicago, IL (Poster)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The time course of neural activity in object-based visual attention". 2008 Vision Sciences Society 8<sup>th</sup> Annual Meeting, May 11, Naples, FL (Poster)

**Moya, L.,** Shomstein, S., Bagic, A., and Behrmann, M. "The time course of neural activity in object-based visual attention". 2008 Inter-Science of Learning Center (iSLC) 1<sup>st</sup> Annual Student and Post-Doc Conference, February 19, Pittsburgh, PA (Poster)

**Moya, L.,** Fiez J., and Wheeler, M. "Phonological maintenance of heard versus seen words: Modality matters". 2007 Society for Neuroscience Annual Meeting, November 7, San Diego, CA (Talk)

**Moya, L.,** Fiez J., and Wheeler, M. "Phonological maintenance of heard versus seen words: Modality matters". 2007 Integrative Graduate Education Training (IGERT) Research Symposium, June 23, Pittsburgh, PA (Talk)

**Moya, L.,** "Social preferences for negotiated outcomes". 2003 International Meeting of the Economic Science Association, June 20, Pittsburgh, PA (Talk)

## **PROFESSIONAL ACTIVITIES**

Coordinator 2009-2010: Graduate Student Seminar Series, Center for the Neural Basis of Cognition (CNBC), Carnegie Mellon University

Member: Society for Neuroscience, Cognitive Neuroscience Society, American Psychological Association

Local Arrangements Chair: 2004 Meeting of the International Association for Conflict Management, Pittsburgh, PA

Discussant: 2003 International Meeting of the Economic Science Association, Pittsburgh, PA

## TEACHING EXPERIENCE

2006-2007 *Teaching Assistant*, Carnegie Mellon University (undergraduate courses)  
Cognitive Psychology with Dr. Amy Criss; Research Methods in Cognitive Psychology with Dr. Lynne Reder;  
Research Methods in Cognitive Psychology with Gayle Dow

2003 *Teacher/Instructor*, Carnegie Mellon University, Negotiation (Masters level course)

2001-2003 *Teaching Assistant*, Carnegie Mellon University (Masters level courses)  
Negotiation and Advanced Negotiations, with Drs. Linda Babcock and Laurie Weingart

## EMPLOYMENT

Carnegie Mellon University, Pittsburgh, PA. Graduate Research Assistant (2006-present), Research Assistant (2005-2006), Cognitive Neuroscience Laboratory of Dr. Marlene Behrmann

Eizel Technologies, Pittsburgh, PA. Co-Founder (2000), wireless startup sold to Nokia in 2003

AT&T Corporation, Basking Ridge, NJ and Pittsburgh, PA. Operations Center Director (1998-1999), District Manager (1994-1998), Systems Engineer (1990-1994)

Hewlett-Packard, Cupertino, CA. Technical Manager (1988-1990), Product Manager (1986-1988), Software Engineer (1983-1986)

## SKILLS

Imaging Technologies: MEG/ERMF (5 years experience), EEG/ERP, MRI/fMRI

Analysis Tools: MATLAB, Stata, MNE Suite and others

Software and Systems Development: undergraduate major in Electrical Engineering and Computer Science, ten years as a software/systems engineer/technical manager of software engineers

Behavioral Decision Research: negotiations, game theory, general conflict resolution, plus nine years management/supervisory experience

## REFERENCES

Dr. Marlene Behrmann, Professor, Psychology and the Center for the Neural Basis of Cognition, Carnegie Mellon University, [behrmann@cmu.edu](mailto:behrmann@cmu.edu)

Dr. Michael Tarr, Cowan Professor of Cognitive Neuroscience, Co-Director, Center for the Neural Basis of Cognition, Professor of Psychology, [michaeltarr@cmu.edu](mailto:michaeltarr@cmu.edu)

Dr. Carl Olson, Professor, Biological Sciences and the Center for the Neural Basis of Cognition, Carnegie Mellon University, [colson@cnbc.cmu.edu](mailto:colson@cnbc.cmu.edu)

Dr. Linda Babcock, James M. Walton Professor of Economics, Social and Decision Sciences, Carnegie Mellon University, [lb2k@andrew.cmu.edu](mailto:lb2k@andrew.cmu.edu)

Dr. Anto Bagic, Chief Scientific Advisor, MEG Research, *Associate Professor of Neurology*, University of Pittsburgh Medical School, [bagica@upmc.edu](mailto:bagica@upmc.edu)