

**ANDREW D. ENGELL, PH.D.**

Psychology Department, Kenyon College  
 Gambier, OH 43050

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**POSITIONS HELD**


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<i>Assistant Professor of Psychology</i> Kenyon College	2013 – present
<i>Affiliated faculty</i>	
Department of Neuroscience Program in Scientific Computing	
<i>Postdoctoral Fellow</i> Yale University, Advisor: Gregory McCarthy	2011 – 2013
<i>Postdoctoral Associate</i> Yale University, Advisor: Gregory McCarthy	2008 – 2011
<i>Graduate Student</i> Princeton University, Advisor: James V. Haxby	2003 – 2008
<i>Visiting Graduate Student</i> Cambridge University, MRC-CBU, Advisor: Andy Calder	2007 – 2007

**EDUCATION**


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Ph.D. Psychology & Neuroscience	Princeton University	2008
M.A. Psychology & Neuroscience	Princeton University	2005
B.A. Psychology	The College of New Jersey	2001

**TEACHING**


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PSYC 100	Introduction to Psychology F2013, S2014, F2014, S2015, F2015, S2016	Kenyon College
PSYC 110	General Psychology S2016	Kenyon College
PSYC 310/391	Cognitive Neuroscience S2014, F2014, F2015	Kenyon College
PSYC 410/491	Research Methods: Human Neuroscience S2014, S2015, S2016	Kenyon College

*Teaching Assistant at Princeton University: September 2004 – May 2006*

PSY 259 – Introduction to Cognitive Neuroscience (Prof. Sabine Kastner)

PSY 101 – Introduction to Psychology (Prof. Sam Glucksberg)

PSY 259 – Introduction to Cognitive Neuroscience (Prof. Charles Gross)

PSY 101 – Introduction to Psychology (Prof. Elizabeth Gould)

**FUNDING**

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National Research Service Award National Institute of Mental Health	2011 - 2013
Graduate Research Fellowship National Science Foundation	2005 - 2008

**PUBLICATIONS**

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- Engell A.D. and McCarthy G. (2014). Face, eye, and body selective responses in fusiform gyrus and adjacent cortex: an intracranial EEG study. *Frontiers in Human Neuroscience*, 8
- Engell A.D. and McCarthy G. (2014). Repetition suppression of face-selective evoked and induced EEG recorded from human cortex. *Human Brain Mapping*, 35, 4155-4162.
- Shultz S., van den Honert R.N., Engell A.D., and McCarthy G. (2014). Stimulus induced reversal of information flow through a cortical network for animacy perception. *Social Cognitive and Affective Neuroscience*. doi: 10.1093/scan/nsu028
- Engell A.D. and McCarthy G. (2013). Probabilistic atlases for face and biological motion perception: An analysis of their reliability and overlap. *NeuroImage*, 74, 140-151.
- Engell A.D., Huettel S., and McCarthy G. (2012). The fMRI BOLD signal tracks electrophysiological spectral perturbations, not event-related potentials. *NeuroImage*, 59, 2600-2606.
- Nummenmaa, L., Engell A.D., von dem Hagen, E., Henson, R.N., and Calder, A.J. (2012). Autism Spectrum Traits Predict the Neural Response to Eye Gaze in Typical Individuals. *NeuroImage*, 59, 3356-3363.
- Todorov, A., Said, C.P., Oosterhof, N.N., and Engell, A.D. (2011). Task-invariant brain responses to the social value of faces. *Journal of Cognitive Neuroscience*, 23, 2766-2781.
- von dem Hagen, E., Nummenmaa, L., Yu, R., Engell, A.D., Ewbank, M.P. and Calder, A.J. (2011). Autism spectrum traits in the typical population predict structure and function in the posterior superior temporal sulcus. *Cerebral Cortex*. 21, 493-500.
- Engell A.D. and McCarthy G. (2011). The relationship of gamma oscillations and face-specific ERPs recorded subdurally from occipitotemporal cortex. *Cerebral Cortex*, 21, 1213-1221.
- Baron, S., Gobinni, M., Engell, A.D., and Todorov, A. (2010). Amygdala and dorsomedial prefrontal cortex responses to appearance-based and behavior-based person impressions. *Social Cognitive and Affective Neuroscience*. 6, 572-581.
- Engell A.D., Todorov, A., and Haxby J.V. (2010). Common neural mechanisms for the evaluation of facial trustworthiness and emotional expressions as revealed by behavioral adaptation. *Perception*, 39, 931-41.
- Engell, A.D. and McCarthy, G. (2010). Selective attention modulates face-specific induced gamma oscillations recorded from human fusiform gyrus. *Journal of Neuroscience*, 30, 8780-86.
- Engell, A.D., Nummenmaa, L., Henson, R.A., Haxby, J.V. and Calder, A.J. (2010). Differential activation of frontoparietal attention networks by social and symbolic spatial cues. *Social Cognitive and Affective Neuroscience*. 5, 432-440.

- Said, C.P., Moore, C.D., Engell, A.D., Todorov, A. and Haxby, J.V. (2010). Distributed representations of dynamic facial expressions in the superior temporal sulcus. *Journal of Vision*, 10, 1-12.
- Nummenmaa, L., Passamonti, L., Rowe, J., Engell, A.D., and Calder, A.J. (2009). Connectivity analysis reveals a cortical network for eye gaze perception, *Cerebral Cortex*, 20, 1780-1787.
- Hassin, R.R., Bargh, J.A., Engell, A.D., and McCulloch, K.C. (2009). Implicit working memory. *Consciousness and Cognition*, 16, 21-58.
- Todorov A., Said C.P., Engell A.D., and Oosterhof, N.N. (2008). Understanding evaluation of faces on social dimensions. *Trends In Cognitive Sciences*, 12, 455-460.
- Todorov, A. and Engell, A.D. (2008). The role of the amygdala in implicit evaluation of emotionally neutral faces. *Social Cognitive and Affective Neuroscience*, 3, 303-312.
- Engell, A.D., Haxby, J.V., Todorov, A. (2007). Implicit trustworthiness decisions: Automatic coding of face properties in human amygdala. *Journal of Cognitive Neuroscience*, 19, 1508-1519.
- Engell, A.D. and Haxby, J.V. (2007). Facial expression and gaze-direction in human superior temporal sulcus. *Neuropsychologia*, 45, 3234-3241.
- Greene, J.D., Nystrom, L.E., Engell, A.D., Darley, J.M., Cohen, J.D. (2004). The neural bases of cognitive conflict and control in moral judgment. *Neuron*, 44, 389-400.

## INVITED TALKS

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- About face: Reconsidering brain networks for social perception. (June 2015). *Epilepsy Grand Rounds*: Cleveland Clinic, Cleveland OH.
- Social agent perception: The face of category-selectivity in visual cortex. (February 2013). Kenyon College, Gambier OH.
- Social agent perception: The face of category-selectivity in visual cortex. (January 2013). Hamilton College, Clinton NY.
- Face value: Psychological and neural systems underlying face perception. (July 2012). Wesleyan University, Middletown CT.
- Face value: Psychological and neural systems underlying face perception. (April 2012). fMRI Seminar. Magnetic Resonance Research Center. Yale University, New Haven CT.
- Face value: Psychological and neural systems underlying face perception. (January 2012). Social Lunch Seminar Series: Yale University, New Haven CT.
- Face value: Psychological and neural systems underlying face perception. (January 2012). Emory University, Atlanta GA.
- fMRI and intracranial EEG studies of human face processing. (January 2011). University of Chicago, Chicago IL.
- fMRI and intracranial EEG studies of human face processing. (December 2010). Indiana University, Bloomington IN.
- Electrocorticography studies of human face perception. (October 2010). Princeton University, Princeton NJ.
- EEG and fMRI studies of human face perception. (February 2010). Massachusetts Institute of Technology, Cambridge MA.

- EEG and fMRI studies of human face perception. (January 2010). Cognitive Lunch Seminar Series: Yale University, New Haven CT.
- Implicit trait evaluations: Automatic coding of face properties in human amygdala. (June 2008). California Institute of Technology, Pasadena CA.
- fMRI acquisition and analysis. (June 2006). Cornell Sackler Summer Institute, Princeton NJ.
- Neural representation of non-verbal social cues: fMRI studies of gaze and expression perception. (March 2006). Graduate Student and Post-doc Colloquium: Princeton University, Princeton NJ.
- Neural Systems underlying perception of facial expression and gaze-direction. (October 2005). Penn-Princeton Graduate Student Symposium: Princeton, NJ.
- Distributed representations of facial social signals in human temporal cortex. (April 2005). Department of Psychology: The College of New Jersey, Ewing NJ.

### CONFERENCE PRESENTATIONS

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- Xiao, W.R., Chen, W.C., Hell, F.L. Wastsky, R.E., Guillod, P.D., Tsai, N., Martin, L.S., Youngblood, M.W., Aronberg, R.M., Bailey, C.A., Crowley, M.J., van den Honert, R., Engell, A.D., Gerrard, J.L., Spencer, D.D., Mayes, L.C., McCarthy, G., and Blumenfeld, H. (November 2013). Developing a task to investigate conscious report across sensory modalities. Poster presented at the *Annual Meeting for the Society for Neuroscience*, San Diego CA.
- Engell, A.D. and McCarthy, G. (October 2012). fMRI activation by face and biological motion perception: Comparison of response maps and creation of probabilistic atlases. Talk presented at the *Annual Meeting for the Society for Neuroscience*, New Orleans LA.
- Engell, A.D. and McCarthy, G. (November 2011). Representations of face-part configuration and race in the human face-processing network. Talk presented at the *Annual Meeting for the Society for Neuroscience*, Washington DC.
- Engell, A.D. and McCarthy, G. (November 2010). Dissociable electrophysiological responses to faces and bodies recorded from subdural electrodes on human occipitotemporal cortex. Talk presented at the *Annual Meeting for the Society for Neuroscience*, San Diego CA.
- Engell, A.D. and McCarthy, G. (October 2009). Face-specificity and attentional modulation of induced gamma oscillations recorded from human fusiform gyrus and adjacent cortex. Talk presented at the *Annual Meeting for the Society for Neuroscience*, Chicago IL.
- Engell, A.D., Gobbini, M.I., Haxby, J.V. (October 2006). Gaze change perception in early visual cortex. Poster presented at the *Annual Meeting for the Society for Neuroscience*, Atlanta GA.
- Engell, A.D., Haxby, J.V., Todorov, A. (June 2006). The amygdala response during spontaneous trait inferences from neutral faces. Poster presented at the *Annual Meeting for the Organization for Human Brain Mapping*, Florence Italy.
- Engell, A.D., Gobbini, M.I., Haxby, J.V. (May 2006). Distributed representations of face expression and gaze perception in human temporal cortex. Talk presented at the *Annual Meeting for the Vision Sciences Society*, Sarasota FL.
- Engell, A.D., Gobbini, M.I., Haxby, J.V. (November 2005). Neural systems underlying perception of facial expression and gaze-direction in human temporal cortex. Poster presented at the *Annual Meeting for the Society for Neuroscience*, Washington D.C.

Engell, A.D., Gobbini, M.I., Haxby, J.V. (June 2005). Distributed Representations of expression and gaze perception in human temporal cortex. Poster presented at *Princeton University Neuroscience Retreat*, Princeton, NJ.

## **SERVICE**

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### *DEPARTMENTAL SERVICE:*

2014-2015     Committee to select Jeffrey S. Williams Award for Integrative Study in Psychology and Economics

### *UNIVERSITY SERVICE:*

2015-present   Campus Scholarship Committee  
2015-present   Health Professions Advising Committee

### *EXTERNAL SERVICE:*

#### *Manuscript Reviewer*

Attention, Perception, and Psychophysics  
Brain Imaging and Behavior  
Brain Research  
Cerebral Cortex  
Cognition  
Cognition and Emotion  
Emotion  
Journal of Cognitive Neuroscience  
Journal of Experimental Psychology: Human Perception and Performance  
Journal of Experimental Psychology: General  
Journal of Neuroscience  
NeuroImage  
Neuropsychologia  
Personality and Social Psychology Bulletin  
Psychiatry Research: Neuroimaging  
Psychological Science  
Social Neuroscience