

Department of Psychology  
The Ohio State University  
Columbus, OH 43210

☎ (603) 646-0175

☎ (603) 398 1138

✉ [dylan.d.wagner@gmail.com](mailto:dylan.d.wagner@gmail.com)

🏠 [faculty.psy.ohio-state.edu/dwagner/](http://faculty.psy.ohio-state.edu/dwagner/)  
[github.com/ddwagner](https://github.com/ddwagner)

# Dylan D. Wagner, Ph.D.

---

## Academic Appointments

2014– **Assistant Professor**, Department of Psychology, The Ohio State University.

---

## Education and Training

2011–2014 **Postdoctoral Fellow**, Department of Psychological & Brain Sciences, Dartmouth College.

2011 **Ph.D. in Psychology**, Dartmouth College.

2003 **B.A. in Psychology and Music Technology**, McGill University.

2002–2005 **Research Assistant in Neuropsychology**, Montreal Neurological Institute.

---

## Awards, Honors & Fellowships

2013 Fellow, Summer Institute in Cognitive Neuroscience, UC Davis & UCSB.

2012 Runner Up, Society of Experimental Social Psychology (SESP) Dissertation Award.

2011 Hannah Croasdale Award for Academic Excellence, Dartmouth College,.

*Awarded to the single graduating student across all departments who most exemplifies the qualities of a scholar*

2009 William M. Smith Promise Award in the Brain Sciences, Dartmouth College.

2009 Fellow, Summer Institute in Cognitive Neuroscience, UC Santa Barbara.

2007 Marie A. Center 1982 Graduate Award for Excellence in Teaching, Dartmouth College.

2001 Fellow, Summer Research Fellowship in Vision Science, Center for Vision Science, University of Rochester.

---

## Invited Talks & Symposia

### TALKS

2014 Department of Psychology, University of California Los Angeles.

2014 Department of Psychology, Ohio State University.

2013 Department of Psychology, University of Pittsburgh.

2013 Department of Psychology, Princeton University.

2012 Social Psychology Research Workshop, Harvard University.

2011 Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College.

2011 Current Work in Social Psychology, Yale University.

2010 Media Conference, Dartmouth Hitchcock Medical Center.

- 2009 Minary Social Brain Sciences Retreat, Dartmouth College.
- 2009 Social Brain Sciences Winter Summit.
- 2008 Social Psychology Research Interest Group, Dartmouth College.
- 2007 Social Brain Sciences Winter Summit.

#### SYMPOSIA

- 2014 Lopez, R.B., Hofmann, W., **Wagner, D.D.**, Kelley, W.M., Heatherton, T.F. (2014). *Neural markers of daily self control failure*. Symposia: Desires, Behaviours and Goal Pursuit: Insights into Self-Regulation from Experience Sampling Research, 15<sup>th</sup> Annual Meeting of the Society for Personality and Social Psychology, Austin, Texas.
- 2013 **Wagner, D.D.**, Heatherton, T.F. (2013). *I'm tired and you look delicious: self-regulatory depletion leads to increased reward related neural responses to appetitive stimuli*. Symposia: Self-control does a body good? Evidence from the brain, heart, liver and behavior, 14<sup>th</sup> Annual Meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
- 2011 **Wagner, D.D.**, Heatherton, T.F. (2011). *Neural bases of self-regulatory failure*. Symposia: Mechanisms of ego depletion, 12<sup>th</sup> Annual Meeting of the Society for Personality and Social Psychology, San Antonio, Texas.

---

#### Affiliations

- 2014– Faculty member, Center for Cognitive and Brain Sciences, The Ohio State University.

---

#### Professional Activities, Memberships, Service & Outreach

##### AD HOC REVIEWER

- Journals Addiction Biology, Biological Psychiatry, Brain, Cerebral Cortex, Epilepsia, Frontiers in Neuroinformatics, Frontiers in Brain Imaging Methods, Journal of Cognitive Neuroscience, NeuroImage, NeuroImage: Clinical, Neuroscience and Biobehavioral Reviews, Personality and Social Psychology Review, PLoS One, PLoS One Computational Biology, Social Cognitive and Affective Neuroscience, Social and Personality Psychology Compass
- Grants National Science Foundation
- Conference Abstracts Society for Personality and Social Psychology Annual Meeting

- SOCIETY MEMBERSHIPS Society for Personality and Social Psychology, Cognitive Neuroscience Society, Social and Affective Neuroscience Society, Association for Psychological Science

##### SERVICE & OUTREACH

- 2009-2010 Organizer, fMRI methods Series, Dartmouth College.
- 2008-2009 Appointed representative to the Graduate Committee, Dartmouth College.
- 2008-2009 Organizer, Graduate Research Roundtable, Dartmouth College.
- 2008-2009 Organizer, Social Brain Sciences Series, Dartmouth College.
- 2006-2009 Organizer, Department Colloquia Committee, Dartmouth College.
- 2005 Organizer, Brain Awareness Week, Society for Neuroscience, Montreal.
- 2004 Instructor, Brain Awareness Week, Society for Neuroscience, Montreal.

---

## Teaching & Mentoring

### TEACHING

- 2008 Teaching Assistant, Social Psychology, Dartmouth College.
- 2006 Co-lecturer, Experimental Study of Social Behavior, Dartmouth College.
- Spring 2006 Lab Instructor, Laboratory in Psychological Science, Dartmouth College.
- Summer 2006 Lab Instructor, Laboratory in Psychological Science, Dartmouth College.

### MENTORING

- 2013 Honors thesis research supervisor (Sophie Palitz), Dartmouth College.  
Project title: Neural mechanisms of self-regulatory depletion
- 2012 Honors thesis research supervisor (Carolyn Meehan), Dartmouth College.  
Project title: Does glucose restore self-control?
- 2011 Honors thesis research supervisor (Myra Altman), Dartmouth College.  
Project title: Cognitive depletion and food-cue reactivity
- 2010 Honors thesis research supervisor (Rebecca Boswell), Dartmouth College.  
Project title: Mood induction increases cue-reactivity in restrained eaters
- 2009 Honors thesis research supervisor (Stacie M. Payne), Dartmouth College.  
Project title: The neural correlates of subliminal affective priming in biasing judicial decision making
- 2009 Honors thesis research supervisor (Catherine Amble), Dartmouth College.  
Project title: Brain basis of self-regulatory failure in chronic dieters

---

## Publications

### PEER-REVIEWED ARTICLES

- [1] Lopez, R.B., Hofmann, W., **Wagner, D.D.**, Kelley, W.M., Heatherton, T.F. (In Press). Neural predictors of giving in to temptation in daily life. *Psychological Science*.
- [2] **Wagner, D.D.**, Altman, M., Boswell, R.G., Kelley, W.M., Heatherton, T.F. (2013). Self-Regulatory Depletion Enhances Neural Responses to Rewards and Impairs Top-Down Control. *Psychological Science*. 24(11): 2262–71.
- [3] Chen, P. A., **Wagner, D.D.**, Kelley, W.M., Powers, K.E., Heatherton, T.F. (2013). Medial Prefrontal Cortex Differentiates Self from Mother in Chinese. *Culture and Brain*. 1(1): 3–15.

- [4] **Wagner, D.D.**, Heatherton, T.F. (2013). Self-Regulatory Depletion Increases Emotional Reactivity in the Amygdala. *Social Cognitive and Affective Neuroscience*. 8(4): 410–417.  
**Reprinted in:** Reis H.T. (2014) *Methodological Innovations in Social Psychology* (pp. 410-417). London, UK: Sage Publications.
- [5] **Wagner, D.D.**, Haxby, J.V., Heatherton, T.F. (2012). The Representation of Self and Person Knowledge in the Medial Prefrontal Cortex. *Wiley Interdisciplinary Reviews: Cognitive Science*. 3(4): 451–470.
- [6] **Wagner, D.D.**, Boswell, R.G., Kelley, W.M., Heatherton, T.F. (2012). Inducing negative affect increases the reward value of appetizing foods in dieters. *Journal of Cognitive Neuroscience*. 24(7): 1625–1633.
- [7] Somerville, L.H., **Wagner, D.D.**, Wig, G.S., Moran, J.M., Whalen, P.J., Kelley, W.M. (2012). Interactions Between Transient and Sustained Neural Signals Support the Generation and Regulation of Anxious Emotion. *Cerebral Cortex*. 23(1): 49–60.
- [8] Powers, K.E., **Wagner, D.D.**, Norris, C.J., Heatherton, T.F. (2011). Socially excluded individuals fail to recruit medial prefrontal cortex for negative social scenes. *Social Cognitive and Affective Neuroscience*. 8(2): 151–7.
- [9] Heatherton, T.F., **Wagner, D.D.** (2011). The Cognitive Neuroscience of Self-Regulatory Failure. *Trends in Cognitive Science* 15(3): 132–139.
- [10] **Wagner, D.D.**, Kelley, W.M., Heatherton, T.F. (2011). Individual differences in the spontaneous recruitment of brain regions supporting mental state understanding when viewing natural social scenes. *Cerebral Cortex* 21(12): 2788–2796.
- [11] **Wagner, D.D.**, Dal Cin, S., Sargent, J.D., Kelley, W.M., Heatherton, T.F. (2011). Spontaneous Action Representation in Smokers when Watching Movie Characters Smoke. *Journal of Neuroscience* 31(3): 894–898.
- [12] **Wagner, D.D.**, Sziklas, V., Garver, K.E., Jones-Gotman, M. (2009) Material specific lateralization of working memory in the medial temporal lobe. *Neuropsychologia* 47 (1), pp. 112–122.
- [13] Kennepohl, S., Sziklas, V., Garver, K.E., **Wagner, D.D.**, Jones-Gotman, M. (2007) Memory and the medial temporal lobe: Hemispheric specialization reconsidered. *Neuroimage* 36 (3), pp. 969–978.

## CHAPTERS

- [1] **Wagner, D.D.** (Forthcoming) Mentalizing. In Toga & Lieberman (Eds.), *Brain Mapping: An Encyclopedic Reference*
- [2] Heatherton, T.F., Lopez, R.B., **Wagner, D.D.** (Forthcoming) Self-regulation and self-regulation failure. In Toga & Lieberman (Eds.), *Brain Mapping: An Encyclopedic Reference*. Oxford, UK: Elsevier.

- [3] **Wagner, D.D.**, Heatherton, T.F. (In Press) Self-Regulation and its Failure: Seven Deadly Threats to Self-Regulation. In Borgida & Bargh (Eds.), *APA Handbook of Personality and Social Psychology: Volume 1. Attitudes and Social Cognition*. Washington, D.C.: American Psychological Association.
- [4] **Wagner, D.D.**, Heatherton, T.F. (In Press). Self-Regulation and its Failures. In Gazzaniga & Mangun (Eds.), *The Cognitive Neurosciences (5th edition)*. Cambridge, MA: MIT Press.
- [5] Arzi1, A., Banerjee, S., Cox, J.C., D'Souza, D., De Brigard, F., Doll, B.B., Fairley, J., Fleming, S.M., Herholz, S.C., King, D.R., Libby, L.A., Myers, J.C., Neta, M., Pitcher, D., Power, J.D., Rass, O., Ritchey, M., Jubal, E.R., Royston, A., **Wagner, D.D.**, Wang, W., Waring, J.D., Williams, J., Wood, S. (In Press). The significance of cognitive neuroscience: Findings, applications, and challenges. In Gazzaniga & Mangun (Eds.), *The Cognitive Neurosciences (5th edition)*. Cambridge, MA: MIT Press.
- [6] Lopez, R.B., **Wagner, D.D.**, Vohs, K.D., Heatherton, T.F. (In Press). Self-regulatory strength: neural mechanisms and implications for training. In Gendolla, Tops & Koole (Eds.), *Biobehavioral Foundations of Self-regulation*. Springer.
- [7] **Wagner, D.D.**, Heatherton, T.F. (2013) Emotion and Self-Regulation Failure. In Gross (Ed), *Handbook of Emotion Regulation (2nd edition)*. New York, N.Y.: Guilford Press.
- [8] **Wagner, D.D.**, Heatherton, T.F. (2010) Giving in to temptation: The emerging cognitive neuroscience of self regulatory failure. In Baumeister & Vohs (Eds.), *Handbook of Self Regulation: Research, theory and applications (2nd edition)*. New York, N.Y.: Guilford Press.
- [9] **Wagner, D.D.**, Demos, K.E., Heatherton, T.F. (2011) Staying in control: The cognitive neuroscience of self-regulation and its failure. In Cacioppo & Decety (Eds.), *Handbook of Social Neuroscience*. Oxford University Press.
- [10] Heatherton, T.F., Krendl, A.C., **Wagner, D.D.** (2008) Neurophysiological Approaches to Understanding Behavior. *Human Behavior in a Military Context*. Washington, DC: The National Academies Press, pp. 217–238.

#### COMMENTARIES ON RESEARCH

- [1] (Commentary on **Wagner & Heatherton, 2013**)  
Berkman, E.T., Miller-Ziegler, J. (2013). Imaging depletion: fMRI provides new insights into the processes underlying ego depletion. *Social Cognitive and Affective Neuroscience*. 8(4): 359–361.
- [2] (Commentary on **Wagner et al. 2011**)  
Yalachkov, Y., Naumer, M. J. (2011). Involvement of action-related brain regions in nicotine addiction. *Journal of Neurophysiology*, 106(1): 1–3.