

HAYLEY M. DORFMAN

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EDUCATION

Harvard University, Cambridge, MA

Ph.D. candidate, Experimental Psychopathology

2014 - present

Boston University, Boston, MA

B.A. Psychology

B.A. Political Science

2004 - 2008

EXPERIENCE

Harvard University, Computational Cognitive Neuroscience Lab

(PI: Samuel Gershman, PhD)

Graduate Student

August 2016 – present

Harvard University, Systems Neuroscience of Psychopathology Lab

(PI: Joshua Buckholtz, PhD)

July 2011 – July 2016

Eastern Cooperative Oncology Group

October 2008 – October 2011

Boston University School of Public Health

(PI: David Rosenbloom, PhD)

January 2008 – October 2008

Boston University, BU Twin Project Lab

(PI: Kimberly Saudino, PhD)

September 2006 – May 2007

PUBLICATIONS

Hosking JG, Kastman EK, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. (Under review). Prefrontal Regulation of Striatal Value Signals is Disrupted in Psychopathy.

Rodman AM, Kastman EK, **Dorfman HM**, Baskin-Sommers A, Kiehl KA, Newman JP, Buckholtz JW. (2016). Selective Mapping of Psychopathy and Externalizing to Dissociable Circuits for Inhibitory Self-Control. *Clinical Psychological Science*. 4(3), 559-571.

Dorfman HM, Buckholtz JW. (2015). Imaging Genetics of Antisocial Behavior and Psychopathy. In: *Imaging Genetics: Principles and Practices*. Kristi Bigos, Ahmad Hariri and Daniel Weinberger (eds.). Oxford University Press. (Invited chapter).

Dorfman HM, Buckholtz JW. (2015). Social Behavior: A Penny for Your Shocks. *Current Biology*, 25(14), R600–R601. (Invited submission).

Dorfman HM, Buckholtz JW. (2015). Neurogenetics of Antisociality. In: *Handbook of Biosocial Criminology*. Matt DeLisi and Michael Vaughn (eds.). Routledge. (Invited chapter).

Dorfman HM, Meyer-Lindenberg A, Buckholtz JW. (2014). Neurobiological Mechanisms for Impulsive-Aggression: The Role of MAOA. In: *The Neuroscience of Aggression*. Andreas Meyer-Lindenberg and Klaus Miczek (eds.). Springer. 297-313. (Invited chapter).

POSTER PRESENTATIONS and INVITED TALKS

Hosking JG, Kastman EK, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Prefrontal Regulation of Striatal Value Signals is Disrupted in Psychopathy. Harvard Center for Brain Science Research Symposium, 2015.

Hosking JG, Kastman EK, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Prefrontal Regulation of Striatal Value Signals is Disrupted in Psychopathy. Society for Neuroscience Annual Meeting (Nanosymposium), 2015.

Patzelt E, Kastman EK, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Impulsive Choice Behavior Predicts Exaggerated Reinforcement Learning Signals within Corticostriatal Circuitry. Social and Affective Neuroscience Society Annual Meeting, 2015.

Buckholtz JW, Kastman EK, **Dorfman HM**, Newman JP, and Kiehl KK. The Value of Psychopathy: Aberrant Computation of Subjective Value During Intertemporal Choice in Incarcerated Males with Psychopathy. American Psychology Law Society, 2014.

Dorfman HM, Kastman E, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Corticostriatal Structural Differences Dissociate Impulsive-Antisocial Behavior From Psychopathy. Cognitive Neuroscience Society, 2014.

Kastman E, Patzelt E, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Striatal Hypersensitivity to Immediate Reward Drives Self-Control Deficits in Psychopathy. Cognitive Neuroscience Society Annual Meeting, 2014.

Patzelt E, Kastman E, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Corticolimbic Circuit Dysfunction Drives Reinforcement Learning Deficits in Incarcerated Antisocial Offenders. Cognitive Neuroscience Society Annual Meeting, 2014.

Dorfman HM, Kastman E, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Parsing self-control in incarcerated criminals: Impulsive-antisocial behavior tracks variability in corticostriatal circuit structure. Society for Neuroscience Annual Meeting, 2013.

Kastman E, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Parsing Self-Control in Incarcerated Criminals: Aberrant Striatal Function Underlies Biased Assignment of Subjective Value to Immediate Rewards in Psychopathic Offenders. Society for Neuroscience Annual Meeting, 2013.

Millner AJ, **Dorfman HM**, Kastman E, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Parsing self-control in incarcerated criminals: Aggression and impulsive-antisocial behavior track variability in reward-related corticostriatal circuit function. Society for Neuroscience Annual Meeting, 2013.

Buckholtz JW, Kastman E, **Dorfman HM**. Biased input regulation of striatal reactivity comprises a circuit-level mechanism for human self-control. Society for Neuroscience Annual Meeting, 2013.

Rodman AM, Kastman E, **Dorfman HM**, Baskin-Sommers A, Kiehl KK, Newman JP, Buckholtz JW. Parsing Self-Control in Incarcerated Criminals: Selective Mapping of Psychopathy and Externalizing to Functional Circuits for Response Inhibition and Interference Suppression. Society for Neuroscience Annual Meeting, 2013.

Buckholtz JW, Kastman E, **Dorfman HM**, Kiehl KK, Newman JP. Incarcerated Psychopaths Overvalue Immediate Rewards During Decision-Making. Society for Affective Neuroscience Annual Meeting, 2013.

AWARDS and ACADEMIC SCHOLARSHIPS

- Harvard University Stimson Grant 2015
- Boston University Dean's Scholarship 2004-2008
- Boston University Dean's List 2006, 2007
- California Governor's Scholar Award 2003, 2004

PROFESSIONAL SERVICE

Ad-Hoc Reviewer

- JAMA Psychiatry
- Cerebral Cortex
- Social Cognitive and Affective Neuroscience
- Psychiatric Genetics
- Neuroimage Clinical

PROFESSIONAL AFFILIATIONS

- Society for Neuroscience, 2013-present
- Cognitive Neuroscience Society, 2013-present
- American Psychological Association, 2014-present
- Social and Affective Neuroscience Society, 2015-present
- Sigma Delta Epsilon (Graduate Women in Science), 2016-present
- Society for Research in Psychopathology, 2016 – present
- Association for Psychological Science, 2016 - present