

David Charles Johnson

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EDUCATION

- 2015 Ph.D. in Neuroscience, Sackler Institute for Developmental Psychobiology,
Weill Cornell Medical College, Cornell University, New York, NY
- 2008 B.A. in Psychology, New York University, New York, NY

PROFESSIONAL, TEACHING AND RESEARCH APPOINTMENTS

- 2016 – 2017 Assistant Professor, Dept. of Psychology, Manchester University, North
Manchester, IN
- 2017 Consultant, New York Presbyterian Hospital, fMRI and psychophysiological
data analysis
- 2015 – 2016 Visiting Assistant Professor, Dept. of Psychology, Manchester University,
North Manchester, IN
- 2015 – 2016 Visiting Fellow in Psychology in Psychiatry, Weill Cornell Medical College,
Cornell University, New York, NY
- 2015 Adjunct Professor, Dept. of Psychology, Barnard College, Columbia
University, New York, NY
- 2014 - 2015 Adjunct Professor, Dept. of Psychology, Baruch College, City University of
New York, New York, NY
- 2008 – 2010 Lab Manager, Harvard Social Cognitive and Affective Neuroscience Lab,
Harvard University, Cambridge, MA

2007 – 2008 Research Assistant, Department of Psychology, Phelps Lab, New York
University, New York, NY

TEACHING EXPERIENCE (Sole instructor)

Manchester University

North Manchester, IN
2015 – 2017

Courses taught:

Cognitive Neuroscience (2 sections)
Statistics and Research Methods (2 sections)
Introduction to Psychology (8 sections)
Cognitive Psychology (2 sections)
Sensation and Perception (2 sections)
Advanced Research Methods
Introduction to Statistics (2 sections and online course)

Barnard College

Columbia University
New York, NY
Fall 2015

Courses taught:

Cognitive Neuroscience Seminar
Introduction to Psychology

Baruch College

City University of New York
New York, NY
Fall 2014-2015

Courses taught:

Theories of Personality
Attention and Perception

PUBLICATIONS

Peer Reviewed Journal Articles

(*indicates co-first author; ** indicates publications with undergraduate student co-authors)

Divencha, I., Drysdale, A. Hartley, C.A., **Johnson, D.C.***, Glatt, C., Lee, F.S., & Casey, B.J. (2015). FAAH genetic variation enhances fronto-amygdala function in mouse and human. *Nature Communications* 6.

Johnson, D.C. & Casey, B.J. (2015). Extinction during memory reconsolidation blocks recovery of fear in adolescents. *Scientific Reports* 5, 8863.

Johnson, D.C. & Casey, B.J. (2015). Easy to remember, difficult to forget: the development of fear regulation. *Developmental Cognitive Neuroscience* 11, 42-55.

Pattwell, S., Duhoux, S., Hartley, C., **Johnson, D.C.**, Jing, D., Elliott, M., Ruberry, E., Powers, A., Mehta, N., Yang, R., Soliman, F., Glatt, C., Casey, B.J., Ninan, I., & Lee, F.S. (2012). Altered fear learning across development in both mouse and human. *Proceedings of the National Academy of the Sciences USA* 109, 16318–16323.

Schiller, D., Monfils, M.H., Raio, C.M., **Johnson, D.C.**, LeDoux, J.E., & Phelps, E.A., (2010). Preventing the return of fear in humans using reconsolidation update mechanisms. *Nature* 463 (7277), 49-53.

GRANTS, AWARDS and FELLOWSHIPS (including select non-funded applications)

2016	Big Data Conference @ University of Michigan; (Recipient, travel award)
2016	NRSA R15 grant application submitted: not funded
2015	New York Community Trust grant to study the neuroanatomical manifestations of extinction learning in returning veterans with traumatic brain injury (Consultant)
2013-2015	Tri-Institutional Training Program in Vision Research Grant (5T32EY007138) (Recipient)
2010	John Merck Fund Summer Institute on the Biology of Developmental Disabilities Fellowship (Recipient)
2007	Dean's Undergraduate Research Award, NYU (Recipient; \$1500)

SELECTED PROFESSIONAL PRESENTATIONS

(*indicates a student working under my mentorship; last author = senior author)

Conference presentations

Crisman, T.,* Willwerth, A.,* Smith, L.,* **Johnson, D.C.** (2017) *The effect of sustained negative arousal on fear extinction learning*. Poster presented at the annual meeting for the Midwest Psychological Association, Chicago, IL.

Ray, D.,* Gregory, L.,* Smith, L.,* **Johnson, D.C.** (2017) *The effect of threat reinforcement rate on fear acquisition and regulation*. Poster presented at the annual meeting for the Midwest Psychological Association, Chicago, IL.

Elkawaor, R., Godinez, M., **Johnson, D.C.** (2017) *The effect of color paper on memory*. Poster presented at the annual meeting for the Midwest Psychological Association, Chicago, IL.

Crisman, T.,* Willwerth, A.,* Smith, L.,* **Johnson, D.C.** (2017) *The effect of situational stress on fear extinction learning*. Poster presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.

Ray, D.,* Gregory, L.,* **Johnson, D.C.** (2017) *Threat reinforcement rate mediates fear acquisition and regulation*. Poster presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.

Mullen, A., **Johnson, D.C.** (2017) *Political Affiliation as predictor of response to uncanny valley stimuli*. Poster presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.

Ray, D.,* Gregory, L.,* **Johnson, D.C.** (2017) *Threat reinforcement rate mediates fear acquisition and regulation*. Poster presented at the Manchester Undergraduate Research Conference, North Manchester, IN.

Crisman, T.,* Willwerth, A.,* **Johnson, D.C.** (2017) *The effect of situational stress on fear extinction learning*. Poster presented at the Manchester Undergraduate Research Conference, North Manchester, IN.

Ray, D.,* Gregory, L.,* **Johnson, D.C.** (2017) *Threat reinforcement rate mediates fear acquisition and regulation*. Poster presented at the annual meeting of the Association of Psychological Science, Boston, MA

Smith, M*, Mullen, A*, Gruel, A*, **Johnson, D.C.** (2016). *Challenging the validity of sideline concussion tests*. Poster presented at the annual meeting for the Midwest Psychological Society, Chicago, IL.

Drysdale, A., Divencha, I., Hartley, C., **Johnson, D.C.**, et al. (2015) *Variation in Endocannabinoid Signaling Modulates Frontoamygdala Connectivity, Fear Regulation, and Anxiety in Mice and Humans*. Poster presented at the 70th annual meeting of the Society of Biological Psychiatry.

Johnson, D.C., Hartley, C., Powers, A., Casey, B.J. (2014). *Reconsolidation update: a method for preventing the return of fear in adolescents*. Poster presented at the 70th annual meeting for the American Psychological Society, San Francisco, CA.

Johnson, D.C., Hartley, C., Powers, A., Casey, B.J. (2014). *Reconsolidation update: a method for preventing the return of fear in adolescents*. Poster presented at the annual meeting for the Cognitive Neuroscience Society, Boston, MA.

Schiller, D. Monfils, M.H., Raio CM, **Johnson, D.C.**, LeDoux, J.E., Phelps, E.A. (2008). *Retrieval prior to extinction prevents the return of fear*. Poster presented at the International Symposium on Attention and Performance XXII, Stowe, VT.

Schiller, D. Monfils, M.H., Raio CM, **Johnson, D.C.**, LeDoux, J.E., Phelps, E.A. (2008). *Behavioral blockade of the return of fear in humans*. Poster presented at the Society for Neuroscience Annual Meeting, Washington, D.C.

Schiller, D., Monfils, M.H., Raio CM, **Johnson, D.C.**, LeDoux, J.E., Phelps, E.A. (2008). *Extinction training during memory reconsolidation prevents the return of fear in humans*. Poster presented at the Pavlovian Society Annual Meeting, Weehawken, NJ.

Sharot, T., **Johnson, D.C.**, Dudai, Y. Raio CM, & Phelps, E. (2008). *The (near) future is bright:*

how emotion modulates simulation of everyday future events. Poster presented at the Cognitive Neuroscience Society, San Francisco, CA.

Invited Talks

Johnson, D.C. *Monet, the brain and the illusory motion effect*. (2015). Women's Art Society, North Manchester, IN

Campus and Departmental Talks

Johnson, D.C. (2017). *The seductive allure of neuroscience: What brain imaging (and genes) can and can't tell us about the disordered mind*, special seminar, Manchester University, North Manchester, IN

Johnson, D.C. (2015). *Enhancing fear regulation*. Sackler Advisory Board, Weill Cornell Medical College, New York, NY

MENTORING

Undergraduate Honor Thesis Mentor:

April Mullen, "Political affiliation as predictor of the uncanny valley effect" (2017)

SERVICE

SAGE- Society for the Teaching of Psychology (STP) Travel Award Committee, 2017 - 2020

Undergraduate Assessment Committee, Manchester University (member), 2017 – present

Special Discussion Day, Manchester University (ad hoc committee member), 2017

PROFESSIONAL MEMBERSHIPS

2010-present	Society for Neuroscience
2008-present	Cognitive Neuroscience Society
2008-present	American Psychological Society
2015-present	Midwestern Psychological Association
2017-present	Society for the Improvement of Psychological Science

TECHNICAL SKILLS

Statistical Analysis Techniques: regression, univariate (e.g. ANOVA), multivariate, probabilistic

Software: Excel, MATLAB, ePrime, SPSS, AFNI, AcqKnowledge

Additional software/computer languages: Adobe Photoshop, HTML, Unix Mac OS X and

Microsoft Windows operating systems

Experimental Design (laboratory, neuroimaging, psychophysiology behavioral)

RESEARCH INTERESTS

Emotional learning and memory processes, psychophysiological measures of emotion, fear, anxiety, eating behavior