

Biographical Sketch

Rachel Marsh, Ph.D.

Irving Philips Professor of Medical Psychology
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(a) Professional Preparation

Skidmore College	Saratoga Springs, NY	Psychology	B.A., 1997
City University of New York	New York, NY	Experimental Psychology	Ph.D., 2003
Columbia University Medical Center	New York, NY	Developmental Psychobiology	Postdoctoral, 2006
Columbia University Medical Center	New York, NY	Child and Adolescent Psychiatry	Postdoctoral, 2004

(b) Appointments

2018-Present	Irving Philips Professor of Medical Psychology, Department of Psychiatry, Columbia University Medical Center
2016-Present	Director of MRI Research, the New York State Psychiatric Institute Medical Center (CUMC)
2013-2018	Associate Professor of Medical Psychology, Department of Psychiatry, Columbia University Medical Center
2007-2014	Training Faculty, "Research Training in Child Psychiatry" at CUMC (T32MH16434)
2007-2011	Liaison Director for International Visiting Faculty in Child Psychiatry
2006-2013	Assistant Professor in Clinical Psychology, Department of Psychiatry, Columbia University Medical Center

(c) Publications

(i) Most closely related products

1. ENIGMA-OCD Workgroup. Cortical abnormalities associated with pediatric and adult obsessive-compulsive disorder: Findings from the ENIGMA-OCD working group. *American Journal of Psychiatry*, 175(5):453-462. 2018. PMID: 29377733.
2. ENIGMA-OCD Workgroup. Distinct subcortical volume alterations in pediatric and adult OCD: A worldwide meta- and mega-analysis. *American Journal of Psychiatry*. 174(1):60-69. 2017. PMID: PMC5344782.

3. Chamorro J, Bernardi S, Potenza MN, Grant JE, Marsh R, Wang S, Blanco C. Impulsivity in the general population: a national study. *Journal of Psychiatric Research*, 46(8)994-1001. 2012. PMID: PMC3564492.
4. Marsh R, Hao X, Xu D, Wang Z, Duan Y, Liu J, Kangarlu A, Martinez D, Garcia F, Tau GZ, Yu S, Packard MG, Peterson BS. A virtual reality-based fMRI study of reward-based spatial learning. *Neuropsychologia*, 48(10):2912-21. 2010. PMID: PMC2914178.
5. Marsh R, Zhu H, Skudlarski P, Wang Z, Peterson BS. A developmental fMRI study of self-regulatory control in Tourette Syndrome. *American Journal of Psychiatry*, 164/6: 955-966. 2007. PMID: PMC2291294

(ii) Other significant products

1. Marsh R, Horga G, Parashar N, Wang Z, Peterson BS, Simpson HB. Altered activation in fronto-striatal circuits during sequential processing in unmedicated adults with obsessive-compulsive disorder. *Biological Psychiatry*, 75 (8) 615-22. 2014. PMID: PMC3722261.
2. Posner J, Marsh R, Maia T, Peterson BS, Gruber A, Simpson HB. Reduced functional connectivity within the limbic cortico-striato-thalamo-cortical loop in unmedicated adults with obsessive-compulsive disorder. *Human Brain Mapping*. (35)6: 2852-2860. 2014. PMID: PMC4142493.
3. Marsh R, Horga G, Wang Z, Wang P, Klahr KW, Berner LA, Walsh BT, Peterson BT. An fMRI study of self-regulatory control and conflict resolution in adolescents with Bulimia Nervosa. *American Journal of Psychiatry*, 168 (11): 1210-20. 2011. PMID: PMC3328859.
4. Marsh R, Maia T, Peterson BS. Functional disturbances within frontostriatal circuits across multiple childhood psychopathologies. *American Journal of Psychiatry*, 166(6), 664-74. 2009. PMID: PMC2734479.
5. Marsh R, Steinglass JE, Gerber AJ, O'Leary KG, Wang z, Walsh BT, Peterson BS. Deficient activity in the neural systems that mediate self-regulatory control in Bulimia Nervosa. *Archives of General Psychiatry*, 66/1: 51-63. 2009. PMID: PMC2759684

(d) Synergistic Activities

1. Member of the American Academy of Neuropsychopharmacology (2017-present) and its Education and Training Committee (2016-present)
2. Co-Program Director of the Research in Child Psychiatry NIMH T32 Fellowship Program at CUMC (2014-present)
3. Developed and lead the New York State Psychiatric Institute MRI pilot award program (2013-present)
4. Developed and supervised MRI safety procedures in the MRI unit at NYSPI and consulted with faculty at Columbia University to adapt these MRI safety procedures for use at the Zuckerman Mind Brain Behavior Institute (2016-present)
5. Supervised the use of multiband sequences and consulted with investigators regarding their use of these and other novel sequences as part of the Human Connectome Project (2016-present)