CURRICULUM VITAE

29 March 2007

NAME: HEATHER HAVEY NEAL

BIRTH DATE: 25 April 1973

CURRENT TITLES & AFFILIATIONS:

Research Project Coordinator
Senior Research Specialist
Emory University School of Medicine
Dept of Psychiatry & Behavioral Sciences,
2006-present

CITIZENSHIP: U.S.A.

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EDUCATION:

2006, M.A. Psychology, University of West GA *summa cum laude*
1997, BA Comparative Religion, Georgia State University *summa cum laude*
1994, Mechanical Engineering & Biology, Georgia Institute of Technology *magna cum laude*

HONORS & AWARDS:

Phi Beta Kappa, Georgia State University, 1997
HOPE full scholarship, 1994-1997
Research Honors Award, 1997

SOCIETY MEMBERSHIPS:

Association For Humanistic Psychology
Association For Transpersonal Psychology
American Psychological Association

RESEARCH FOCUS:

I am interested in
1) using functional neuroimaging techniques to explore the functional connectivity and neurobiological bases of human and non-human social cognition as well as human issues such as addiction, schizophrenia, bipolar disorder, and so on;
2) conducting research studies to help improve preventive mind-body health and wellness and to improve substance abuse treatment programs (currently: crack cocaine).

CURRENT RESEARCH:

Imaging the Neural Correlates of Early Life Abuse and Neglect

Imaging the Neural Correlates of Bipolar Disorder Development in Adolescents Whose Mothers Have Bipolar Disorder

Imaging the Neural Correlates of Crack Cocaine Craving & SATP, DCS Effectiveness in Preventing Relapse

Neural Correlates of Stress and Addiction

Neural Correlates of Cue Induced Craving

RESEARCH EXPERIENCE:

2006	Red Hat Enterprise Essentials certified
2006 to present	Training in fMRI essentials – basics of fMRI image acquisition (Siemens Allegra 3T magnet) & analysis; Statistical Parametric Mapping (SPM 99,2,5): Preprocessings, 1st/2nd level analyses, Voxel-Based Morphometry, Diffusion Tensor Imaging; Analysis of Functional Neuroimages (AFNI); MATLAB; FSL; ePRIME; PRESENTATION; and more.
2007	Training in computer Systems administration