BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Ian H. Gotlib, Ph.D.	Professor of Psychology
eRA COMMONS USER NAME GOTLIB	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of Western Ontario, Canada	B.A.	1974	Psychology
University of Waterloo, Canada	M.A.	1977	Clinical Psychology
University of Waterloo, Canada	Ph.D.	1981	Clinical Psychology

A. Personal Statement

The broad goal of the proposed research is examine neurobiological mechanisms that predict response to IPT-A in depressed adolescents. I have a longstanding interest in understanding risk for depression; indeed, over the past 30 years I have published over 450 papers and books, many central to the issue of risk for the development of affective disorders (h index over 75). My training in both clinical psychopathology and neuroscience has allowed me to conduct studies integrating psychological and biological factors in the areas of mood and anxiety disorders and risk for psychopathology. Most relevant to this proposal, I have extensive experience recruiting and assessing offspring of parents with major depression. In my laboratory we have developed methods to integrate cognitive, behavioral, affective, endocrinological, and neural (both functional and structural) factors in both children at risk for psychopathology. I believe that my knowledge and skills make me well qualified to serve as a consultant for this project.

B. Positions and Honors

Positions and Employment

1980-1985 Assistant Professor, Department of Psychology, University of Western Ontario
1985-1989 Associate Professor, Department of Psychology, University of Western Ontario
1988-1992 Clinical Associate Professor, Department of Psychiatry, University of Western Ontario
1989-1992 Professor, Department of Psychology, University of Western Ontario
1992-1996 Professor and Director of Clinical Training, Department of Psychology, Northwestern University
1996-Present Professor, Department of Psychology, Stanford University
2005-2010 Senior Associate Dean for the Social Sciences, Stanford University
2010-Present David Starr Jordan Professor, Stanford University
2012-Present Chair, Department of Psychology, Stanford University

Honors

1989-1993 Ontario Mental Health Foundation Senior Research Fellowship
1995-1996 Society for a Science of Clinical Psychology - President
1994-Present American Psychopathological Association - Fellow
1996-Present American Psychological Association - Fellow
1998-Present American Psychological Society - Fellow
2002-2003 Society for Research in Psychopathology - President
2003 Winner, British Medical Association Medical Book Competition: Gotlib, I.H., & Hammen, C.L. (Eds.). (2002). *Handbook of depression*. New York: Guilford Press.
2003-2004 NARSAD Distinguished Investigator Award
2011 Society for Research in Psychopathology - Joseph Zubin Award for lifetime research contributions to the understanding of psychopathology
2012 APS/APA Society for the Science of Clinical Psychology - Distinguished Scientist Award for 2013
2012 APA Distinguished Scientific Contribution Award for 2013

C. Selected peer-reviewed publications (Publications selected from a list of 450 papers, book chapters, and books; available at: http://mood.stanford.edu/Pages/Publications.html)

Gotlib, I.H., Joormann, J., Minor, K.L., & Hallmayer, J. (2008). HPA-Axis reactivity may underlie the associations among the 5-HTTLPR polymorphism, stress, and risk for depression. *Biological Psychiatry, 63*, 847-851*.* doi:10.1016/j.biopsych.2007.10.008 PMID:18005940 PMCID:2373542

Chen, M.C., Joormann, J., Hallmayer, J., & Gotlib, I.H. (2009). Serotonin transporter polymorphism predicts waking cortisol in young girls. *Psychoneuroendocrinology, 34,* 681-686*.* doi:10.1016/j.psyneuen.2008.11.006 PMID:19128885 PMCID:2703586

Chen, M.C., Hamilton, J.P., & Gotlib, I.H. (2010). Decreased hippocampus volume in healthy girls at risk for depression. *Archives of General Psychiatry, 67,* 270-276*.* doi:10.1001/archgenpsychiatry.2009.202 PMID:20194827 PMCID:2845291

Gotlib, I.H., Hamilton, J.P., Cooney, R.E., Singh, M.K., Henry, M.L., & Joormann, J. (2010). Neural processing of reward and loss in girls at risk for major depression. *Archives of General Psychiatry, 67,* 380-387*.*

Thomason, M.E., Dougherty, R.F., Colich, N.L., Perry, L.M., Rykhlevskaia, E.I., Louro, H.M., Hallmayer, J.F., Waugh, C.E., Bammer, R., Glover, G.H., & Gotlib, I.H. (2010). COMT genotype affects prefrontal white matter pathways in children and adolescents. *NeuroImage, 53,* 926-934*.* doi:10.1016/j.neuroimage.2010.01.033 PMID:20083203

Thomason, M.E., Dennis, E.L., Joshi, A.A., Joshi, S.H., Dinov, I.D., Chang, C., Henry, M.L., Johnson, R.F., Thompson, P.M., Toga, A.W., Glover, G.H., van Horn, J.D., & Gotlib, I.H. (2011). Resting-state fMRI can reliably map neural networks in children. *NeuroImage, 55,* 165-175. doi:10.1016/j.neuroimage.2010.11.080

Thomason, M.E., Hamilton, J.P., & Gotlib, I.H. (2011). Stress-induced activation of the HPA axis predicts connectivity between subgenual cingulate and salience network during rest in adolescents. *Journal of Child Psychology and Psychiatry, 52,* 1026-1034*.* doi:10.1111/j.1469-7610.2011.02422.x

Hamilton, J.P., Etkin, A., Furman, D.J., Lemus, M.G., Johnson, R.F., Gotlib, I.H. (2012). Functional neuroimaging of Major Depressive Disorder: A meta-analysis and new integration of baseline activation and neural response data. *American Journal of Psychiatry, 169,* 693-703. 10.1176/appi.ajp.2012.11071105

Singh, M.K., Chang, K.D., Chen, M.C., Kelley, R.G., Garrett, A., Mitsunaga, M.M., Bararpour, L., Howe, M.E., Reiss, A.L., & Gotlib, I.H. (2012). Volumetric reductions in the subgenual anterior cingulate cortex in adolescents with Bipolar I Disorder. *Bipolar Disorders, 14,* 585-596*.* doi: 10.1111/j.1399-5618.2012.01043.x

Waugh, C.E., Muhtadie, L., Thompson, R.J., Joormann, J., & Gotlib, I.H. (2012). Affective and physiological responses to stress in girls at elevated risk for depression. *Development and Psychopathology.* 24 (2012), 661–675. doi:10.1017/S0954579412000235

Whitney, J., Joormann, J., Gotlib, I.H., Kelley, R.G., Acquaye, T., Howe, M., Chang, K.D., & Singh, M.K. (2012). Information processing in adolescents with Bipolar I Disorder. *Journal of Child Psychology and Psychiatry, 53,* 937-945.

Foland-Ross, L.C., Hardin, M.G., & Gotlib, I.H. (2013). Neurobiological markers of familial risk for depression. In P. Cowen, T. Sharp, & J. Lau (Eds.), *Behavioral Neurobiology of Depression and its Treatment: Current Topics in Behavioral Neurosciences, 14,* 181-206*.* NY: Springer.

Singh, M.K., Cui, X., Kelley, R.G., Sherdell, L., Howe, M.E., Chang, K.D., Gotlib, I.H., & Reiss, A.L. (2013). Reward processing in adolescents with Bipolar I Disorder. *Journal of the American Academy of Child and Adolescent Psychiatry, 52,* 68-83*.*

Singh, M.K., Kesler, S.R., Hosseini, H., Kelley, R.G., Amatya, D., Hamilton, J.P. Chen, M.C., & Gotlib, I.H. (in press). Anomalous gray matter structural networks in Major Depressive Disorder. *Biological Psychiatry.*

Thompson, R.J., Mata, J., Jaeggi, S.M., Buschkuehl, M., Jonides, J., & Gotlib, I.H. (in press). The role of attention to emotion in recovery from Major Depressive Disorder. *Depression Research and Treatment.*

D. <u>Research Support</u>

<u>ACTIVE</u>

5 R01 MH074849-08 (Gotlib)	07/01/2005 - 01/31/2016	0.9 academic
NIH/NIMH	$320,214	0.3 summer

Risk for Depression: Identifying and Altering Psychobiological Mechanisms

The major goals of this project are to examine the ability of stress reactivity, neuroendocrine functioning, emotion regulation, cognitive process and patterns of neural reactivity and neural structure to predict onset of depression in high-risk girls, and to assess the potential of neurofeedback and attentional bias training to reduce the onset of depression.

PENDING

Gotlib – Stanford Project 110884 (Gotlib)	09/01/2013 – 08/31/2015	0.45 academic.
National Institutes of Health	$136,798	0.30 summer

Neural Networks Underlying Impaired Information Gating in Major Depression

The major goal of this project is to use cutting-edge techniques to elucidate the neural mechanisms that underlie impaired cognitive gating of negative information in depressed adults.

Gotlib – Stanford Project 109565 (Gotlib)	07/01/2013 – 06/30/2017	1.80 academic
National Institutes of Health	$399,914	1.80 summer

The Effects of Early Life Stress on Neurodevelopment in Children and Adolescents

The major goals of this project are to examine the influence of early life stress on the maturation of neural circuits, and the neuroendocrine and cognitive processes that are critical to psychological health and integral to the specific RDoC constructs of the Negative Valence, Positive Valence, and Arousal/Regulatory Systems.

OVERLAP
None

Completed Research Support (Last 3 Years)

R01 MH59259 (PI: Gotlib) 1/1/07 - 12/31/2012 - NIH/NIMH
"Neural and Behavioral Aspects of Information Processing Biases in Depression"
The major goal of this project is to study information processing and responsivity to reward in depression.
Role: PI

R01 MH076021-01A1 (PI: Johnson) 11/1/06 - 6/30/11 - NIH/NIMH
"Neural & Cognitive Facets of Reward Responsivity in Bipolar Disorder"
The major goals of this project are to elucidate how neural dysfunction is reflected in cognitive and behavioral processes that trigger manic symptoms in bipolar disorder.
Role: Subcontract PI

R01 MH074849-01A1 (PI: Gotlib) 4/1/07 - 3/31/2011 – NIH/NIMH
"Emotion Dysregulation in Girls at Risk for Depression"
The major goal of this project is to examine the relations among stress reactivity, neuroendocrinology, emotion regulation, cognitive processes, and neural reactivity in placing children at elevated risk for affective disorder.
Role: PI

R01 MH060655-07 (PI: Jonides) 7/1/07 - 6/30/2012 - NIH/NIMH
"Interference-resolution Mechanisms and Their Relevance to Depression"
The major goal of this Stanford University subcontract is to examine depression-related differences in basic mechanisms of interference resolution.
Role: Subcontract PI

R21 MH080683-01 (PI: Gotlib) 4/1/08 – 3/31/11 - NIH/NIMH
"An Integrative Psychobiological Investigation of Comorbid Depression and Anxiety"
The major goal of this project is to examine the psychological and biological nature of the comorbidity of Major Depressive Disorder and Social Anxiety Disorder.
Role: PI