

Stanford



Hugh Brent Solvason PhD MD

Clinical Professor, Psychiatry and Behavioral Sciences

CLINICAL OFFICES

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Bio

CLINICAL FOCUS

- Psychiatry
- Electroconvulsive Therapy
- Transcranial Magnetic Stimulation

ACADEMIC APPOINTMENTS

- Clinical Professor, Psychiatry and Behavioral Sciences

ADMINISTRATIVE APPOINTMENTS

- Medical Director, Interventional Psychiatric Therapies, (2003-2010)

HONORS AND AWARDS

- Academic Teaching Award, San Mateo County Residency Training Program (June 15, 2003)
- Academic Teaching Award, Stanford Department of Psychiatry (June 18, 2001)
- George D Gulevic MD Award, Stanford Department of Psychiatry (June 21, 1997)
- Laughlin Fellow, American College of Psychiatrists (1997)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine (1998) CA
- Residency: Stanford University School of Medicine (1997) CA
- PhD Training: University of Alabama School of Medicine (1989) AL
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2001)

- Internship: Stanford University Medical Center (1994) CA
- Medical Education: University of Alabama School of Medicine (1993) AL
- PhD, Univ Alabama at Birmingham , Cell and Molecular Biology (1989)

COMMUNITY AND INTERNATIONAL WORK

- Orphans and Vulnerable Children in Sub Saharan Africa, Zimbabwe, Namibia

LINKS

- OneChild Africa NGO: <http://www.onechildafrica.org>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My work is focused on novel interventional treatment approaches for treatment resistant unipolar and bipolar depression. We are currently enrolling patients with treatment refractory bipolar depression for a radiosurgical neuromodulation study. We are awaiting the start of enrollment for a DBS in unipolar depression study. I am also working with children in Sub Saharan Africa. Primarily I am focused on methods to assess well-being, and long term outcomes for these vulnerable children.

CLINICAL TRIALS

- International Study to Predict Optimised Treatment - in Depression, Recruiting
- 24-week Placebo-controlled Trial of Flibanserin Once Daily in Premenopausal Women With Hypoactive Sexual Desire Disorder, Not Recruiting
- Investigate Efficacy & Safety of RO4995819 vs. Placebo as Adjunct Tx in Patients w/Major Depressive Disorder, Not Recruiting
- Mifepristone in Refractory Depression, Not Recruiting
- Mifepristone Treatment for Patients With Non-psychotic Major Depressive Disorder Receiving Bilateral ECT, Not Recruiting
- Radiosurgical Neuromodulation for Refractory Depression, Not Recruiting
- Repetitive Transcranial Magnetic Stimulation (rTMS) for Treatment Resistant Bipolar Depression, Not Recruiting
- Treatment of Schizoaffective Disorder Using Mifepristone, Not Recruiting

Teaching

COURSES

2019-20

- Neurobiology of Depression: Why Depression Is A Brain Disorder And How Brain Stimulation May Treat It: PSYC 84Q (Win)

2018-19

- Neurobiology of Depression: Why Depression Is A Brain Disorder And How Brain Stimulation May Treat It: PSYC 84Q (Win)

Publications

PUBLICATIONS

- **Coping with the challenges of living in an Indonesian residential institution** *HEALTH POLICY*
Wanat, S., Whisnant, J., Reicherter, D., Solvason, B., Juul, S., Penrose, B., Koopman, C.
2010; 96 (1): 45-50
- **Reply regarding "efficacy and safety of transcranial magnetic stimulation in the acute treatment of major depression: a multisite randomized controlled trial".** *Biological psychiatry*
O'Reardon, J. P., Solvason, H. B., Janicak, P. G., Sampson, S., Isenberg, K. E., Nahas, Z., McDonald, W. M., Avery, D., Fitzgerald, P. B., Loo, C., Demitrack, M. A., George, M. S., Sackeim, et al
2010; 67 (2): e15-7

- **Cognitive Behavioral Analysis System of Psychotherapy and Brief Supportive Psychotherapy for Augmentation of Antidepressant Nonresponse in Chronic Depression** *ARCHIVES OF GENERAL PSYCHIATRY*
Kocsis, J. H., Gelenberg, A. J., Rothbaum, B. O., Klein, D. N., Trivedi, M. H., Manber, R., Keller, M. B., Leon, A. C., Wisniewski, S. R., Arnow, B. A., Markowitz, J. C., Thase, M. E.
2009; 66 (11): 1178-1188
- **Effects of major depression diagnosis and cortisol levels on indices of neurocognitive function** *PSYCHONEUROENDOCRINOLOGY*
Gomez, R. G., Posener, J. A., Keller, J., DeBattista, C., Solvason, B., Schatzberg, A. F.
2009; 34 (7): 1012-1018
- **Hippocampal and amygdalar volumes in psychotic and nonpsychotic unipolar depression** *AMERICAN JOURNAL OF PSYCHIATRY*
Keller, J., Shen, L., Gomez, R. G., Garrett, A., Solvason, H. B., Reiss, A., Schatzberg, A. F.
2008; 165 (7): 872-880
- **Efficacy of Duloxetine for the Treatment of Depression: Relationship to Most Recent Antidepressant Trial** *PSYCHOPHARMACOLOGY BULLETIN*
Petersen, T., Perlis, R. H., Ticknor, C., Lohr, J., Solvason, H. B., O'Reardon, J. P., Wohlreich, M. M., Andreotti, C., Wilson, M., Fava, M.
2008; 41 (1): 34-45
- **Coadministration of modafinil and a selective serotonin reuptake inhibitor from the initiation of treatment of major depressive disorder with fatigue and sleepiness - A double-blind, placebo-controlled study** *JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY*
Dunlop, B. W., Crits-Christoph, P., Evans, D. L., Hirschowitz, J., Solvason, H. B., Rickels, K., Garlow, S. J., Gallop, R. J., Ninan, P. T.
2007; 27 (6): 614-619
- **Efficacy and safety of transcranial magnetic stimulation in the acute treatment of major depression: A multisite randomized controlled trial** *BIOLOGICAL PSYCHIATRY*
O'Reardon, J. P., Solvason, H. B., Janicak, P. G., Sampson, S., Isenberg, K. E., Nahas, Z., McDonald, W. M., Avery, D., Fitzgerald, P. B., Loo, C., Demitrack, M. A., George, M. S., Sackeim, et al
2007; 62 (11): 1208-1216
- **Resting-state functional connectivity in major depression: Abnormally increased contributions from subgenual cingulate cortex and thalamus** *BIOLOGICAL PSYCHIATRY*
Greicius, M. D., Flores, B. H., Menon, V., Glover, G. H., Solvason, H. B., Kenna, H., Reiss, A. L., Schatzberg, A. F.
2007; 62 (5): 429-437
- **The neuropsychological profile of psychotic major depression and its relation to cortisol** *BIOLOGICAL PSYCHIATRY*
Gomez, R. G., Fleming, S. H., Keller, J., Flores, B., Kenna, H., DeBattista, C., Solvason, B., Schatzberg, A. F.
2006; 60 (5): 472-478
- **Cortisol circadian rhythm alterations in psychotic major depression** *BIOLOGICAL PSYCHIATRY*
Keller, J., Flores, B., Gomez, R. G., Solvason, H. B., Kenna, H., Williams, G. H., Schatzberg, A. F.
2006; 60 (3): 275-281
- **Clinical and biological effects of mifepristone treatment for psychotic depression** *NEUROPSYCHOPHARMACOLOGY*
Flores, B. H., Kenna, H., Keller, J., Solvason, H. B., Schatzberg, A. F.
2006; 31 (3): 628-636
- **A placebo-controlled, randomized, double-blind study of adjunctive bupropion sustained release in the treatment of SSRI-induced sexual dysfunction** *JOURNAL OF CLINICAL PSYCHIATRY*
DeBattista, C., Solvason, B., Poirier, J., Kendrick, E., Loraas, E.
2005; 66 (7): 844-848
- **A prospective trial of modafinil as an adjunctive treatment of major depression** *JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY*
DeBattista, C., Lembke, A., Solvason, H. B., Ghebremichael, R., Poirier, J.
2004; 24 (1): 87-90
- **Predictors of response in anxiety disorders** *PSYCHIATRIC CLINICS OF NORTH AMERICA*
Solvason, H. B., ERNST, H., Roth, W.
2003; 26 (2): 411-?
- **A prospective trial of bupropion SR augmentation of partial and non-responders to Serotonergic antidepressants** *JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY*

- Debattista, C., Solvason, H. B., Poirier, J., Kendrick, E., Schatzberg, A. F.
2003; 23 (1): 27-30
- **Psychological versus biological clinical interpretation: A patient with prion disease** *AMERICAN JOURNAL OF PSYCHIATRY*
Solvason, H. B., Harris, B., Zeifert, P., Flores, B. H., Hayward, C.
2002; 159 (4): 528-537
 - **Case report: Limbic system activation by intravenous lidocaine in a patient with a complex regional pain syndrome and major depression** *PAIN MEDICINE*
Leong, M. S., Solvason, H. B.
2000; 1 (4): 358-361
 - **Agranulocytosis associated with lamotrigine** *AMERICAN JOURNAL OF PSYCHIATRY*
Solvason, H. B.
2000; 157 (10): 1704-1704
 - **Pramipexole augmentation of a selective serotonin reuptake inhibitor in the treatment of depression** *JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY*
Debattista, C., Solvason, H. B., Breen, J. A., Schatzberg, A. F.
2000; 20 (2): 274-275
 - **Psychoneuroendocrine immunology: Perception of stress can alter body temperature and natural killer cell activity** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
Hiramoto, R. N., Solvason, H. B., Hsueh, C. M., Rogers, C. F., Demissie, S., Hiramoto, N. S., Gauthier, D. K., Lorden, J. F., Ghanta, V. K.
1999; 98 (1-2): 95-129
 - **ECT in dissociative identity disorder and comorbid depression** *JOURNAL OF ECT*
Debattista, C., Solvason, H. B., Spiegel, D.
1998; 14 (4): 275-279
 - **Treatment of psychotic depression** *AMERICAN JOURNAL OF PSYCHIATRY*
Debattista, C., Solvason, H. B., Belanoff, J., Schatzberg, A.
1997; 154 (11): 1625-1626
 - **A 25-year-old woman with hallucinations, hypersexuality, nightmares, and a rash** *AMERICAN JOURNAL OF PSYCHIATRY*
Stein, S. L., Solvason, H. B., Biggart, E., Spiegel, D.
1996; 153 (4): 545-551
 - **THE IDENTITY OF THE UNCONDITIONED STIMULUS TO THE CENTRAL-NERVOUS-SYSTEM IS INTERFERON-BETA** *JOURNAL OF NEUROIMMUNOLOGY*
Solvason, H. B., Ghanta, V. K., Hiramoto, R. N.
1993; 45 (1-2): 75-81
 - **A SIMPLE, SINGLE, TRIAL-LEARNING PARADIGM FOR CONDITIONED INCREASE IN NATURAL-KILLER-CELL ACTIVITY** *PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE*
Solvason, H. B., Ghanta, V. K., Soong, S. J., Rogers, C. F., Hsueh, C. M., Hiramoto, N. S., Hiramoto, R. N.
1992; 199 (2): 199-203
 - **MEASUREMENT OF THE THERMAL-DIFFUSIVITY OF HUMAN EPIDERMIS BY STUDYING THERMAL WAVE-PROPAGATION** *PHYSICS IN MEDICINE AND BIOLOGY*
Werner, U., Giese, K., Sennhenn, B., Plamann, K., Kolmel, K.
1992; 37 (1): 21-35
 - **A BEHAVIORAL AUGMENTATION OF NATURAL IMMUNITY - ODOR SPECIFICITY SUPPORTS A PAVLOVIAN CONDITIONING MODEL** *INTERNATIONAL JOURNAL OF NEUROSCIENCE*
Solvason, H. B., Ghanta, V. K., Lorden, J. F., Soong, S. J., Hiramoto, R. N.
1991; 61 (3-4): 277-288
 - **CONDITIONING - A NEW APPROACH TO IMMUNOTHERAPY** *CANCER RESEARCH*
Ghanta, V. K., Hiramoto, N. S., Solvason, H. B., Soong, S. J., Hiramoto, R. N.
1990; 50 (14): 4295-4299

- **CONDITIONED AUGMENTATION OF NATURAL-KILLER CELL-ACTIVITY - INDEPENDENCE FROM NOCICEPTIVE EFFECTS AND DEPENDENCE ON INTERFERON-BETA** *JOURNAL OF IMMUNOLOGY*

Solvason, H. B., Ghanta, V. K., Hiramoto, R. N.
1988; 140 (2): 661-665