

# Department of Psychiatry and Mental Health Research Report 2008

**Head of Department:** Professor Dan J. Stein

## Departmental Profile

The Department of Psychiatry and Mental Health is strongly committed to strengthening the integration between services, teaching, and research. Clinicians in each of the Divisions/Focus Areas of the Department (addiction psychiatry/psychology, child and adolescent psychiatry/psychology, consultation-liaison psychiatry/psychology, forensic psychiatry/psychology, inpatient psychiatry/psychology, intellectual disability, neuroclinic/psychotherapy, neuropsychiatry, and public and community mental health) are active in research in their particular areas. Thus clinical research in the Department covers key clinical problems that are relevant in the South African context, including behavioural and neuropsychiatric aspects of HIV/AIDS, substance use disorders (including fetal alcohol syndrome), adolescent risk-taking behaviour, posttraumatic stress disorder, and mental health policy and services.

In addition, the Department plays a key role in several cross-departmental and cross-institutional research initiatives:

- The Brain-Behaviour Initiative (BBI) is one of UCT's signature themes, and the Cross-University Brain-Behaviour Initiative (CUBB), involving UCT and the University of Stellenbosch is a NRF funded Research Niche Area. The initial focus of the BBI and CUBB is on trauma. More details of the aims, methods, and partners, are available at - <http://www.psychiatry.uct.ac.za/cubbi>
- The Adolescent Health Research Unit is examining adolescent risk-taking behaviour, predictors of school dropout, and violence in intimate adolescent relationships. Data analysis is in progress for two large school-based cluster randomised control trials of AIDS prevention.
- The WHO Collaborating Centre for Research and Training in Mental Health and the World Federation for Mental Health Collaborating Centre for Mental Health are housed in the Dept, and exemplify the Dept's commitment to mental health research policy. This work currently includes a large grant from the UK Department for International Development to examine mental health policy development and implementation in four African countries (the Mental Health and Poverty Project), and the implications of data from a nationally representative epidemiological sample for mental health policy.

## Departmental Statistics

### Permanent and long-term contract staff

Professors	3
Emeritus Professors	4
Associate Professors	3
Senior Lecturers	18
Lecturers	12
Research Staff	10
Administrative and Clerical Staff	2
<b>Total</b>	<b>55</b>

### Honorary Staff

Lecturers	7
Senior Lecturers	2
Professors	2
<b>Total</b>	<b>11</b>

### Students

Postdoctoral / Clinical Research Fellows	4
Doctoral	11
Masters	34
<b>Total</b>	<b>49</b>

### Research Fields and Staff

#### Addiction Psychiatry/Psychology

Substance use in psychosis (Henk Temmingh), Substance use and anxiety disorders (Don Wilson)

#### Child and Adolescent Psychiatry/Psychology

Adolescent risk behaviour and epidemiology of psychiatric disorder in children and adolescents (Alan Flisher), infant mental health (Astrid Berg), Evaluation of peer education interventions among adolescents (Sandra de Jager, Kathryn Pahl), Partner violence prevention among adolescents (Chantel LeFleur-Bellerose, Anik Gevers)

#### Consultation-Liaison Psychiatry/Psychology

Women's mental health, stress and pregnancy (Bavanisha Vythilingum)

#### Forensic Psychiatry/Psychology

Mentally ill offenders and femicide (Sean Kaliski and Tania Swart)

### Inpatient Psychiatry/Psychology

Phenomenology and genetics of psychotic disorders (Henk Temmingh, Leticia Daniels, Neil Horn, Khalid Dhansay, Tania Moolman-Timmermans)

### Intellectual Disability

Brain imaging and fetal alcohol syndrome (Colleen Adnams), brain imaging and autism (Judy Bentley)

### Neuroclinic/Psychotherapy

Intimate partner violence (Adele Marais), trauma and posttraumatic stress disorder (Jonathan Ipser, Pete Milligan, Zareena Parker, Dan Stein), Internet psychotherapy (Edith van't Hof)

### Neuropsychiatry

Neuropsychology of HIV, brain imaging and HIV (John Joska), ARV adherence (Nuruneesa Lalken)

### Public and Community Mental Health

Mental health and poverty, mental health policy and services (Alan Flisher, Sharon Kleintjies, Crick Lund, Sarah Skeen), Stigma (Ritz Kakuma)

## Contact Details

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## Research Output

### Authored books

Stein, D.J. 2008. *Philosophy of Psychopharmacology*. Cambridge, UK: Cambridge University Press. 1-210. ISBN 978-0-521-85652-2.

### Chapters in books

Joska, J. and Stein, D.J. 2007. Mood disorders. In R.E. Hales, S.C. Yudofsky and G.O. Gabbard (eds), *Textbook of Psychiatry: 505-504*. Fifth Edition. America: The American Psychiatric Publishing. ISBN 978-1-58562-257-3.

### Peer-reviewed Journals (DoE Accredited)

Brand, L., Groenewald, I., Stein, D.J., Wegener, G. and Harvey, B. 2008. Stress and re-stress increases conditioned taste aversion learning in rats: Possible frontal

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- Corrigall, J., Lund, C., Patel, V., Plagerson, S. and Funk, M. 2008. Poverty and mental illness: Fact or fiction? A commentary on Das, Do, Friedman, McKenzie & Scott. *Social Science & Medicine*, 66: 2061-2063.
- Davidson, J., Baldwin, D.S., Stein, D.J., Pedersen, R., Ahmed, A., Musgnung, M., Benattia, I. and Rothbaum, B.O. 2008. Effects of venlafaxine extended release on resilience in posttraumatic stress disorder: an item analysis of the Connor-Davidson Resilience Scale. *International Clinical Psychopharmacology*, 23(5): 299-303.
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- Frenkel, L. 2008. A support group for parents of burned children: A South African Children's Hospital Burns Unit. *Burns*, 34: 565-569.
- Ganasen, K.A., Parker, S., Hugo, C., Stein, D.J., Emsley, R. and Seedat, S. 2008. Mental Health Literacy: focus on developing countries. *African Journal of Psychiatry (Previously South African Psychiatry Review)*, 11(1): 23-28.
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- Korff, S., Stein, D.J. and Harvey, B. 2008. Stereotypic behaviour in the deer mouse: Pharmacological validation and relevance for obsessive-compulsive disorder. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 32(2): 348-355.

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- Plüddemann, A., Parry, C., Flisher, A.J. and Jordaan, E. 2008. Heroin users in Cape Town, South Africa: injecting practices, HIV-related risk behaviors, and other health consequences. *Journal of Psychoactive Drugs*, 40(3): 273-279.
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- Savitz, J., Van der Merwe, L., Newman, T.K., Solms, M., Stein, D.J. and Ramesar, R. 2007. The relationship between childhood abuse and dissociation. Is it influenced by catechol-O-methyltransferase (COMT) activity? *International Journal of Neuropsychopharmacology*, 11 : 149-161.
- Seedat, S., Haskis, A. and Stein, D.J. 2008. Benefits of consumer psychoeducation: a pilot program in South Africa. *International Journal of Psychiatry in Medicine*, 38(1): 31-42.
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- Stein, D.J., Baldwin, D.S., Baldinetti, F. and Mandel, F. 2008. Efficacy of pregabalin in depressive symptoms associated with generalized anxiety disorder: A pooled analysis of 6 studies. *European Neuropsychopharmacology*, 18(6): 422-430.

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Williams, D.R., Gonzalez, H.M., Williams, S.L., Mohammed, S.A., Moomal, H. and Stein, D.J. 2008. Perceived discrimination, race and health in South Africa. *Social Science & Medicine*, 67(3): 441-452.

#### **Peer-reviewed Journals (not DoE Accredited)**

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Ipser, J.C., Kariuki, C. and Stein, D.J. 2008. Pharmacotherapy for social anxiety disorder: a systematic review. *Expert Reviews. Neurotherapeutics*, 2(2): 235-257.

Stein, D.J. 2008. Classification of Anxiety Disorders: Dimensional Assessments, Intermediate Phenotypes, and Psychobiological Bases. *Current Psychiatry Reports*, 10: 287-289.

Stein, D.J. 2008. Pharmacotherapy of anxious depression. *Current Psychiatry Reports*, 10(4): 295-296.

Vythilingum, B. 2008. Anxiety disorders in pregnancy. *Current Psychiatry Reports*, 10(4): 331-335.

#### **Doctoral dissertations**

Vivian, L. 2008. Psychiatric disorder in Xhosa-speaking men following circumcision. 1-263. Supervised by B.A. Robertson and M. Hirst.