

Department of Psychiatry and Mental Health Research Report 2009

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, psychiatric Intensive Care, 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 spectrum disorder), 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.

Departmental Statistics

Permanent and long-term contract staff

Professors	3
Emeritus Professors	5
Associate Professors	3
Senior Lecturers	18
Lecturers	12
Research Staff	34
Administrative and Clerical Staff	2
Total	77

Honorary Staff

Lecturers	8
Senior Lecturers	2
Professors	3
Total	13

Students

Postdoctoral / Clinical Research Fellows	3
Doctoral	12
Masters	33
Total	48

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 and Srnka Flegar).

Forensic Psychiatry/Psychology

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

Psychiatric/Psychological Intensive Care

Phenomenology and genetics of psychotic disorders (Henk Temmingh, John Parker, Neil Horn, Peter Smith, Tania Moolman-Timmermans).

Intellectual Disability

Fetal alcohol spectrum disorder (FASD) neurobehaviour and brain imaging (Colleen Adnams), Psychiatric disorder in FASD (Liz Legg), 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

Neurocognitive disorders and neuropsychiatry of HIV, brain imaging and HIV (John Joska; Jackie Hoare), 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

Chapters in books

Jamieson, L. and Mukoma, W. 2009. Dikwankwetla - Children in Action: children's participation in the law reform process in South Africa. In B. Percy-Smith and N. Thomas (eds), *A Handbook of Children and Young People's Participation: perspectives from theory and practice*, pp. 73-82. New York: Routledge Journals, Taylor & Francis Ltd. ISBN 9780415468527.

Pillay, Y. and Flisher, A.J. 2008. Public Policy: A Tool to promote Adolescent Sexual and Reproductive Health. In K.-I. Klepp, A.J. Flisher and S.F. Kaaya (eds), *Promoting Adolescent Sexual and Reproductive Health in East & Southern Africa*, pp. 15-36. South Africa: HSRC Press. ISBN 9780796922106.

Articles in Peer-reviewed Journals

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Aarts, H. and van Honk, J. 2009. Testosterone and unconscious positive priming increase human motivation separately. *Neuroreport*, 20(14):1300-1303.

Ahmed, N., Flisher, A.J., Mathews, C., Mukoma, W. and Jansen, S. 2009. HIV education in South African Schools: the dilemma and conflicts of educators. *Scandinavian Journal of Public Health*, 37(2): 48-54.

Baldwin, D.S., Stein, D.J., Dolberg, O.T. and Bandelow, B. 2009. How long should a trial of escitalopram treatment be in patients with major depressive disorder, generalised anxiety disorder or social anxiety disorder? An exploration of the randomised controlled trial database. *Human Psychopharmacology-Clinical and Experimental*, 24: 269-275.

Bekele, Y.Y., Flisher, A.J., Alem, A. and Baheretebib, Y. 2009. Pathways to psychiatric care in Ethiopia. *Psychological Medicine*, 39: 475-483.

Burden, M.J., Andrew, C., Saint-Amour, D., Meintjes, E.M., Molteno, C.D., Hoyme, H.E., Robinson, L.K., Khaole, N., Nelson, C.A., Jacobson, J.L. and Jacobson, S.W. 2009. The effects of Fetal Alcohol Syndrome on response execution and inhibition: an event-related potential study. *Alcoholism-Clinical and Experimental Research*, 33(11): 1994-2004.

Chopra, M., Lawn, E., Sanders, D., Barron, P., Karim, S., Bradshaw, D., Jewkes, R., Abdool-Karim, Q., Flisher, A.J., Mayosi, B.M., Tollman, S., Churchyard, G.J. and Coovadia, H. 2009. Achieving the health Millennium Development Goals for South Africa: challenges and priorities. *Lancet*, 374: 1023-1031.

Cooper, P., Tomlinson, M.R., Swartz, L., Landman, M., Molteno, C.D., Stein, A., McPherson, K. and Murray, L. 2009. Improving quality of mother-infant relationship and infant attachment in socioeconomically deprived community in South Africa: randomised controlled trial. *British Medical Journal*, 338: 974-1004.

Daniels, W.M.U., Fairbairn, L.R., van Tilburg, G., McEvoy, C.R.E., Zigmond, M.J., Russell, V.A. and Stein, D.J. 2009. Maternal separation alters nerve growth factor and corticosterone levels but not the DNA methylation status of the exon 17 glucocorticoid receptor promoter region. *Metabolic Brain Disease*, 24: 615-627.

Dawes, A.R.L. and Flisher, A.J. 2009. Children's mental health in Afghanistan. *Lancet*, 374: 766-767.

De Milander, L., Stein, D.J. and Collins, M. 2009. The interleukin-6, serotonin transporter, and monoamine oxidase A genes and endurance performance during the South African Ironman Triathlon. *Applied Physiology Nutrition and Metabolism-Physiologie appliquee nutrition et metabolisme*, 34: 858-865.

Dodge, N.C., Jacobson, J.L., Molteno, C.D., Meintjes, E.M., Bangalore, S., Diwadkar, V., Hoyme, H.E., Robinson, L.K., Khaole, N., Avison, M.J. and Jacobson, S.W. 2009. Prenatal alcohol exposure and interhemispheric transfer of tactile information: Detroit and Cape Town findings. *Alcoholism-Clinical and Experimental Research*, 33: 1628-1637.

Draper, C.E., Lund, C., Kleintjies, S.R., Funk, M., Omar, M., Flisher, A.J. and MHaPP Research Programme Consortium, M. 2009. Mental health policy in South Africa: development process and content. *Health Policy and Planning*, 24: 342-356.

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Fawcett, J.A., Baldessarini, R.J., Coryell, W.H., Silverman, M.M. and Stein, D.J. 2009. Defining and managing suicidality in patients taking psychotropic medications. *Journal of Clinical Psychiatry*, 70: 1-8.

Ferrao, Y.A., Miguel, E. and Stein, D.J. 2009. Tourette's syndrome, trichotillomania, and obsessive-compulsive disorder: how closely are they related? *Psychiatry Research*, 170: 32-42.

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Funk, M., Lund, C., Freeman, M. and Drew, N. 2009. Improving the quality of mental health care. *International Journal for Quality in Health Care*, 21: 415-420.

Garner, M., Mohler, H., Stein, D.J., Mueggler, T. and Baldwin, D.S. 2009. Research in anxiety disorders: from the bench to the bedside. *European Neuropsychopharmacology*, 19: 381-390.

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Grimsrud, A., Stein, D.J., Seedat, S., Williams, D.R. and Myer, L. 2009. The association between hypertension and depression and anxiety disorders: results from a nationally-representative sample of South African adults. *PLoS ONE*, 4(5): e5552. doi:10.1371/journal.pone.0005552.

Herman, A., Stein, D.J., Seedat, S., Heeringa, S.G., Moomal, H. and Williams, D.R. 2009. The South African Stress and Health (SASH) study: 12-month and lifetime prevalence of common mental disorders. *SAMJ South African Medical Journal*, 99: 339-344.

Ipser, J.C. and Stein, D.J. 2009. A systematic review of the quality and impact of anxiety disorder meta-analyses. *Current Psychiatry Reports*, 11: 302-309.

Ipser, J.C., Stein, D.J., Hawkrigge, S.M. and Hoppe, L.J. 2009. Pharmacotherapy for anxiety disorders in children and adolescents. *Cochrane Database of Systematic Reviews*, 8(3). [Online]. <http://www.cochrane.org/reviews/en/ab005170.html>.

Ipser, J.C., Sander, C. and Stein, D.J. 2009. Pharmacotherapy and psychotherapy for body dysmorphic disorder. *Cochrane Database of Systematic Reviews*, 21(1): 1-31.

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Matsunaga, H., Nagata, T., Hayashida, K., Ohya, K., Kiriike, N. and Stein, D.J. 2009. A long-term trial of the effectiveness and safety of atypical antipsychotic agents in augmenting SSRI-refractory obsessive-compulsive disorder. *Journal of Clinical Psychiatry*, 70(6): 863-868.

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