
**Articles in peer-reviewed journals**


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**DEPARTMENT OF PSYCHIATRY AND MENTAL HEALTH**

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

**Departmental Profile**

The Department of Psychiatry and Mental Health is firmly committed to strengthening the integration between services, teaching, and research. Clinicians in each of the Divisions of the Department (addiction psychiatry, child and adolescent psychiatry, liaison psychiatry, forensic psychiatry, general psychiatry, intellectual disability, psychotherapy, neuropsychiatry, psychopharmacology and biological psychiatry, 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 located within the Division of Psychopharmacology and Biological Psychiatry, and is one of UCT’s signature themes. The initial focus of the BBI was on trauma, but it has extended to include neuroHIV and substance use disorders. More details of the aims, methods, and partners, are available at – [www.health.uct.ac.za/research/groupings/bbi/overview/](http://www.health.uct.ac.za/research/groupings/bbi/overview/)

- The Adolescent Health Research Unit is located within the Division of Child and Adolescent Psychiatry, and is examining adolescent sexual behaviour, violence in intimate adolescent relationships, and other aspects of adolescence.

- The Alan J Flisher Centre for Public Mental Health is located with the Division of Public and Community Mental Health and addresses a range of questions in mental health policy and implementation science, and offers advanced training in public mental health. The Centre currently conducts research in 9 low and middle-income countries in Africa and south Asia, including the Programme for Improving Mental health care (PRIME) ([www.prime.uct.ac.za](http://www.prime.uct.ac.za)), the Africa Focus on Intervention Research for Mental Health ([AFFIRM](http://www.afirm.uct.ac.za)), and...
Emerging Mental Health systems in low and middle-income countries (EMERALD) research and capacity building initiatives. Within the Centre, The Perinatal Mental Health Project (PMHP) contributes research on maternal mental health from its own service and training initiatives as well as in collaboration with other partners.

- The HIV Mental Health Unit is newly accredited, within the Division of Neuropsychiatry. Its research focus is neurobiology of HIV-associated neurocognitive disorders in children and adults; and neuro-behavioural aspects of HIV, including adherence, and interventions to improve care. The Unit is funded by the NIMH, EDTCP and MRC.

Research highlights from 2014

- The Department continues to be successful when competing for international grants. Several major grants were awarded this year:
  - NIH grants were awarded to Jackie Hoare (HIV prevention in adolescents), John Joska (HIV psychotherapy in women with histories of sexual trauma, as well as a grant to study the feasibility and validity of tablet-based screening for HIV-associated neurocognitive disorders), and Dan Stein (ENIGMA- HIV Imaging- a multi-site consortium grant).
  - The Wellcome Trust awarded a grant to Bronwyn Myers and Katherine Sorsdahl to study two approaches to integrating mental health assessment and treatment into chronic disease care (Project MIND).
  - We have also secured several PhD grants and post-doctoral grants (including 3 from the prestigious new MRC PhD scheme) and a NRF midcareer grant (to Jonathan Ipser)

Departmental Statistics

Permanent and Long-Term Contract Staff

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<td>Professors</td>
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<td><strong>Total</strong></td>
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Honorary Staff

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Students and postdoctoral fellows

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<td>Master’s</td>
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<td><strong>Total</strong></td>
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Research Fields and Staff

ADDITION PSYCHIATRY
Substance use and anxiety disorders (Don Wilson); Interventions (Katherine Sorsdahl, Sonja Pasche)

CHILD AND ADOLESCENT PSYCHIATRY
Adolescent risk behaviour (Cathy Mathews), infant mental health (Astrid Berg), autism and pervasive development disorders (Petrus de Vries).

CONSULTATION-LIAISON PSYCHIATRY
Liaison psychiatry and HIV (Jackie Hoare and Kerry Louw), pain (Louise Frenkel)

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

GENERAL PSYCHIATRY
mHealth interventions (Pete Milligan), bipolar disorder (Neil Horn), substance-induced psychosis (Henk Temmingh), clinical audit (Robin Allen).

INTELLECTUAL DISABILITY
Fetal alcohol spectrum disorder (FASD) neurobehaviour and brain imaging (Colleen Adnams)

PSYCHOTHERAPY
Intimate partner violence (Adele Marais), Recovery in serious mental illness (Sharon Kleintjes)

NEUROPSYCHIATRY
Neurocognitive disorders and neuropsychiatry of HIV, brain imaging and HIV (John Joska, Carla Freeman, Jonathan Ipser), ARV initiation and adherence (John Joska and Hetta Gouse), improving coping in women with histories of sexual trauma, and screening for cognitive disorders (John Joska, Dan Stein).
PSYCHOPHARMACOLOGY AND BIOLOGICAL PSYCHIATRY
Brain imaging (Samantha Brooks, Jonathan Ipser), Neurogenetics (Nastassja Koen), Evidence-based psychopharmacology (Dan Stein, Taryn Amos)

PUBLIC MENTAL HEALTH
Mental health policy and services (Crick Lund), Green psychiatry (John Parker)

Contact Details
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UCT General enquiries: +27 21 650 9111
UCT web: www.uct.ac.za

Research Output

Chapters in books


Articles in peer-reviewed journals


Atwoli, L., Knock, M.K., Williams, D.R. and Stein, D.J. 2014. Association between parental psychopathology and suicidal behavior among adult offspring: results from the...


Bruwer, B., Govender, R., Bishop, M., Williams, D.R., Stein, D.J. and Seedat, S. 2014. Association between childhood adversities and long-term suicidality among South Africans from the results of the South African...


label extension of the randomised EXIST-1 study. Lancet Oncology, 15: 1513-1520.


Jacobson, S.W. and Jacobson, J.L. 2014. The risk of low-to-moderate prenatal alcohol exposure on child academic underachievement and behaviour may be difficult to
measure and should not be underestimated. Evidence-Based Medicine, 19(2): e7.


Kwiatkowski, M., Roos, A., Stein, D.J., Thomas, K. and Donald, K.A.M. 2014. Effects of prenatal


Myers, B.J., Kline, T.L., Doherty, I.A., Carney, T. and Wechsberg, W.M. 2014. Perceived need for substance use treatment among young women from

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disadvantaged communities in Cape Town, South Africa. BMC Psychiatry, 14: 100(1-10).


Pladdock, A., Morojele, N., Myers, B.J., Townsend, L., Lombard, C., Petersen Williams, P., Carney, T. and Nel, E. 2014. The prevalence of risk for mental health problems among high school students in the Western


Sorsdahl, K., Stein, D.J., Carrara, H. and Myers, B.J. 2014. Problem solving styles among people who use alcohol


