

UCT RESEARCH STRUCTURES

DEPARTMENTS

FORMAL RESEARCH GROUPS

DST/NRF SA RESEARCH CHAIRS INITIATIVE

FACULTY OF SCIENCE

» Department of Archaeology » Department of Astronomy » Department of Biological Sciences » Department of Chemistry » Department of Computer Science » Department of Environmental and Geographical Science » Department of Geological Sciences » Department of Mathematics and Applied Mathematics » Department of Molecular and Cell Biology » Department of Oceanography » Department of Physics » Department of Statistical Sciences

» Animal Demography Unit » Biopharming Research Unit » Centre for Supramolecular Chemistry Research » Centre for Theoretical & Mathematical Physics » Centre for Information & Communications Technologies for Development » Marine Research Institute » Nanosciences Innovation Centre » Nansen-Tutu Centre for Marine Environmental Research » Research Centre in Astrophysics, Cosmology and Gravitation » Scientific Computing Research Unit » Centre for Statistics in Ecology, Environment and Conservation » UCT-CERN Research Centre » MRC/UCT Drug Discovery & Development Research Unit

» Animal Evolution and Systematics » Applied Proteomics and Chemical Biology » Astrophysics and Space Science » Climate Change » Computational Mechanics » Environmental and Social Dimensions of the Bio-economy » Marine Ecology and Fisheries » Modelling of the Coupled Ocean-Land-Atmosphere Phenomena Related to Climate » Multi-wavelength Astronomy at UCT » Scientific Computing » Staple Isotopes in Archaeology and Palaeoenvironmental Studies

FACULTY OF ENGINEERING & THE BUILT ENVIRONMENT

» School of Architecture, Planning and Geomatics » Department of Chemical Engineering » Department of Civil Engineering » Department of Construction Economics and Management » Department of Electrical Engineering » Department of Mechanical Engineering

» African Centre for Cities » Blast Impact & Survivability Research Unit » Centre for Bioprocess Engineering Research » Centre for Catalysis Research » Centre for Materials Engineering » Centre for Minerals Research » Centre for Research in Computational and Applied Mechanics » Centre for Research in Engineering Education » Centre for Transport Studies » Concrete Materials and Structural Integrity Research Unit » Crystallisation and Precipitation Research Unit » Energy Research Centre » Sasol Advanced Fuels Laboratory Unit » Urban Water Management Research Unit

» Bioprocess Engineering » Catalysis » Minerals Beneficiation » Urban Policy » Computational Fluid Dynamics » Reaction Engineering

FACULTY OF LAW

» Department of Commercial Law » Department of Private Law » Department of Public Law

» Centre of Criminology » Institute of Development & Labour Law » Intellectual Property Research Unit

» Customary Law » Security and Justice

FACULTY OF HEALTH SCIENCES

» Adolescent Health Research Unit » Albertina and Walter Sisulu Institute for Ageing in Africa » Cardiovascular Research Unit » Centre for Infectious Disease Epidemiology Research » Centre for Environmental and Occupational Health Research » Desmond Tutu HIV Centre » Gender, Health and Justice Research Unit » Hatter Institute of Cardiology Research » Health Economics Unit » HIV Mental Health Unit » Institute of Infectious Disease and Molecular Medicine » Lung Infection and Immunity Unit » MRC/UCT Cape Heart Centre » MRC/UCT Drug Discovery & Development Research Unit » MRC/UCT Human Genetics Research Unit » MRC/UCT Immunology of Infectious Diseases Unit » MRC/UCT Medical Imaging Research Unit » MRC/UCT Receptor Biology Research Group » MRC/UCT Research Unit for Exercise Science and Sports Medicine » MRC/NHLS/UCT Molecular Mycobacteriology Research Unit Structural Biology Research Unit » UCT Leukaemia Unit Women's Health Research Unit

» Department of Anaesthesia » Department of Clinical Laboratory Sciences » Department of Health and Rehabilitation Sciences » Department of Human Biology » Department of Medicine » Department of Obstetrics and Gynaecology » Department of Paediatrics and Child Health » Department of Psychiatry and Mental Health » Primary Health Care Directorate » School of Public Health and Family Medicine » Department of Radiation Medicine » Department of Surgery

» Brain and Imaging » Cancer Biology » Clinical Neurosciences Research » Drug Discovery » Health and Wealth in South Africa » Immunology of Infectious Diseases in Africa » Infection and Immunity of Poverty-related Diseases » Vaccinology

FACULTY OF COMMERCE

» College of Accounting » School of Economics » Department of Finance and Tax » Graduate School of Business » Department of Information Systems » School of Management Studies

» African Collaboration for Quantitative Finance and Risk Research » Advancement of Business Competitiveness » Centre for Actuarial Research » Centre for Information Technology and National Development in Africa » Development Policy Research Unit » Environmental-Economics Policy Research Unit » Policy Research in International Services and Manufacturing » Research Unit in Behavioural Economics and Neuroeconomics » Southern Africa Labour and Development Research Unit » The UCT Tourism and Events Research Unit

» Economic Growth, Poverty and Inequality: Exploring the Interactions for South Africa » Poverty and Inequality Research

FACULTY OF HUMANITIES

» School of African and Gender Studies, Anthropology and Linguistics » Department of Drama » School of Education » Department of English Language and Literature » Centre for Film and Media Studies » Michaelis School of Fine Art » Department of Historical Studies » School of Languages and Literatures » South African College of Music » Department of Philosophy » Department of Political Studies » Department of Psychology » Department of Religious Studies » Department of Social Development » Department of Sociology

» African Cinema Unit » Centre for Contemporary Islam » Centre for Rhetoric Studies » Centre for Social Science Research » Institute for Comparative Religion in Southern Africa » Kaplan Centre for Jewish Studies and Research » Centre for Curating the Archive

» Archive and Public Culture » Islam, African Publics and Religious Values » Land Reform and Democracy in South Africa » Migration, Language and Social Change

CENTRE FOR HIGHER EDUCATION DEVELOPMENT

» Academic Development Programme » Centre for Educational Technology » Higher and Adult Education Studies and Development Unit » Centre for Open Learning

NATIONAL CENTRES OF EXCELLENCE AND COMPETENCE CENTRES

Centres of Excellence are awarded nationwide by the DST through the NRF. These physical or virtual centres of research are intended to concentrate existing research excellence, capacity and resources to enable researchers to collaborate across disciplines and institutions on long-term projects that are locally relevant and internationally competitive.

» DST/NRF Centre of Excellence in Birds as Key to Biodiversity Conservation

» DST/NRF Centre of Excellence in Catalysis, c*change » DST Hydrogen Catalysis Competence Centre, HySA/catalysis

» UCT Node of the DST/NRF Centre of Excellence for Biomedical TB Research

UCT SIGNATURE THEMES FOR RESEARCH

Signature Themes are research hubs that encourage collaborative, interdisciplinary research in prioritised areas.

» African Centre for Cities » African Climate and Development Initiative » Brain and Behaviour Initiative » Drug Discovery » Marine Research Institute » Minerals to Metals

UNIVERSITY STRATEGIC INITIATIVES

Four institution-wide, interdisciplinary university strategic initiatives were introduced by the Vice-Chancellor to address critical national social challenges.

» African Climate and Development Initiative » Poverty and Inequality Initiative » Safety and Violence Initiative » Schools Improvement Initiative