



**Stellenbosch**

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forward together  
sonke siya phambili  
saam vorentoe

Addendum to the Rector's Management Report to Senate and Council, June 2022:

**Latest research grants**

Our Faculty of Science reported in March that **Prof Bert Klumperman** of Chemistry and Polymer Science had been awarded a **Wellcome Trust** grant of R18 million to develop next-generation polymers for the successful isolation of membrane proteins. The project kicked off on 1 March and will run over five years.

In the meantime, the **South African Medical Research Council** issued a call for proposals of Covid-related research in May. SU submitted 20 applications, of which the following 18 were approved (see list below). These projects all kicked off in 2022 and will run for two to three years.

Name	Department	Faculty	Title
Dr Deepthi Abraham	Paediatrics and Child Health	Medicine and Health Sciences	Whole-genome sequencing of children with multisystem inflammatory syndrome associated with Covid-19
Prof Ronelle Burger	Economics	Economic and Management Sciences	Vulnerability, informal settlements and Covid-19 infections
Prof A-M Engelbrecht	Physiological Sciences	Science	Covid and cancer: Collectively catastrophic
Prof Susan Hanekom	Physiotherapy	Medicine and Health Sciences	Long-term rehabilitation needs of Covid-19 critical-care survivors
Prof Sian Megan & Joanna Hemmings	Psychiatry	Medicine and Health Sciences	Role of host genetics in the association between long-Covid and neuropsychiatric symptom
Dr Danzil Joseph	Physiological Sciences	Science	Investigating the effect of hyperglycaemia-mediated protein modification of angiotensin-converting enzyme-2 on SARS-CoV-2 spike variant binding in endothelial cells and pancreatic beta-cells
Prof Shaheen Kagee	Psychology	Arts and Social Sciences	Psychosocial aspects of the Covid-19 pandemic among nurses and patients living with diabetes
Prof Catherine Kaschula	Chemistry and Polymer Science	Science	Targeting cell-surface vimentin with small-molecule inhibitors to inhibit SARS-CoV-2 infection
Dr Lieketseng Ned	Centre for Rehabilitation Studies	Medicine and Health Sciences	Health-system Covid-19 responses and experiences of people with disabilities, and of disability and rehabilitation practitioners in the Eastern Cape

Name	Department	Faculty	Title
Dr Lungiswa Nkonki	Health Systems and Public Health	Medicine and Health Sciences	Public health emergency preparedness and response: Lessons from the easing of competition law as a response to the Covid-19 pandemic to achieve universal health coverage in SA
Dr Juliet Nyasulu	Public Health	Medicine and Health Sciences	Maintaining maternal and child-health essential services during the Covid-19 pandemic: A call to strike the health systems balance
Dr Chioma Ohajunwa	Global Health	Medicine and Health Sciences	<i>Ukulungisa</i> (finding balance) in the times of the Covid-19 pandemic: Experiences of culture, resilience and wellbeing in an indigenous Xhosa community in South Africa
Prof Resia Pretorius	Physiological Sciences	Science	A South African registry for long-Covid and accompanying co-morbidities to study long-term effects on blood clotting and circulating biomarkers
Dr Rizwana Roomaney	Psychology	Arts and Social Sciences	Identifying factors influencing attitudes towards Covid-19 vaccine uptake
Prof Mark Tomlinson	Institute for Life Course Health Research	Medicine and Health Sciences	Disaster and pandemic preparedness: A community-based approach to behaviour change using vaccine hesitancy as a case study
Dr Leigh van den Heuvel	Psychiatry	Medicine and Health Sciences	The feasibility, acceptability and efficacy of a mental health self-management app in clinicians working during the Covid-19 pandemic: A randomised controlled trial
Dr Marieke van der Zalm	Paediatrics and Child Health	Medicine and Health Sciences	The long-term consequences of SARS-CoV-2 on lung health in young South African children
Prof Willem van Otterlo	Chemistry and Polymer Science	Science	Novel irreversible SARS-CoV-2 main protease inhibitors