



**Stellenbosch**  
UNIVERSITY  
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UNIVERSITEIT

forward together  
sonke siya phambili  
saam vorentoe

**DIVISION OF MOLECULAR BIOLOGY AND HUMAN GENETICS**  
**FACULTY OF MEDICINE AND HEALTH SCIENCES**

**SOCIETAL**

**IMPACT**

**REPORT**

**2021**



**CENTRE OF EXCELLENCE  
FOR BIOMEDICAL  
TB RESEARCH**



**CENTRE FOR  
TUBERCULOSIS  
RESEARCH**

# OUR MANDATE

The South African Medical Research Council (SAMRC) Centre for Tuberculosis Research is committed to facilitate the translation of our research findings both to the communities we serve in the form of science engagement, and to policymakers through feedback sessions; thereby, contributing to building a public and policymaker understanding of health, drivers of ill-health, and practice, interventions and technologies that can prevent ill-health and strengthen health services.

## OUR VISION

To promote meaningful engagement, aim to advance community knowledge, empower communities to take ownership of their health and enthusiasm South African youth around STEM careers.

## OUR MISSION

To engage in innovative, inclusive, sustainable and transformative engagement with the individuals, social groups, organizations and institutions we serve.

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# FOREWORD BY OUR

# UNIT DIRECTOR

Societal impact remains a strategic priority contributing towards the success of the SAMRC Centre for Tuberculosis Research (CTR) and translation of our research findings into public understanding, policy and practice.

Our team is committed to teaching and training the next generation of young scientific leaders in a holistic environment, which sees the marry of scientific excellence and innovative public engagement as an integral part of research culture and practice.

This past year has been a continued testament to the value and commitment of the CTR with regards to societal impact, despite the many challenges faced as a result of restrictions in place during the Covid-19 pandemic.

I would like to express my sincere thanks to all CTR staff and students

for their involvement in and support of our Centre's societal impact efforts to share, learn and grow together with communities we serve in the fight against tuberculosis (TB).

May we continue to innovate, inspire and collaborate towards a brighter future for South Africa.

Sincerely

**PROFESSOR ROBIN WARREN**

CTR Unit Director



# FOREWORD BY OUR DIVISIONAL HEAD

Stellenbosch University's Division of Molecular Biology and Human Genetics (MBHG) operates in partnership with the SAMRC Centre for TB Research (CTR) and the DSI-NRF Centre of Excellence for Biomedical Tuberculosis Research (CBTBR) towards a common goal to improve the quality of life for South Africans.

Through these collective efforts, we aim to foster an ethos of socially responsible clinical research that address the specific healthcare needs of the South African people within our context.

To this end, our societal impact efforts are embedded in our research activities to promote inclusive, transparent and accountable research that bridges the divide between science and society.

I am honoured to lead such an incredible team of researchers who are not only dedicated to the scientific innovations of our

institution but also the communities that we serve.

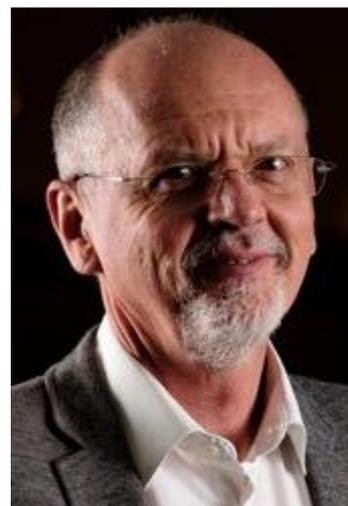
Thank you to the Societal Impact Task Team (SITT) and all our students, support staff and scientists who volunteered their time and efforts to make science accessible to all.

Let us remain world leaders in scientific advancements and pioneering community-centred engagement efforts.

Sincerely

**PROFESSOR GERHARD WALZL**

Head of the MBHG Division



# FOREWORD BY OUR SOCIETAL IMPACT

# CHAIRPERSON

I was afforded the privilege of leading the Societal Impact Task Team (SITT) as Chairperson for another term in 2021 and what an exceptional year has been.

Our year started with a complete revitalisation of SITT, a renewed vision and mission, as well as new members with novel ideas, diverse insights, and an enthusiastic spirit.

We as an organisation continue to improve, innovate and make space for passionate young minds with distinct perspectives on the place and space of science in society. Only in doing this, can we become an inclusive, responsive and relevant servant of civil society.

As I reflect on this past year, I am immensely proud of what our team and volunteers have achieved notwithstanding the many challenges presented by the Covid-19 pandemic.

Lastly, we bid farewell to our vice-

chairperson, Dr Taime Sylvester, who has been an integral part of the establishment and success of SITT and a role model to many, myself included, in terms of what it means to be an engaged, accountable researcher and leader. We wish her all the very best in her new venture and look forwards to collaborating with her in the future.

Sincerely

**DANNIELLE KENNY**

SITT Chairperson



## INTRODUCTION

In keeping with our Centre's vision for social impact, the CTR aims to promote meaningful, inclusive, and sustainable engagement to catalyse positive change in the health of our nation. Our engagement strategy incorporates a transformative focus with features of reciprocity, mutuality and partnership between the division and various stakeholders and role-players in society. We will intentionally seek mutual benefit between the MBHG Division and external societal partners in our goal to address inequality and other underlying causes of ill health in South Africa.

We strive to achieve the National Development Plan 2030 goals and contribute towards the United Nations Sustainable Development Goals (SDGs) 3 (ensure healthy lives and promote well-being for all at all ages), 4 (ensure inclusive and equitable quality education and promote lifelong learning opportunities for all) and 5 (achieve gender equality and empower all women and girls). In response to the social restrictions imposed due to the Covid-19 pandemic, the CTR made every effort to adapt our public engagement strategy to ensure active engagement with key stakeholders during the reporting period.

A summary of the societal impact activities of the CTR for 2021 organised into four categories according to the type of engagement strategy utilized, namely science communication, community engagement initiatives, public awareness events and social outreach activities, are listed below.

## PART A: SCIENCE COMMUNICATION

**Aimed at engaging a wide audience, facilitating mass communication, and providing news to people throughout the country and abroad to facilitate translation of research findings into a format accessible to the public, including but not limited to policymakers, community leaders, healthcare professionals, science-enthused youth and NPO.**

Activities within this category include (1) media interviews with journalists, radio interviews, TV appearances, podcast appearances, dedicated science-centred social media accounts, STEM-focused social media campaigns and live streaming

events; (2) popular science pieces such as press releases, evidence briefs, e- or printed newspaper articles, opinion pieces, blog posts, websites, and newsletters; as well as (3) educational presentations. Activities within this category include formal seminars, round table discussions, feedback meetings with key stakeholders, academic meetings with scientific peers and science-related training workshops with non-scientific target audiences.

A comprehensive list of our Centre’s science communication activities together with a brief description and in-text links to the various online resources for the reporting period are listed below.

Date	Delivery Mode	CTR Member	Description
<b>MEDIA INTERVIEWS</b>			
11-02-21	Social Media post	Prof Shahida Moosa	Recorded interview highlighting recognition of Prof Moosa, the only Medical Geneticist in South Africa, to have a C2 National Research Foundation Rating (2021). <a href="#">[View]</a>
11-02-21	Social Media Post	Dr Taimé Sylvester	Talks@StellenboshUni Podcast interview featuring MBHG postdoctoral research fellow Dr Taimé Sylvester shared in honour of International Day of Women and Girls in Science. <a href="#">[Listen]</a>
27-02-21	Radio Interview	Dr Charissa Naidoo	Featured on Capitol Radio with Toki Mohoto for the This is Africa: Womandla! Segment. Dr Naidoo discussed her recently awarded L'Oréal-UNESCO For Women in Science fellowship and research efforts investigating site-of-disease lung microbiome and immune signatures in active tuberculosis patients from a high-burden HIV setting. <a href="#">[Listen]</a>

28-02-21	Social Media Post	Prof Shahida Moosa	Launch of #SciTalks vlog series which aims to put a face to science and our institute as well as highlight the amazing efforts of our staff and students. Our first episode featured Prof Shahida Moosa, head of the Rare Disease Genomics Research group within the MBHG division, in honour of Rare Disease Day 2021. <a href="#">[View]</a>
23-03-21	Social Media Post	Ms Loren Rockman	The first of three researcher interviews featuring talented young scientists within our division, focusing on different aspects of tuberculosis research as part of the Science Spaza marketing campaign for the 4-page activity worksheet titled “Fighting TB – Cracking the Code”. These interviews contained clues linked to the competition listed in the Activity worksheet. <a href="#">[View]</a>
24-03-21	Social Media Post	Ms Christina Meiring	The second of three researcher interviews featuring talented young scientists within our division, focusing on different aspects of tuberculosis research as part of the Science Spaza marketing campaign for the 4-page activity worksheet titled “Fighting TB – Cracking the Code”. These interviews contained clues linked to the competition listed in the Activity worksheet. <a href="#">[View]</a>
24-03-21	TV interview	Prof Gerhard Walzl	Head of the MBHG division, Prof Walzl was interviewed by Melanie Rice on ETV news regarding the importance of dual screening, bidirectional case

			finding and the need to maintain healthcare services for all diseases and conditions regardless of the covid-19 pandemic.
25-03-21	Social Media Post	Mr Soyama Nyangwa	The last of three researcher interviews featuring talented young scientists within our division, focusing on different aspects of tuberculosis research as part of the Science Spaza marketing campaign for the 4-page activity worksheet titled “Fighting TB – Cracking the Code”. These interviews contained clues linked to the competition listed in the Activity worksheet. [ <a href="#">View</a> ]
26-04-21	Social Media Post	Ms Caitlyne Young	MBHG research assistant, Caitlyne Young, participated in the SA Medical Research Council World Immunization Week campaign in which individuals were interviewed regarding their personal opinions regarding the covid-19 vaccine with the aim to raise awareness around vaccination and the importance thereof. [ <a href="#">View</a> ]
27-04-21	Social Media Post	Dr Rouxjeane Venter	MBHG postdoctoral research fellow Dr Venter participated in the SA Medical Research Council World Immunization Week campaign in which individuals were interviewed regarding their personal opinions regarding the covid-19 vaccine with the aim to raise awareness around vaccination and the importance thereof. [ <a href="#">View</a> ]
28-04-21	Social Media Post	Ms Leah Mwendwa	MBHG MSc candidate Ms Mwendwa participated in the SA Medical Research

			Council World Immunization Week campaign in which individuals were interviewed regarding their personal opinions regarding the covid-19 vaccine with the aim to raise awareness around vaccination and the importance thereof. <a href="#">[View]</a>
05-05-21	Research Interview	Dr Liezel Smith and Ms Dannielle Moore	The African Academy of Sciences is currently developing a guideline for researchers in Africa on Community and Public Engagement. As societal impact representatives of the MBHG division, we were invited for an interview conducted by Chakana Consulting to discuss our experiences of societal impact and lessons learned to offer guidance on what practices would be best to include in a guide of this nature.
31-05-21	YouTube interview	Mr Charles Manyelo	2-part interview conducted by digital creator Rixongile Malomane, to discuss PhD candidate Charles Manyelo's academic journey as a medical scientist. This interview was posted on Instagram to increase visibility. <a href="#">[View]</a>
01-06-21	YouTube interview	Mr Charles Manyelo	2-part interview conducted by digital creator Rixongile Malomane, to discuss PhD candidate Charles Manyelo's advice on how to deal with pressures during postgraduate studies. This interview was posted on Instagram to increase visibility. <a href="#">[View]</a>
14-06-21	YouTube interview	Ms Malebo Malope	3-part interview conducted by digital creator Rixongile Malomane, to discuss Malebo Malope's academic journey as

			the First Black Genetic Counsellor in South Africa. This interview was posted on Instagram to increase visibility. <a href="#">[View]</a>
15-06-21	YouTube interview	Ms Malebo Malope	3-part interview conducted by digital creator Rixongile Malomane, to discuss Malebo Malope's experience adjusting to Cape Town during her studies and where to find work as a genetic counsellor. This interview was posted on Instagram to increase visibility. <a href="#">[View]</a>
15-06-21	Radio Interview	Mr Charles Manyelo	The MBHG Hip Hop initiative was featured on Lesedi FM in the form of a 15min telephonic interview with PhD candidate Charles Manyelo in honour of Youth Month for the SABC Education programme. Lesedi FM is number four amongst the TOP TEN national favourite Radio Stations in South Africa and in Gauteng Province with over 3 million listeners. The interview was conducted in Sepedi for the benefit of station listeners enabling dissemination of this initiative with hard-to-reach audiences excluded due to language barriers.
16-06-21	YouTube interview	Ms Malebo Malope	3-part interview conducted by digital creator Rixongile Malomane, to discuss Malebo Malope's next steps in her career and a good work-life balance. This interview was posted on Instagram to increase visibility. <a href="#">[View]</a>
23-06-21	Radio Interview	Ms Chrystal Steyl	MSc candidate Chrystal Steyl was invited for an interview with Valtaar FM

			following participation in the SAMRC Youth Month Webinar series. The pre-recorded interview was aired on Wednesday 23 June at 15h45.
05-08-21	Instagram Live	Dr Taimé Sylvester and Ms Dannielle Moore	Introductory session to “The woman behind the science” Instagram Live series hosted in honour of Woman’s Month which aimed to explore the untold journeys of inspirational #WomanInSTEM <a href="#">[View]</a>
10-08-21	Instagram Live	Dr Caroline Beltran	Dr Beltran, a postdoctoral researcher within the MBHG division, featured as the first invited guest in the MBHG “The woman behind the science” Instagram Live series to share her scientific journey, hobbies and views on #WomanInSTEM <a href="#">[View]</a>
12-08-21	Instagram Live	Dr Megan Hendrikse	Dr Hendrikse, Lab manager of the CLIME Research group within the MBHG division, featured as an invited guest in the MBHG “The woman behind the science” Instagram Live series to share her scientific journey and advice for young woman in STEM <a href="#">[View]</a>
13-08-21	Social Media Post	Dr Brigitte Glanzmann	Dr Glanzmann, a junior researcher at the SAMRC Genomics Centre and member of the TB host Genetics group researcher within MBHG was featured in the SAMRC Champion Woman campaign in celebration of Woman’s Month 2021. <a href="#">[Read]</a>
16-08-21	Instagram Live	Dr Margaret Nolan	Dr Nolan, a postdoctoral researcher within the MBHG division, featured as an invited guest in the MBHG “The woman behind the science” Instagram

			Live series to share her scientific journey and advice for young woman in STEM <a href="#">[View]</a>
19-08-21	Instagram Live	Prof Samantha Sampson	Prof Sampson, head of the Mycobactomics Research group within the MBHG division, featured as an invited guest in the MBHG “The woman behind the science” Instagram Live series to share her experience as a professional within the academic field and how to overcome daily challenges <a href="#">[View]</a>
19-08-21	Online Article & Social Media Post	Dr Desiree Peterson	Dr Peterson, newest specialist scientist with the SAMRC Centre for TB research and senior researchers within the TB host Genetics group at MBHG was featured in the National Research Foundation (NRF) Womens Month 2021 campaign celebrating the Women of the NRF who are Advancing Knowledge, Transforming Lives and Inspiring a Nation. <a href="#">[Read]</a>
23-08-21	Instagram Live	Dr Rebecca Tadokera	Dr Tadokera, a senior researchers in the CLIME Research group within the MBHG division, featured as an invited guest in the MBHG “The woman behind the science” Instagram Live series to share her personal journey in science and advice for young professionals in their career journey <a href="#">[View]</a>
25-08-21	Social Media Post	Prof Marlo Möller	Prof Möller, specialist scientist with the SAMRC Centre for TB research and leader of the TB host Genetics group at MBHG was featured in the SAMRC Champion Woman campaign in

			celebration of Woman’s Month 2021. <a href="#">[Read]</a>
25-08-21	Social Media Post	Dr Leanie Kleynhans	Dr Kleynhans, head of the TB Diabetes lab within the SU Immunology Research Group at MBHG was featured in the SAMRC Champion Woman campaign in celebration of Woman’s Month 2021. <a href="#">[Read]</a>
25-08-21	Social Media Post	Dr Taimie Sylvester	Dr Sylvester, a postdoctoral researcher within the TB genomics Research Group at MBHG was featured in the SAMRC Champion Woman campaign in celebration of Woman’s Month 2021. <a href="#">[Read]</a>
26-08-21	Instagram Live	Dr Liezel Smith	Dr Smith, Senior scientist and project manager at the Centre of excellence for Biomedical TB research within the MBHG division, featured as an invited guest in the MBHG “The woman behind the science” Instagram Live series to share her personal journey as a #WomaninSTEM, juggling studies and home life and encouraging young professionals to pursue their goals <a href="#">[View]</a>
26-08-21	Social Media Post	Prof Nelita Du Plessis	Prof Du Plessis, head of the Innate Immunity lab within the SU Immunology Research Group at MBHG was featured in the SAMRC Champion Woman campaign in celebration of Woman’s Month 2021. <a href="#">[Read]</a>
30-08-21	Instagram Live	Prof Shahida Moosa	Prof Moosa, head of the Rare Disease Genomics Research group within the MBHG division, featured as the final invited guest in the MBHG “The woman

			behind the science” Instagram Live series to share her scientific journey and advice for young woman in STEM <a href="#">[View]</a>
16-09-21	Instagram Live	Dr Rouxjeane Venter	MBHG researcher, Dr Venter featured in Siakhula Digital #ScicommSeptember Instagram Live series (@siakhuladigital) where she discussed her research interests, inspiration in science and #SciComm journey. <a href="#">[View]</a>
29-09-21	YouTube interview	SU Immunology Research Group	Principal Investigators and Team leader of the SU Immunology Research Group, together with the Biomedical research Institute Clinical Unit within the MBHG Division published a short film titled “TB Research in Covid times” highlighting the impact of the Covid-19 pandemic on research activities, the resilience of the team to adapt and continue vital TB research and a call to action across government and academic sectors to achieve the EndTB goals <a href="#">[View]</a>
29-09-21	Instagram Live	Dr Rebecca Tadokera	MBHG researcher, Dr Tadokera featured in Siakhula Digital #ScicommSeptember Instagram Live series (@siakhuladigital) where she shared on her academic journey, her research interests and experience in all things #SciComm. <a href="#">[View]</a>
20-10-21	Interview	Prof Gerhard Walzl	Prof Walzl, Head of the MBHG division and biomedical sciences department featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU

			Tygerberg Campus for an interview regarding the state-of-the-art Biomedical research Institute for the 2021 SIAN Conference. <a href="#">[View]</a>
20-10-21	Interview	Dr Charissa Naidoo	Dr Naidoo, a postdoctoral researcher within MBHG featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU Tygerberg Campus for an interview as part of Postgraduate student perspective cohort for the 2021 SIAN Conference. <a href="#">[View]</a>
20-10-21	Interview	Ms Erin McMasters	Ms McMasters, a BSc Honours student within MBHG featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU Tygerberg Campus for an interview as part of Postgraduate student perspective cohort for the 2021 SIAN Conference. <a href="#">[View]</a>
20-10-21	Interview	Mr Julian Coetzee	Mr Coetzee, a PhD candidate within MBHG featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU Tygerberg Campus for an interview as part of Postgraduate student perspective cohort for the 2021 SIAN Conference. <a href="#">[View]</a>
20-10-21	Interview	Mr Charles Manyelo	Mr Manyelo, a PhD candidate within MBHG featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU Tygerberg Campus for an interview as part of Postgraduate student

			perspective cohort for the 2021 SIAN Conference. <a href="#">[View]</a>
20-10-21	Interview	Ms Carene Ndong Sima	Ms Ndong Sima, a MSc candidate within MBHG featured in the “Stellenbosch International Academic Network Meeting Day 2 video” showcasing SU Tygerberg Campus for an interview as part of Postgraduate student perspective cohort for the 2021 SIAN Conference. <a href="#">[View]</a>
10-11-21	Radio Interview	Dr Cedric Werely	Dr Werely, a senior researchers within the TB Host Genetics Research Groups within the MBHG division was interviewed on Radio Riverside in connection with the 3 day Community Outreach project, TB-123, hosted in Upington that week.
15-11-21	Online Article	Dr Caroline Beltran	Dr Beltran, a postdoctoral fellow within the Immunology Research Group at the MBHG division featured in the Immunopedia “Immunologist of the month” series for November 2021. <a href="#">[Read]</a>

Date	Delivery Mode	CTR Member	Description
<b>POPULAR SCIENCE ARTICLES</b>			
10-12-20	Online article	Profs Gerhard Walzl and Robin Warren	Social media post promoting feature article titled “10 distinguished professors proof of FMHS’ academic excellence” honouring two MBHG senior scientists as Distinguished Professors published on the Faculty of Medicine and Health Sciences Web News area. <a href="#">[Read]</a>

24-01-21	Online Article	CLIME Group	Research	Academic commentary article titled “Face masks in the post-COVID-19 era: a silver lining for the damaged tuberculosis public health response?” published in The Lancet Respiratory Medicine by members within our institute. <a href="#">[Read]</a>
26-01-21	Newspaper	Prof Miller	Michele	Feature article on warthogs as disease sentinels for Farmer's Weekly highlighting research conducted by the Animal TB Research Group at MBHG.
14-01-21	Online Article	Dr Naidoo	Charissa	Feature article titled “TB researcher scoops coveted L’Oréal-UNESCO For Women in Science grant “ highlighting successful award of the L'Oréal-UNESCO For Women in Science South African National Young Talents Programme grant to MBHG Postdoctoral Researcher published on the Faculty of Medicine and Health Sciences Web News area. <a href="#">[Read]</a>
21-01-21	Virtual Publication	Ms Moore	Dannielle	Publication of the SA MRC Centre for Tuberculosis Research Annual Societal Impact report for 2020 on the MBHG division website and across all social media channels. <a href="#">[Read]</a>
26-01-21	Online Article	Prof Walzl and Dr Malherbe	Gerhard	Feature article promoting the launch of the Biomedical Research Institute (BMRI) Research Bronchoscopy Suite titled “Bronchoscopy facility unlocks major research opportunities” published on the Faculty of Medicine and Health Sciences Web News area. <a href="#">[Read]</a>

31-01-21	Newspaper Article	Prof Craig Kinnear	Popular Science article titled “Triumph for SA gene science - First genome analysis in SA boosts medical science” published in the Sunday Times highlighting the opening of the Genomics Centre of the South African Medical Research Council (SAMRC), led by CTR scientist Prof Craig Kinnear. <a href="#">[Read]</a>
02-02-21	Online Article	Dr Charissa Naidoo	Feature article titled “SAMRC Postdoctoral Research Fellow receives the L'Oréal-UNESCO Women in Science Award “ highlighting successful award of the L'Oréal-UNESCO For Women in Science South African National Young Talents Programme grant to MBHG Postdoctoral Researcher published on the SAMRC News page. <a href="#">[Read]</a>
05-02-21	Online article	Profs Gerhard Walzl and Robin Warren	Social media post promoting feature article titled “SU honours academics with Research Output Awards” recognizing two MBHG senior scientists at the Stellenbosch University's (SU) annual Research Output Award ceremony research contributions published on the Faculty of Medicine and Health Sciences Web News area. <a href="#">[Read]</a>
10-02-21	Online Article	Profs Craig Kinnear and Marlo Moller, and Dr Brigette Glanzmann	Article highlighting the opening of the Genomics Centre of the South African Medical Research Council (SAMRC), led by CTR scientist Prof Craig Kinnear, published in the Stellenbosch University Medicine and Health Sciences Annual Faculty Publication

			2020 titled “Taking SA science into the future” featuring three CTR members. <a href="#">[Read]</a>
10-02-21	Online Article	MBHG	Article highlighting Covid-19 Research activities of various institutions within Faculty of Medicine and Health Sciences Annual Faculty Publication 2020 titled “FMHS rallies to the covid-19 cause” features research efforts of our unit under subtitle “Cough screening App” <a href="#">[Read]</a>
10-02-21	Online Article	MBHG	Article highlighting Covid-19 relief works of various institutions within Faculty of Medicine and Health Sciences Annual Faculty Publication 2020 titled “Students inspire as covid-19 volunteers” features efforts by our unit under subtitled “Projects at the Division of Molecular Biology and Human Genetics” <a href="#">[Read]</a>
02-03-21	Online Article	Dr Jane Shaw and BMRI Clinical Unit	Article titled “Cape Town’s economically vulnerable hit harder by first Covid-19 wave” featured on FMHS News webpage highlighted recent journal <a href="#">“Higher SARS-CoV-2 seroprevalence in workers with lower socioeconomic status in Cape Town, South Africa”</a> published in PLOS ONE by MBHG researchers. <a href="#">[Read]</a>
24-03-21	Online Article	Prof Andre Loxton	Opinion piece published in Health21 titled “TB research still crucial in a time of Covid-19” written by Prof Andre Loxton in celebration of World TB Day 2021. <a href="#">[Read]</a>

31-03-21	Online Article	Animal TB Research Group	Article titled “Test developed to identify bovine TB in wild rhinos” featured on FMHS News webpage highlighting Dr Chileshe's PhD dissertation entitled “Identification of immunological biomarkers for detection of Mycobacterium bovis infection in African rhinoceros” during her doctoral studies within the Animal TB group at the MBHG division. [ <a href="#">Read</a> ]
31-03-21	Online Article	Profs Bavesh Kana (CBTBR SU & Wits Node director) and Gerhard Walzl	Popular Science article titled “Working together to eliminate TB” featured in the <a href="#">National Research Foundation (NRF) Science Matters Magazine Volume 3 Issue 4</a> in honour of TB awareness month to spotlight developments in TB research. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR UCT Node	Popular Science article titled “Towards a better understanding of TB transmission” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR Wits Node	Popular Science article titled “Identifying the Super-spreaders in the fight against TB” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This

			article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR SU Node	Popular Science article titled “Performance of GeneXpert Ultra against its predecessor in high HIV and TB endemic settings” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR UCT Node	Popular Science article titled “Understanding TB Gene Function by Studying Bacterial Shape” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR SU Node	Popular Science article titled “TB Resistance in HIV positive populations” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	Dr Caroline Beltran (CBTBR SU Node)	Popular Science article titled “Exploring Markers of Persistence at the end of anti-TB treatment” featured

			in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	CBTBR Wits Node	Popular Science article titled “Biofilms: How do we breach the Mycobacterium’s ultimate defence?” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	Prof Michele Miller (CBTBR SU Node)	Popular Science article titled “Is tuberculosis from humans killing our elephants?” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted within the DSI-NRF Centre of Excellence for Biomedical TB research (CBTBR). [ <a href="#">Read</a> ]
31-03-21	Online Article	Prof Michele Miller (Head of SARChI Animal TB)	Popular Science article titled “When is a Cheetah a Lion?” featured in the <a href="#">NRF Science Matters Magazine Volume 3 Issue 4</a> for TB awareness month. This article highlighted the TB research conducted by the DSI-NRF SARChI Chair in Animal TB Research. [ <a href="#">Read</a> ]
25-06-21	Online Article	MBHG	Launch of Division for Research Development at Stellenbosch University publication on SU's research

			<p>chairs and Centres of Excellence. The booklet aims to provide a snapshot of the focus areas and activities of the different research chairs and centres of excellence hosted at SU. The MBHG division features four times in the publication:</p> <ul style="list-style-type: none"> <li>- SARChI in Mycobactomics (pg 11)</li> <li>- SARChI in TB Biomarkers (pg 13)</li> <li>- SARChI in Animal TB (pg 13)</li> <li>- DSI/NRF Centre of Excellence for Biomedical TB Research (pg 32-33)</li> </ul> <p><a href="#">[View]</a></p>
02-06-21	Online Article	Animal TB Research Group	<p>Report original article titled “Test developed to identify bovine TB in wild rhinos” on Vivus Medicine and Health Sciences webpage highlighting Dr Chileshe's PhD dissertation entitled “Identification of immunological biomarkers for detection of Mycobacterium bovis infection in African rhinoceros” during her doctoral studies within the Animal TB group at the MBHG division. <a href="#">[Read]</a></p>
25-07-21	Online Article	Prof Marlo Möller & Dr Desiree Petersen	<p>Feature article titled “SA scientists to contribute to global Covid-19 genetics research” published in the Sunday Times Live highlighting contributions of TB Host Genetics Research Group within MBHG towards Covid-19 Host Genetics Initiative (CHGI) <a href="#">[Read]</a></p>
20-08-21	Online Article	Prof Samantha Sampson	<p>Feature article titled “Vaccine for TB receives a \$1.5 million funding boost” highlights successful award of funding from the Bill &amp; Melinda Gates</p>

			Foundation towards VALIDATE Network research efforts led by MBHG Researcher Prof Sampson together with international collaborators. <a href="#">[Read]</a>
23-08-21	Newsletter	Animal TB research Group	Article titled “Threat of Tuberculosis in Under-Recognized Species – TB in African Rhinoceros” published in Wildlife Disease Association Quarterly Newsletter August 2021 (pg4-5) <a href="#">[Read]</a>
08-09-21	Online Article	Prof Grant Theron	Research efforts by the CLIME research group, lead by Prof Grant Theorn, within the MBHG division to develop a smartphone app capable of distinguishing between health and disease were highlighted in an online article by the wall street journal titled “Coughs say a lot about your health, if your smartphone is listening”. <a href="#">[Read]</a>
09-09-21	Online Article	Prof Michele Miller	Feature Article titled “Upside down rhinos and nose-clearing orgasm studies win Ig Nobel prize” published in The Guardian highlighting recognition of the Groundbreaking studies on wildlife with which the SU Animal TB Research Group was involved <a href="#">[Read]</a>
16-09-21	Online Article	MBHG	Press release underscoring the selection of four MBHG researchers, namely Profs Eileen Hoal van Helden and Soraya Bardien and Drs Wynand Goosen and Caitlin Uren, as finalists in the 2020/2021 NSTF/South32 Awards

			at South Africa's "Science Oscars". <a href="#">[Read]</a>
21-09-21	Online Article	SU Animal TB Research Group	Article highlighting the involvement of the Animal TB Research Group in a collaborative effort to ensure the success and sustainment of thriving rhino populations in zoos and other accredited facilities. <a href="#">[Read]</a>
30-09-21	Online Article	Profs Gerhard Walzl and André G Loxton	Press release titled “Tuberculosis still an urgent priority in the time of Covid-19” highlighting release of short film focused on the impact of the Covid-19 pandemic on research activities of the SU Immunology Research Group within the MBHG division, the resilience of the team to adapt and continue vital TB research and a call to action across government and academic sectors to achieve the EndTB goals <a href="#">[Read]</a>
30-09-21	Newspaper Article	Prof Rob Warren & Dr Marissa Klopper	Popular Science article titled “Is your cough Covid-related? Stellenbosch University researchers say there's a way to tell” published in Helath24 highlighting the research by the TB Genomics Research group on the Covid cough App. <a href="#">[Read]</a>
01-10-21	Online Article	Prof Bavesh Kana	Prof Kana, Director of the DSI-NRF Centre for Biomedical TB Research SU and Wits Nodes, was featured in an article titles “SAMRC’S emerging science leader awarded for innovative COVID-19 testing solution” published by the SAMRC highlighting his achievement as one of the winners of

			the 2020/2021 NSTF-South32 Awards. <a href="#">[Read]</a>
19-10-21	Online Article	Prof Michele Miller	Feature article highlighting appointment of Prof Miller, head of the SU Animal TB Research Group within MBHG, as one of six team leaders in the newly established American Institute for Rhinoceros Studies (AIRS). <a href="#">[Read]</a>
21-10-21	Online Article	Dr Gabriel Mashabela	Feature article highlighting receipt of the Grand Challenges Africa Award from the Alliance for Accelerating Excellence in Science in Africa (AESA) to MBHG researchers and specialist scientist with the SAMRC Centre for TB Research, Dr Mashabela towards his TB treatment research <a href="#">[Read]</a>
27-10-21	MBHG Blog Article	MBHG	Article highlighting development and establishment of The African Tuberculosis Bioinformatics Training Program: a two-year structured Masters of Science (MSc) degree in Bioinformatics within the MBHG division in partnership with the Centre for Bioinformatics and Computational Biology at Stellenbosch University, together with other African partner and US institutions. <a href="#">[Read]</a>
25-11-21	Online Article	Prof Novel Chegou and Mr Charles Manyelo	Article highlighting award of two Certificates for granted patents to MBHG researchers within the SU Immunology Research group at MBHG at the Annual Innovus inventors awards ceremony hosted by

			Stellenbosch University's Technology Transfer Office. <a href="#">[Read]</a>
13-12-21	Newsletter	SU Animal TB Research Group	Publication of Animal TB Research Group annual Newsletter on the Stellenbosch University subsite to communicate research activities and achievements throughout the academic year. <a href="#">[Read]</a>

Date	Delivery Mode	CTR Member	Description
<b>EDUCATIONAL PRESENTATIONS</b>			
10-02-21	Information session	Research Strategy Task Team at MBHG	The Research Strategy Task Team (ReSTT) hosted the first Junior Investigator's Funding Forum (JIFF) event of 2021, focused on "Goal setting" featuring guest speaker, Prof. Karin Baatjes, head of the Division of Clinical Anatomy at Stellenbosch University.
25-02-21	Webinar	Prof Gerhard Walzl	Head of the MBHG division, Prof Gerhard Walzl was an invited speaker at the Stellenbosch University Faculty of Medicine and Health Sciences Covid-19: Vaccine Talk hosted via MS teams which focused on the efficacy and safety of the different Covid-19 vaccines and what the new variants mean for the vaccines and control of the pandemic. <a href="#">[Watch]</a>
08-03-21	Information Session	Research Strategy Task Team at MBHG	The Research Strategy Task Team (ReSTT) hosted special session focused on "L'Oréal fellowships "For Women in Science" fellowships." featuring guest

			speakers Dr Charissa Naidoo and PhD candidate Hannah Simba, FMHS 2020 winners of the Loreal-UNESCO South African National Programme.
19-03-21	Printed and Online Educational resource	MBHG	Publication of Science Spaza Activity worksheet in collaboration with Jive Media Africa titled “Fighting TB – Cracking the Code” highlighting the role of genetics and whole genome sequencing in the fight against tuberculosis. <a href="#">[View]</a>
14-04-21	Webinar	Prof Paul van Helden	Professor Emeritus Paul van Helden, was an invited speaker at the National Research foundation (NRF) Webinar on the Impact of Research which aimed to initiate inclusive discussions between strategic leaders from civil society, the public and private sectors, and leading academics on the NRF’s plans to implement and advance the impact of research.
11-05-21	Information Session	Prof Michele Miller and Dr Wynand Goosen	Members of the Animal TB Research Group took part in the Validate Network BCG100 for Schools programme presenting a talk titled “Pathways to becoming a wildlife researcher. This was an online event where school students throughout the UK had the opportunity to interact with world leading wildlife TB scientists within our institute. <a href="#">[View]</a>
12-05-21	Facts Sheet	Prof Michele Miller	Provided fact sheet to Infectious Disease Committee (American Association of Zoo Veterinarians) on

			<p>ungulate TB for education and dissemination purposes.</p>
09-06-21	Public Seminar	Prof Michele Miller	<p>Prof Miller represented the Animal TB Group in a VALIDATE event on 9 June for a public seminar titled “TB and the use of BCG in animals- Does it matter to people” in which the panelists discussed why effective vaccine programmes for animals are essential to the health and well-being of humans and the challenges that we still face in making such programmes a reality.</p>
15-06-21	Public Webinar	<p>Profs Marlo Moller and Craig Kinnear, Drs Taime Sylvester, Marisa Klopper, Brigitte Glanzmann and</p>	<p>MBHG members participated in the SAMRC Youth Month Webinar campaign, a 6-part youth engagement webinar series targeting youth between the ages of 18-35 years old focusing on several topics linked to covid-19 and its impact on their everyday lives. Our presentation took place on 15 of June from 10h30 on “Using TB technology in the fight against COVID-19” and focused on the relevance and importance of science and research during the Covid-19 pandemic.</p>
22-06-21	Strategic Direction workshop	Research Strategy Task Team at MBHG	<p>The Research Strategy Task Team (ReSTT) hosted a two-day strategic direction workshop. This session was attended by members from different levels (including the Head of Department, Head of the SAMRC Centre for Tuberculosis Research, group leaders, Principal Investigators,</p>

			senior and junior scientists as well as postdoctoral research fellows) as we believe in an inclusive and integrated approach to planning our combined future.
10-07-21	Guest Lecture	Prof Michele Miller	Presentation and discussion with exotic medicine club at the University of Arizona school of veterinary medicine
24-08-21	Virtual Open Day	MBHG	The MBHG division hosted our Annual Open Day virtually targeting prospective postgraduate students interested in clinical research. The event consisted of broad overview of our division and postgraduate opportunities available, introduction to key research focus areas and insight into postgraduate funding opportunities, as well as Q&A session. <a href="#">[View recording]</a>

## PART B: COMMUNITY ENGAGEMENT INITIATIVES

**Promotes and facilitates the establishment of community partnerships and regular engagement with key stakeholders to build relationships, creating a network of supporters to help promote engagement efforts of the CTR.**

Activities within this category include projects/initiatives at a grassroots level that facilitate active engagement between researchers and the community through open dialogue and hands-on activities. These activities aim to advance knowledge and/or change behaviour by employing an evidence-based methodology that has been shown to promote meaningful engagement that results in a measurable impact on health-promoting practices. In addition, they aim to build rapport with targeted population groups and increase trust and support in research.

An outline of our Centre's community engagement efforts, together with a brief description and a link to accompanying resources and media, for the reporting period is listed below.

### TB-123 Outreach Project

From 8-11th November, the TB Host Genetics Research Group within the Division of Molecular Biology and Human Genetics hosted the TB-123 science engagement program in Upington. This project aimed to engaged with community members through an interactive exhibition to increase TB awareness within a high TB burden area and combat disease spread and prevalence.

The exhibition incorporated 5 themes, each focusing on a different aspect of TB disease, including what TB is and how its spread, how TB is diagnosed, the signs and symptoms of TB, how TB is treated and the inner workings of a TB laboratory. A key thread throughout the exhibition included destigmatising the disease to positively shift attitudes towards those suffering from TB. Below are some images capturing activities that took place during the TB-123 outreach, to access the full photo album click [here](#).

On day one, our team visited Upington High School with the TB-123 exhibition. Half of the school attends in the morning and the other half in the afternoon. All learners could visit us during their breaks. The life sciences learners from grades 10-12 had dedicated slots to visit with their teachers. In addition, Prof Marlo Moller gave two talks on TB at Toyota Upington on this day. Here we answered many questions about the COVID-19 vaccine too!

On day two, Dr Cedric Werely had a radio interview with Radio Riverside, which attracted much attention. Our team then hosted the TB-123 exhibition at the taxi rank in Upington, where we had lots of visitors. Furthermore, Dr Desiree Petersen and Prof Marlo Moller gave a talk to staff at the Oranjerivier Wynkelder.

On day three, our team took the exhibition to the Kalahari mall where the TB-123 exhibit was stationed outside of the Pick n Pay where they had meaningful

conversations about personal experiences with the disease with local community members and also received some interesting questions.

Feedback from the MBHG volunteers indicated that the team believed this to be a wonderful experience and a great opportunity to engage with the community on the topic of TB. We also received requests from several schools in town to visit and engage with Upington youth but due to time constraints, this was not feasible. It is the teams hope to make this engagement an annual event to maintain partnerships within the community.

Disclaimer: This project was based off of a previous science engagement programme, TB Under the Spotlight, which first took place in March 2018 in partnership with the South African Tuberculosis Vaccine Initiative (SATVI) and the Western Cape Department of Education.

## **PART C: PUBLIC AWARENESS EVENTS**

**Events aimed at raising disease awareness linked to research efforts within the CTR, as well as study opportunities and engagement activities available within our institute to generate public recognition of a particular issue/topic and achieve specific outcomes or pre-determined goals.**

Activities within this category include information stalls, distribution of pamphlets, open days, job shadow initiatives and science cafés to empower the publics with knowledge through community-targeted programmes. In addition, these events provide an opportunity to create a public “face” for the CTR and learn more about the role of science in society to build trust in science and inspire the youth to pursue a career in STEM.

A comprehensive list of the CTR’s public awareness activities together with a brief description and in-text links to the various online resources for the reporting period are listed below.

Date	Delivery Mode	CTR Member	Description
<b>PUBLIC AWARENESS INITIATIVES</b>			
13-01-21	Social Media post	TB Host Genetics Research Group	Social media post highlighting scientific article titled "Human whole genome sequencing in South Africa" published in Scientific Reports detailing The first 6 human genomes in South Africa have been sequenced and analyzed by members within our institute. <a href="#">[Read]</a>
04-03-21	YouTube Video	MBHG	Ms Moore, Communication and Marketing Officer within the MBHG division featured in the Faculty of Medicine and Health Sciences "Tygerberg Campus Welcoming" as part of the virtual campus tour. Ms Dikhoba, a MSc candidate at MBHG featured as Sepedi speaker for translation and reading of the commitment of Medical students at the faculty. <a href="#">[View]</a>
15-04-21	YouTube Video	Ms Dannielle Moore	Ms Moore, Communication and Marketing Officer within the MBHG division featured in the Stellenbosch University Open Day video "Accept your Medicine and Health Sciences offer from SU" for the virtual Tygerberg Campus Tour in student welcoming and orientation video. <a href="#">[View]</a>
13 to 14-04-21	Lab photoshoot	MBHG	In line with our values of inclusive, transparent, and innovative research our division hosted a 2-day photoshoot to get "behind-the-scenes" footage of our students at work in the lab to use for future campaigns, training workshops, public seminars, and awareness drives. This footage aims to showcase the faces of

			<p>research at MBHG and underscore the efforts of our staff and students in addressing health challenges facing South Africa in the hopes of building trust and support in science as well as underscore the importance of clinical research in the health and well-being of our country and the world.</p> <p><b>Photo batch 1:</b>  <a href="https://peopleimages.com/search#adult:0n/media-type:1/sort-order:editor/shoot-id:826701">https://peopleimages.com/search#adult:0n/media-type:1/sort-order:editor/shoot-id:826701</a></p> <p><b>Photo batch 2 :</b>  <a href="https://peopleimages.com/search#adult:0n/media-type:1/sort-order:editor/shoot-id:826700">https://peopleimages.com/search#adult:0n/media-type:1/sort-order:editor/shoot-id:826700</a></p> <p><b>Video batch 1:</b>  <a href="https://peopleimages.com/search#shoot_id:826073/media_type:2">https://peopleimages.com/search#shoot_id:826073/media_type:2</a></p>
03-06-21	YouTube Competition	TB Genetics Research group & Animal TB Research group	Host Students from MBHG entered the Inqaba Biotechnical Industries Pty Ltd Africa genome challenge to stand a chance to win genetic sequencing of precious samples to facilitate their research agenda. <a href="#">[View]</a> "Making a reference human genome sequence for the Xhosa population in South Africa (VIDEO ONE)" "Investigating the biodiversity of wild dogs in the Kruger National Park (VIDEO FOUR)"
04-06-21	Social Media Campaign	MBHG	#CrazySocks4Docs campaign took place on Friday 4th June and aimed to raise awareness of the mental health and well-being of healthcare workers and medical and health sciences students. MBHG Staff and students supported the campaign by

			posting a picture wearing their colourful/mismatched socks online with a series of hashtags.
29-09-21	YouTube Video	SU Immunology Research Group	Publication of short film titled “TB in the time of Covid-19” focusing on the impact of the Covid-19 pandemic on research activities of the SU Immunology Research Group within the MBHG division, the resilience of the team to adapt and continue vital TB research and a call to action across government and academic sectors to achieve the EndTB goals <a href="#">[View]</a>
13-10-21	YouTube Video	Dr Rouxjeane Venter, Ms Caitlyne Young, Ayanda Shabangu, Mbali Mkhonza and BMRI Clinical Unit	MBHG researchers, doctors, nurses and students featured in the Stellenbosch University Faculty of Medicine and Health Sciences (FMHS) Vaccine Solidarity video which aimed to share a pro-vaccination message from our professional and clinical environment to underscore the importance and necessity of Covid-19 Vaccine uptake in curbing the pandemic. <a href="#">[View]</a>
21-10-21	YouTube Video	Ms Dannielle Moore	Ms Moore, a PhD candidate and Communication and Marketing Officer within the MBHG division featured in the Official Stellenbosch University Medicine and Health Sciences Faculty: Maties 101 Student Experience as part of the virtual Tygerberg Campus Tour in student welcoming and orientation video. <a href="#">[View]</a>

Date	Delivery Mode	CTR Member	Description
<b>SOCIAL MEDIA INITIATIVES</b>			
1 to 28-02-21	Social Media campaign	Prof Shahida Moosa	In honour of Rare Disease Day the Rare Disease Genomics Research Group hosted the #28FactsFor28Days campaign which aimed to improve knowledge of rare diseases while highlight the importance of research efforts within our division to address the needs of those living with rare diseases. <a href="#">[View]</a>
11-02-21	Social Media Post	Dr Rouxjeane Venter	In celebration of International Day of Woman and Girls in Science, MBHG postdoctoral researcher Dr Venter took part in the Association of South African Women in Science and Engineering (SAWISE) #STEMandTell campaign. This campaign aimed to spread STEM knowledge to inform public about science and highlight careers in STEM. <a href="#">[View]</a>
11-02-21	Social Media Post	Ms Chrystal Steyl	In celebration of International Day of Woman and Girls in Science, MBHG MSc candidate Ms Steyl took part in the Association of South African Women in Science and Engineering (SAWISE) #STEMandTell campaign. This campaign aimed to spread STEM knowledge to inform public about science and highlight careers in STEM. <a href="#">[View]</a>
12-03-21 to present	Social Media campaign	TB Genomics Research group	Social media campaign run by the TB genomics groups within the division consisting of weekly posts with 5 bite-

			<p>sized facts on a topic related to tuberculosis. These facts have been curated, and written in a popular, easy to understand manner. The intention is to support EVERYONE who has an interest in science or medical research in joining the conversation, to encourage equal and full participation in science, and to get the general public excited about science. <a href="#">[View]</a></p>
15-03-21 to 24-03-21	Social Media Campaign	MBHG	<p>In the lead to World TB Day, informative and call-to-action- posts made available by the Stop TB Partnership were shared each day across all social media channels.</p>
24-03-21	Social Media Challenge	MBHG	<p>In honour of World TB Day, our division set out to raise awareness of the impact of TB through participation in the #TheClockIsTicking #3ForTB Stop TB Partnership Social Media Challenge underscoring the fact that Around the world, three people lose their lives to TB EVERY minute. For this challenge, members posted a picture showing 3 items/people or the number three to highlight the key message of the campaign and called/challenged friends and family to join the cause and spread the message. <a href="#">[View]</a></p>
31-03-21	Social Media post	Animal TB Research Group	<p>Social media post highlighting scientific article titled "Novel molecular transport medium used in combination with Xpert MTB/RIF ultra provides rapid detection of <i>Mycobacterium bovis</i> in African buffaloes" published in</p>

			Scientific Reports detailing the diagnostic method for detection of wildlife TB within our institute. [ <a href="#">Read</a> ]
16-06-21	Social Media post	MBHG	In celebration of Youth Day, the division shared the #MBHGHipHop TB intervention wherein we partnered with Cedar High School Of The Arts in Mitchel's Plain Cape Town, to empower their learners on different aspects of tuberculosis infection, disease and treatment. During this process the youth took ownership of their knowledge and were empowered as change makers and custodians of knowledge for their community. The rap songs they created around the TB topics are available on Sound Cloud. [ <a href="#">Listen</a> ]
28-06-21	Social Media post	MBHG	Social media post by 'Research at Stellenbosch University' Facebook page highlighting launch of the Division for Research Development at Stellenbosch University booklet on SU's research chairs and Centres of Excellence. The MBHG division features four times in the publication: <ul style="list-style-type: none"> <li>- SARChI in Mycobactomics (pg 11)</li> <li>- SARChI in TB Biomarkers (pg 13)</li> <li>- SARChI in Animal TB (pg 13)</li> <li>- DSI/NRF Centre of Excellence for Biomedical TB Research (pg 32-33)</li> </ul> <a href="#">[View booklet]</a>
06-07-21	Social Media post	CBTBR	Social media post by 'Research at Stellenbosch University' facebook page highlighting the DSI-NRF Centre of

			Excellence for Biomedical TB Research housed within the MBHG division feature in the Division for Research Development at Stellenbosch University Research Chairs Centres of Excellence booklet (pg 32-33) [ <a href="#">View</a> ]
12-10-21	Social Media post	SARChI Mycobactomics	Social media post by 'Research at Stellenbosch University' facebook page highlighting the South African research chair (SARChI) in Mycobactomics housed within the MBHG division feature in the Division for Research Development at Stellenbosch University Research Chairs Centres of Excellence booklet (pg 11) [ <a href="#">View</a> ]
02-11-21	Social Media post	MBHG	Social media post highlighting award of prestigious European and Developing Countries Clinical Trial Partnership (EDCTP) Outstanding Research Team Prize 2020 to the African-European Tuberculosis Consortium (AETBC) lead by MBHG HOD Prof Gerhard Walzl [ <a href="#">View</a> ]
09-11-21	Social Media Post	SARChI TB Biomarkers	Social media post by 'Research at Stellenbosch University' facebook page highlighting the South African research chair (SARChI) in TB Biomarkers housed within the MBHG division feature in the Division for Research Development at Stellenbosch University Research Chairs Centres of Excellence booklet (pg 13) [ <a href="#">View</a> ]
11-11-21	Social Media Post	SARChI Animal TB	Social media post by 'Research at Stellenbosch University' facebook page highlighting the South African research

chair (SARChI) in Animal TB housed within the MBHG division feature in the Division for Research Development at Stellenbosch University Research Chairs|Centres of Excellence booklet (pg 13) [[View](#)]

## PART D: SOCIAL OUTREACH ACTIVITIES

**Aimed at addressing social issues within local communities through participation in community-based events and engaging local communities to understand the key issues that affect them to build strong partnerships.**

Examples of such activities include volunteering at local schools, food kitchens, donation drives and local charity events. Notably, these activities may have no direct link to the research activities of the CTR and serve as a testament that the CTR is not solely focused on issues that benefit our institute but rather prioritizing the needs/interests of the community at large, positioning the CTR in good standing with the public.

By doing so, communities begin to view the CTR as a partner that will be there for the long term with their concerns in mind and will result in support of the CTRs efforts by the same community in the future.

Date	Initiative Name	Description
<b>COMMUNITY-BASED EVENTS</b>		
14-06-21	Bless-a-Baby: Mandela Day	In response to the call for donation from Bless-a-Baby, a non-profit organization that provides relief for new mothers in historically disadvantaged areas by providing essentials for a mother and newborn, for Mandela Day, MBHG staff and students took the initiative to put together an awesome donation pack consisting of:  32 babygrows  28 vests

		 19 Cotton Hats  11 knitted beanies + booties sets  9 wrapping blankets  6 leggings  5 pairs of socks  1 pair of shoes
22-06-21	Winter Warmer Drive: Mandela Day	<p>Call For Donations of blankets and scarves by MBHG Societal Impact Task Team in support of the Mina se Kinnes winter warmer drive in aid of those most in need to stay warm during the cold winter months this Mandela Day. Mina Se Kinnes is a registered non-profit company in the Bonteheuwel community serving as a safe haven for those most in need particularly the aged, orphaned, abandoned, abused, and destitute.</p>

## SOCIETAL IMPACT TASK TEAM 2021

### SITT Executive Committee Members

Ms Dannielle Moore (Chairperson)

Dr Taime Sylvester (Vice-chairperson)

Ms Ayanda Shabangu (SITT Administrative Assistant)

Dr Rouxjeane Venter

Ms Caitlyne Younge

Prof Robin Warren\* (CTR Unit Director)

### SITT Members

Prof André G Loxton\* (CTR Deputy Director)

Prof Marlo Möller<sup>#</sup>

Dr Elizma Streicher<sup>#</sup>

Ms Jamie Saayman

Ms Leah Chifamba

\*SAMRC employee

<sup>#</sup>Joint Staff member