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National Science and  
Technology Forum

## Media Release

*S.E.T. for socio-economic growth*

## Top STEM Grade 12 learners, now studying in STEM-related courses announced

### 2021/2022 NSTF Brilliants Programme - for our future STEM leaders and innovators

To celebrate Youth month, join the [National Science and Technology Forum](#) (NSTF) and pioneering sponsors in applauding the 19 first year students from all nine provinces in South Africa selected for their outstanding performance in matric physical science and mathematics in 2021, and their choices of further studies in STEM. (STEM = science, technology, engineering and mathematics.)

#### The NSTF Brilliants programme celebrates its 21st year with 19 students!

This unique annual programme recognises the top young man and woman chosen from each of the nine provinces based on their marks in physical science and mathematics in the 2021 National Senior Certificate Examinations (Grade 12), and their choice of studies in STEM-related courses. This year 19 students were selected for the [Brilliants Programme](#), because of a tie in 1 of the provinces. Mpumalanga, sees two first year male students, one in medicine and the other in mechanical engineering, who both obtained 100% for physical science and 100% for mathematics! (See the list below for their names). The current sponsors of the Brilliants programme are [South32](#), the [Department of Science and Innovation \(DSI\)](#), and the [South African Council for Natural Scientific Professions \(SACNASP\)](#).

The National Science and Technology Forum (NSTF) is running and hosting the [NSTF-South32 Awards](#) for the 24th year. The awards recognise outstanding contributions to science, engineering, technology (SET) and innovation in South Africa by individuals, teams and organisations. The [Awards Gala Dinners](#) are a hybrid event, broadcast from two cities, Johannesburg and Cape Town, to an online audience. The event takes place on 21 July 2022. The broadcast will be on the NSTF's [YouTube Channel](#) from 18:00-21:00. Besides the top scientists in the country, the [Brilliants](#) students will also receive recognition on this occasion.

**Tour to science-related facilities:** The Brilliants students are treated to an educational

tour every year. This year will see a nature conservation and biodiversity tour sponsored by [The Lewis Foundation](#). Since the tour was not possible the past two years because of the COVID-19 pandemic, all three groups from 2020 to 2022 will be joining this tour, including the 2021 BEST students (Biological and Environmental Science Top Students). Visits to [Maropeng and the Sterkfontein Caves](#), [Kloofendal Nature Reserve](#), [Walter Sisulu Botanical Gardens](#) and the [Bothongo Rhino & Lion Nature Reserve](#).

**Brilliants Programme awardees:** The NSTF membership and sponsors take pride in congratulating the students selected for the 2021/2022 NSTF Brilliants Programme as follows:

<b>Eastern cape</b>	<p><b>Ms Aiswarya Sarah Mathew</b> Queenstown Girls High School MBChB (Medicine) University of Cape Town (UCT)</p> <p><b>Mr Lunathi Qumba</b> Mpondombini Senior Secondary School MBChB (Medicine) University of the Witwatersrand (Wits)</p>
<b>Free State</b>	<p><b>Ms Chané Nel</b> C&amp;N Sekondêre Meisieskool Oranje MBChB (Medicine) Stellenbosch University (SU)</p> <p><b>Mr Tlotliso Mofokeng</b> Mookodi Senior Secondary School BEng (Mechanical Engineering) UCT</p>
<b>Gauteng</b>	<p><b>Ms Emilia Janse van Rensburg</b> Afrikaanse Hoër Meisieskool Pretoria MBChB (Medicine) Wits</p> <p><b>Mr Neo Gift Dau</b> Moditela Secondary School BEng (Mechatronics Engineering) SU</p>
<b>KwaZulu-Natal</b>	<p><b>Ms Anele Onke Mnguni</b> Sibusisiwe Comprehensive Technical School MBChB (Medicine) University of KwaZulu-Natal (UKZN)</p> <p><b>Mr Phila Lungani Mbuyisa</b> Nsalamanga High School MBChB (Medicine) UKZN</p>
<b>Limpopo</b>	<p><b>Ms Delicia Davhana</b> Thohoyandou Secondary School BEng (Electrical and Computer Engineering) UCT</p>

	<p><b>Mr Dichochi Ramatlou</b> Hoërskool Noorderland BEng (Mechatronics Engineering) UCT</p>
<b>Mpumalanga</b>	<p><b>Ms Kgothatso Angela Gugu Mphaka</b> Kwamhlanga Secondary School MBChB (Medicine) UCT</p> <p><b>Mr Sifiso Hosana</b> Mafemani Nxumalo Secondary School MBChB (Medicine) UCT</p> <p><b>Mr Banele Lethukuthula Buthelezi</b> Methula Secondary School BEng (Mechanical Engineering) University of Pretoria (UP)</p>
<b>North West</b>	<p><b>Ms Melissa Janse van Rensburg</b> Rustenburg High School MBChB (Medicine) UP</p> <p><b>Mr Kamogelo Sam Timbane</b> HF Tlou High School BEng (Mechanical Engineering) Wits</p>
<b>Northern Cape</b>	<p><b>Ms Khadija Hoosain</b> Kimberley Girls' High School BPharm (Pharmacy) Wits</p> <p><b>Mr Matthew Keith Holm</b> Kathu High School BEng (Data Engineering) SU</p>
<b>Western Cape</b>	<p><b>Ms Mia Jorgensen</b> Charlie Hofmeyr High School BSc (Human Life Sciences) SU</p> <p><b>Mr Glasson William Osborne</b> Paul Roos Gimnasium BEng (Electrical and Electronical Engineering) SU</p>

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## About the NSTF

The National Science and Technology Forum (NSTF), established in 1995, is a broadly-representative stakeholder body for all science, engineering and technology (SET) and innovation organisations in South Africa, which seeks to influence policy formulation and delivery.

The NSTF Awards are unique in SA, recognising the outstanding contributions of individuals, teams and organisations to SET and innovation.

The science bursaries page provides information on bursaries and bursary providers for science, engineering and related studies.

STEMulator.org attracts learners and students to the exciting world of science, technology, engineering and mathematics (STEM). It provides a virtual world full of stimulating content to excite and inform the youth, including STEM career guidance. Established under the auspices of the NSTF proSET membership sector (Professionals in *science, engineering and technology*).

### Disclaimer

The NSTF has taken all practical measures to ensure that the material contained in this newsletter is correct. The NSTF reserves the right to make changes as it deems necessary.

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### For more information

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