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NSTF e-Newsletter

S.E.T. for socio-economic growth

The tragedy of KZN, 2022

Message from the NSTF Executive Director, Ms Jansie Niehaus

As we mourn the tragic loss of life and loss of livelihoods due to the devastating floods in KZN, may we also consider what to do with our narrow window for climate change adaptation? [Read](#) the ED's message.

NSTF News

Nominees announced: 2022 NSTF-South32 Awards

The NSTF announced the group of nominees contending for the 24th prestigious [NSTF-South32 Awards](#) in [13 categories](#). The NSTF-South32 Awards recognise and promote outstanding contributions to science, engineering and technology (SET) and innovation by SET-related professionals, teams and organisations in South Africa.

The Awards are known as the 'Science Oscars' of South Africa. They are the largest, most comprehensive, and most sought-after national awards of their kind in the country. They were also the first science awards in the country.

Special Annual Theme Award: The NSTF is making a special award this year for research and development in the [basic sciences for sustainable development](#). This is in support of sustainable socio-economic growth in South Africa aligned with the [International Year of Basic Sciences for Sustainable Development](#). It is also the annual theme of the NSTF for 2022.

2022 Awards Gala Event

The 24th annual [Awards Gala Event](#) is taking place on **21 July 2022** as a hybrid event and will celebrate this theme – save the date. Watch your mailbox in May for further announcements about the finalists.

Today's research ... tomorrow's innovation



NSTF Executive Director elected chairperson of COHORT

The NSTF Executive Director, Ms Jansie Niehaus has been elected to the Executive Committee (Exco) and as Chairperson of the Committee of Heads of Organisations of Research and Technology (COHORT) for the 2022 to 2024 term.

The vision of COHORT is to be recognised as a national forum for the heads of organisations of science, research, and technology, in order to leverage their collective strengths in developing a culture of innovation and science for society in South Africa. [Read the](#) media release.

Role of scientists in policy advice discussed

What are the important discussions that should be taking place between civil society and government? What role should a civil society forum undertake to support the role of scientists in policy advice? These are just some of the questions that inspired the [Scientists and policy – the role of a civil society](#) panel session hosted by the NSTF. The NSTF was invited by the [African-Europe Science Collaboration and Innovation Platform](#) (AERAP) to host this side event as part of the [European Union-African Union \(EU-AU\) Summit](#). [Read the](#) media release for information on the outcomes.

Tribute to Ndoni Mgunu

The NSTF was astounded to hear of the untimely passing on 16 April, of Ndoni Mgunu, PhD student in environmental science and food security at the University of the Witwatersrand (Wits), and founder/CEO of the Black Women in Science (BWIS). We wish to express our condolences to her family, colleagues, friends and followers, as she was an influencer in the true sense of the word, a leader and role model to many. The NSTF worked closely with Ndoni from time to time. She will be sorely missed but her legacy lives on in the people who knew or followed her, especially the black women in science in South Africa. [Read](#) the NSTF tribute.

Media supplement on NSTF Discussion Forum

The *Mail & Guardian* published a special [supplement](#) on the NSTF's Discussion Forum on the [Creative economy, science and the 4IR](#). If you have missed the Discussion Forum, you can now read all about it. The online event over two days brought together a variety of stakeholders to consider cross-cutting questions on creativity, science, technology and the economy.

The goal was to examine the interface between the creative industries and science and technology, to discover the overlaps between them, and to unpack how these can be translated into innovation and the growth of the economy.

The main speakers were Prof Tshilidzi Marwala (VC of the University of Johannesburg); Dr Tegan Bristow (winner of the NSTF-South32 Special Annual Theme Award in 2021); and Dr Audrey Verhaeghe (outgoing CEO of the South African Innovation Summit).

Bursaries available

Find the latest news on bursaries in science, engineering and technology (SET) in the NSTF [Bursary Directory](#). Currently available bursaries are:

- [Sibanye-Stillwater](#) (Deadline 30 April 2022)
- [Shoprite](#) (Deadline 30 April 2022)
- [Allan Gray Orbis Foundation](#) (Deadline 29 April 2022)
- [Ford Motor Company of SA](#) (Deadline: Open)

Visit the NSTF [bursary website](#) for more information on [SET-related careers](#) and articles on [inspiring people](#) who work in these areas.

SET for life!

Comments invited on Climate Change Just Transition Framework for SA

The Presidential Climate Commission (PCC) is consulting NSTF members and stakeholders on the [Climate Change Just Transition Framework for South Africa](#). A stakeholder consultation session took place on 8 April 2022. [Listen to the presentations](#) delivered on the NSTF YouTube channel.

Final reminder to make your input: Consider the PCC report, '[Laying the foundation for a Just Transition Framework for South Africa](#)', with the 'Draft [Framework for a Just Transition in South Africa](#)'. [Submit your written comments](#) online to the NSTF by **30 April 2022**.

Make your voice heard for socio-economic development in South Africa.

STEMulator.org in the media

The March 2022 issue of [ASSAf's Quest Magazine \(Volume 18.1\)](#) carries an [article on the STEMulator](#). See pages 31 and 32 for information on the STEMulator, which creates an awareness of, and stimulates an interest in the fascinating world of STEM.

[STEMulator](#) is a proudly South African non-profit interactive learning platform initiated by the NSTF proSET sector to excite young South Africans about the STEM (Science, Technology, Engineering and Mathematics) world and associated studies and careers. STEMulator is a free-to-all, online and off-line, animated, educational application where the youth and those who are young at heart, can *Explore>Discover>Learn*.



Raising awareness on Plant Health through the media

The NSTF is partnering with [Plaas/Farm TV](#) (YouTube channel) to broadcast a series of monthly talks during the year on the topic '[Plant health in South Africa – threats to biosecurity, biodiversity and food security](#)'. These talks are posted to the NSTF website and YouTube channel as they are made available.

Prof Wijnand Swart of the [University of the Free State](#) was interviewed in Afrikaans for online broadcast on 30 March. You can watch him here: [Die toekomst van plantgesondheid / 2022 SA Suiwelkampioenskappe: Farm TV - 30 Maart 2022 - YouTube](#). His talk on the topic at the NSTF discussion forum, [Whither \(or wither\) Plant Pathology in the next 50 years](#) focuses on understanding the latest research and dynamics of the discipline in a South African context.

Prof Michelle Hamer, Director: Natural Science Collections Facility (NSCF), [South African National Biodiversity Institute](#) (SANBI), talks about the [role of natural science collections and biobanks in plant health](#).

Meet our 2020/2021 NSTF-South32 Award Winners [Communication Award](#)

Prof Carolina Ödman from the Inter-University Institute for Data Intensive Astronomy at the University of the Western Cape (UWC) won for her outstanding promotion of academic research and teaching in science for development. She made significant contributions to the multi-disciplinary research into building a scientific vocabulary in African languages at UWC.

Since her appointment in 2018, she has carried out a broad, evolving range of communication activities, promoting the Institute's research, engaging with the media, and

offering leadership in public forums on issues that affect the public. [Read](#) the *Mail & Guardian* article about her award winning work.

[Non-Governmental Organisation Award](#)

Outlook Foundation and its CEO Mr Segomotso Kelefetswe won this Award for organising and rolling out empowerment activities to the youth in disadvantaged areas where resources are poor and young people have limited exposure to future or available opportunities and development programmes.

Outlook Foundation is a volunteer-led non-profit organisation (NPO) that focuses on promoting careers and opportunities in the science, technology, engineering and mathematics (STEM) fields. The organisation is defined by its community of professionals, all with backgrounds in STEM, and all passionate about the development of young people. [Read](#) the *Mail & Guardian* article about their award winning work.



proSET (Professionals in science, engineering and technology) is a sector of the NSTF representing more than 40 professional and learned societies. This section shares news about [members](#)* and introduces new members of the [proSET sector](#). **Note that this page will be updated on the new NSTF website to be launched soon. In the meantime visit the [current members](#)' page of the website for the full list of members, including proSET members.*

- **Green and Blue Drop reports available on WISA website**

Both the 2022 Green Drop Report and 2022 Blue Drop Progress Report are available on the website of the [Water Institute of Southern Africa](#). Click [here](#) to download the reports.

- **SASRI mechanisation reports available**

The [South African Sugarcane Research Institute](#) (SASRI) estimates that mechanisation accounts for about 50% of the total cost of sugarcane production, even when cane is cut manually. With agricultural profit margins decreasing continuously, it is crucial that every effort is made to use farm machinery as efficiently as possible. Small savings on production costs can translate into large increases in net profit.

To assist sugarcane farmers make informed decisions based on realistic costs of various operations, SASRI publishes details on mechanisation costs annually. The 2022 edition of these [Mechanisation Reports](#) is now available.

- **Winners of SANBI 4th Annual Student Research Day announced**

Biodiversity is the foundation upon which we can build back better and stronger. It underpins as a solution to several development challenges including health issues, nature-based solutions to climate change, food, and water security, sustainable livelihoods. On 29 and 30 March 2022 the [South African National Biodiversity Institute](#) (SANBI) hosted its 4th Annual Student Research Day under the theme 'being part of the solution for biodiversity'.

The first prize winner was a PhD student Francois Becker from the University of Witwatersrand, his topic was "Calls of the desert: Unexpected age and diversity of barking

geckos". Second prize winner was Devon Main, a PhD student from the University of Johannesburg. His topic was "Transformed habitats drive the evolution of bigger hands and feet in eastern dwarf chameleons (*Bradypodion ventral*)". [Read more](#).

- **South African Institute of Physics news**

The [South African Institute of Physics](#) (SAIP) is inviting interested stakeholders and members of the physics community to present one-hour talks at this year's webinar series. During 2022 the SAIP will commemorate two important events: The International Year of Basic Science for Sustainable Development ([IYBSSD](#)) and [100 Years of Physics in Africa - "Past, Present and the Future"](#) This initiative is prompted by the 100th year anniversary of the International Union of Pure and Applied Physics (IUPAP). [Read more](#).

- Read the [Statement](#) of the SAIP on the crisis in Ukraine.

- **IITPSA President's Awards for 2021**

The [Institute of Information Technology Professionals South Africa](#) (IITPSA) President's Awards have recognised South African IT industry leading lights for over 40 years, acknowledging their professional excellence and setting them as examples of what the country's IT professionals are capable of. The 2021 awards, themed "Excellence in the New Normal", acknowledged the important role IT professionals play in helping the world to adapt to a changed environment.

The Awards winners, announced during a virtual ceremony on 12 April 2022, recognised achievers who have collectively demonstrated excellence in IT for over a century. Professor Tshilidzi Marwala, Vice-Chancellor of the University of Johannesburg and winner of over 45 accolades, was named IT Personality of the year. [Read more](#).

- **SAICE calling for nominations for Awards**

The [South African Institution of Civil Engineering](#) (SAICE) is calling for nominations for their People and Projects as well as the Institutional Awards. The Awards submission process has been moved online. You can submit your entry by [clicking here](#). The submission deadline is 5 May 2022.

- **First *Grassroots* of 2022 now available**

The first issue of [Grassroots](#) in 2022 is now available. *Grassroots* is the newsletter of the [Grassland Society of Southern Africa](#) (GSSA) and the subscription is free. Read about the protection needed for SA's endangered wetlands; how grasslands changed our climate, and more.

- **SAAFOST expert workshop**

The [South African Association for Food Science and Technology](#) (SAAFOST) expert workshop on wholegrain, multigrain and wheat-free baking products will take place in Pretoria on 26 May 2022. Opportunities for locally available cereals and pulses will be discussed.



SET-related policies currently open for public comment

Keep informed and have your say

- [National Health Act: Regulations: Surveillance and control of notifiable medical conditions: Amendment](#) (Extension of deadline for comments to 24 April 2022)
- [National Environmental Management Act: Consultation: National biodiversity offset guideline](#) (Comment by 27 April 2022)
- [Integrated Development Plans \(IDPs\)](#) (Comment by 30 April 2022)
- [National Environmental Management Act: Standard for development and expansion of power lines and substations within identified geographical areas and exclusion of infrastructure from environmental authorization requirement](#) (Comment by 8 May 2022)
- [Animal Diseases Act: Regulations: Amendment](#) (Comment by 11 May 2022)
- [Electronic Communications Act: Regulations: Processes and procedures for applications, amendments, renewals, surrender and transfer of individual licences: Amendment](#) (Comment by 15 May 2022)
- [Spatial Planning and Land Use Management Act: Karoo Regional Spatial Development Framework: Draft](#) (Comment by 15 May 2022)
- [Radioactive Waste Management Fund Draft Bill](#) (Comment by 20 May 2022)
- [Project and Construction Management Act: South African Council for the Project and Construction Management Professions \(SACPCMP\): Nominations invited](#) (Comment by 6 June 2022)
- [Hazardous Substances Act: Group I, Category A, hazardous substances: Declaration](#) (Comment by 28 June 2022)
- [Hazardous Substances Act: Group I, Category B, hazardous substances: Declaration](#) (Comment by 28 June 2022)
- [Renewable Energy Independent Power Producers Procurement Programme \(REIPPPP\) Tender No. DMRE/001/2022/23: Request for Qualification and Proposals \(RFP\) under Bid Window 6](#) (Comment by 11 August 2022)

SET-related policy news

Some articles included in the section below are opinion pieces. The opinions expressed in these articles do not necessarily reflect the views of the NSTF Executive Committee, Directors, Secretariat or Members.

Energy

- [Time for rethink on SA's natural gas dreams 'mistake' – global report](#) (dailymaverick.co.za)
- [Landmark licencing of private electricity trader set to transform SA energy](#) (energize.co.za)
- [South Africa's economic growth affected by mismatch of electricity supply and demand](#) (theconversation.com)

Environment

- [Industry welcomes e-waste landfill ban](#) (ReSource, Feb 2022)

National Development Plan

- [South Africa's progress towards its development objectives: 2020 Assessment Report](#) (resep.sun.ac.za)

Public Sector

- The Centre for Development and Enterprise (CDE) executive director, Ann Bernstein, was joined in a conversation by Sir Michael Barber, one of the

world's experts on how to manage public sector reform. An edited copy of the conversation can be accessed [here](#); and the full video of the conversation can be watched [here](#).

Agriculture

- [Increasing agricultural productivity across Sub-Saharan Africa is one of the most important problems this century](#) (ourworldindata.org)
- [South Africa wheat products shielded from Russia-Ukraine war](#) (mg.co.za)
- [Animal disease crisis a threat to much more than livestock](#) (businesslive.co.za)
- [Deteriorating road infrastructure compromise more than R7,1 bn worth of Agri produce](#) (infrastructurenews.co.za)
- [Food security dominant driver of plant pathology research in future](#) (ufs.ac.za)

Education

- [Realizing the Promise of Biological Physics Requires a Multipronged Approach to Education, Funding, and Workforce, Says New Report](#) (nationalacademies.org)
- [The high cost of obtaining a PhD degree in South Africa](#) (uj.ac.za)

Infrastructure

- [Establishment of Water Resource Infrastructure Agency set in motion](#) (infrastructurenews.co.za)
- [Free State water and sanitation issues receive national attention](#) (infrastructurenews.co.za)
- [On a road to nowhere without better infrastructure](#) (businesslive.co.za)

Medicine and Health

- [Covid-19 hit diabetics with a double whammy and revealed deadly gaps in South Africa's health system](#) (dailymaverick.co.za)

The 4th Industrial Revolution and Information Technologies

- [Developing countries are being left behind in the AI race – and that's a problem for all of us](#) (theconversation.com)



The events posted below are correct as far as we could establish at the time of preparing this newsletter. Please check the relative websites for changes to dates and venues.

- [EuroScience Open Forum \(ESOF2022\)](#): Crossing Borders, Engaged Science, Resilient Societies, 365-day programme, [Leiden European City of Science](#), Netherlands
- Official launch of *Harambee: The spirit of innovation in Africa*, a book by Prof Mike Bruton, Exclusive Books on the V&A Waterfront at 18:00 for 18:30 on Thursday, 28 April 2022. Bruton will be interviewed by South African inventor, Dr Kit Vaughan.

- [Webinar: Thermal energy storage](#): A key enabler of the green energy transition, 28 April, 14:00. Click [here](#) to register.
- Webinar: South Africa & Brazil: Gaming Industry Opportunities: 28 April 2022, 14:00-15:30. Register [here](#).
- [4th Annual ASSAf Science-Business Leadership Forum](#): The effects of war in Ukraine on Oil Price and SA Economy. Zoom webinar, 5 May 2022, 09:00-11:00. Click [here](#) to register.
- [SAIIE free 2-hour webinar on Simulation and Digital Twins](#): 5 May 2022, 14:00 – 16:00
- IID Seminar-The District Development Model as a Platform for Inclusive Innovation and Innovative Districts. Hosted by the Department of Science and Innovation in partnership with the Academy of Science of South Africa (ASSAf). 13 May 2022 at 08:30. Click [here](#) for information and to register.
- The 7th [World Conference of Research Integrity](#) Cape Town, 29 May – 1 June 2022
- [Food Safety Summit SA](#): 7-8 June 2022
- [Agbiz Congress 2022](#): Sun City, 22-24 June 2022
- [XX International Triple Helix Conference 2022](#): Italy, 27-29 June 2022 on the theme "Governing new and traditional partnerships for innovation and development in the post-pandemic world".
- [International Congress of Entomology](#): Helsinki, Finland, 17-22 July 2022
- [57th Annual Conference of the Grassland Society of Southern Africa \(GSSA\)](#): Aldam Resort, Free State, 25-29 July 2022
- [Infrastructure Africa Virtual Conference and exhibition](#): 17-18 August 2022
- [Africa Agri Tech Conference and Exhibition](#): Pretoria, 29 August - 2 September 2022
- [Public Health Association of South Africa \(PHASA\) annual conference](#): eThekweni (Durban), 11-14 September 2022
- [SA Innovation Summit 2022](#): Theme: Innovation goes viral. Cape Town, 27-29 September 2022. Side events will be taking place throughout that week.
- [5th edition of AI Expo Africa 2022](#): Johannesburg, 27-29th September 2022
- [Water Institute of South Africa \(WISA\) Biennial Conference and Exhibition](#): Sandton, 28-30 September 2022. The deadline for [abstract submissions](#) is 16 May.
- [33rd SAIIE Conference](#): Zimbali, KwaZulu-Natal, 3-5 October 2022
- [WasteCon 2022](#): Johannesburg, 18-22 October 2022
- [85th IMESA conference](#): Adapting to our changing world: Gauteng, 2-4 November 2022
- [South African Geophysical Association's 17th Biennial Conference & Exhibition](#): Sun City, North-West Province, 28 November – 1 December 2022
- [World Science Forum](#): Cape Town, 5-9 December 2022
- [31st Conference of the Southern African Association for Research in Mathematics, Science and Technology Education](#): Bloemfontein, Tuesday 17 - Thursday 19 January 2023



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Science Councils and Statutory Bodies

- **CSIR:** [CSIR adopts new division names](https://www.csir.co.za) (csir.co.za)
- [South Africa and Flanders strengthen cooperation in science and innovation](https://www.csir.co.za) (csir.co.za)
- **ASSAf:** The full March/April issue of the *SA Journal of Science* is available [here](#). Read about a call for clean, safe, affordable energy; marine seismic surveys for hydrocarbon exploration; insecticide resistance in the major malaria vector *Anopheles arabiensis* in KwaZulu-Natal; and more.
- [4th Annual ASSAf Science-Business Leadership Forum](#): The effects of war in Ukraine on Oil Price and SA Economy. Zoom webinar, 5 May 2022, 09:00-11:00. Click [here](#) to register.
- **NRF:** Supported by NRF-SAAO and NRF-SARAO, the South African produced planetarium film 'Rising Star: A South African Astronomy Journey' is now available for viewing courtesy of the ESO Supernova Planetarium & Visitor Centre. Click [here](#) for information and to view the film.

Higher Education institutions

- [Self-healing arrays of twisted light from a laser](https://www.wits.ac.za): Wits physicist part of team that develops novel laser (wits.ac.za)
- [R50 million donation to advance innovation in South Africa](https://www.wits.ac.za) (wits.ac.za)
- [UFS wheat rust specialist contributes to paper in Nature Genetics](https://www.ufs.ac.za) (ufs.ac.za)
- [TUT & THENSA conference shines spotlight on 4IR solutions](https://www.tut.ac.za) (tut.ac.za)
- [UJ scoops two awards at prestigious HSRC Medal for the Social Sciences and Humanities ceremony](https://www.uj.ac.za) (uj.ac.za)
- [Rhodes University unveils new state-of-the-art X-ray laboratory for teaching, learning and research](https://www.ru.ac.za) (ru.ac.za)

Space Science and Astronomy

- [Double Delight for UWC in Astronomical Discovery](https://www.uwc.ac.za) (uwc.ac.za)
- [Celebrating South Africa's first space squadron](https://www.sansa.org.za) (sansa.org.za)
- [Mission critical: Space Operations supports NASA GOES-T launch](https://www.sansa.org.za) (sansa.org.za)
- [Megamaser "Nkalakatha" discovered by astronomers using MeerKAT](https://www.sarao.ac.za) (sarao.ac.za)
- [Astronomers reveal best image yet of mysterious ORCs in space](https://www.sarao.ac.za) (sarao.ac.za)

Archaeology and Palaeontology

- [R10 million for the palaeosciences](https://www.wits.ac.za) (wits.ac.za)

Natural sciences

- [African elephants use 'pachyderm perfume' to send messages to each other](https://www.mg.co.za) (mg.co.za)

Energy

- [Bio-energy solutions: A better alternative for fossil fuels](https://www.energize.co.za) (energize.co.za)
- [Load shedding damages gate motor and alarm system batteries](https://www.engineerit.co.za) (engineerit.co.za)

Science Communication

- [Why science 'needs to listen to African voices'](#) (mg.co.za)
- The official launch of *Harambee: the spirit of innovation in Africa*, a book by Prof Mike Bruton, will take place at Exclusive Books on the V&A Waterfront at 18:00 for 18:30 on Thursday, 28 April 2022. Bruton will be interviewed by South African inventor, Dr Kit Vaughan. Bruton won the 2002 NSTF-South32 Lifetime Award and Vaughan won the Innovation Award in 2011/2012.

Medicine and health

- [What is the use of anti-HIV injections when those who need it most can't use it?](#) (bhekisisa.org)
- [SA teaching hospital shows 23 percent decrease in superbug transmission after novel intervention](#) (wits.ac.za)
- [Rhodes University women researchers tackle cervical cancer using an Afrocentric approach](#) (ru.ac.za)
- [UP researchers use low-cost device to detect foetal growth restriction](#) (up.ac.za)

Epidemics – human and animal

- [Global confirmed COVID deaths are at lowest levels in over two years](#) (ourworldindata)
- [People who got the Johnson & Johnson vaccine who also received a booster shot of an mRNA vaccine made by Pfizer-BioNTech or Moderna had better immunity than those who got either another J&J dose or who didn't get boosted at all](#) (cdc.gov)
- [How trying to copy a COVID-19 vaccine changes the outlook for African countries](#) (uct.ac.za)
- [UCT team participates in research to find safer new treatment for cryptococcal meningitis](#) (uct.ac.za)
- [Upsurge in concentrations of SARS-COV-2 in wastewater in certain parts of South Africa](#) (samrc.ac.za)
- [First evidence of J&J vaccine effectiveness in health care workers](#) (samrc.ac.za)
- [Vaccine perceptions among South Africans: How do we get more people vaccinated?](#) (hsrc.ac.za)

Climate change and Environment

- [Proceedings of the 2021 Nobel Prize Summit](#): Our Planet, Our Future: Hosted by the Nobel Foundation and organized by the US National Academy of Sciences in partnership with the Potsdam Institute for Climate Impact Research and the Stockholm Resilience Centre/Beijer Institute are now available. This first Nobel Prize Summit brought together Nobel Prize laureates, scientists, policy makers, business leaders, and youth leaders to explore the question: What can be achieved in this decade to put the world on a path to a more sustainable, more prosperous future for all of humanity? This publication summarises the presentations and discussions of the Summit.
- [Forestry: the surprise weapon in the fight against climate change](#) (infrastructurenews.co.za)
- [Recycling gathers momentum in Africa, growing jobs and small businesses](#) (infrastructurenews.co.za)
- [Military bases install biogas plants to reduce pollution](#) (infrastructurenews.co.za)
- [Record 351mm rain dumps on Durban as experts warn this is climate change in action](#) (iol.co.za)

- [Local green activists convert waste to cash](http://infrastructurenews.co.za) (infrastructurenews.co.za)
- [Dangerous air pollution detected with machine learning](http://up.ac.za) (up.ac.za)
- [The South African ship that found Antarctica's Endurance wreck is vital for climate science](http://theconversation.com) (theconversation.com)

Women in Science

- [STEM - not all are equal](http://wits.ac.za) (wits.ac.za)
- [Black women in South African academia struggle to get ahead: what needs to change](http://theconversation.com) (theconversation.com)

Opportunities

- **Our World in Data** is hiring for two new positions: [Executive Assistant to the Director](#), Max Roser. Deadline to apply: 24 April; and [Operations & Administration Officer](#). Deadline to apply 01 May.
- The [Department of Agriculture, Land Reform and Rural Development](#) (DALRRD) received an invitation from the Ministry of Commerce of the People's Republic of China (MOFCOM) to participate in the Chinese Scholarship Council (CSC) Programme. This programme is targeting high-level managers and professional personnel to apply for academic education programmes under the MOFCOM Scholarship-CSC Programme. MOFCOM offers one-year and two-year master's programmes as well as three-year doctoral programmes for the purpose of educating high-end and interdisciplinary talent working in the applied fields of government, trade, foreign affairs, agriculture, technology, education, culture and health, building intellectual capacity and facilitating the economic and social development of the recipient countries. Deadline for submission of application forms to DALRRD: 5 May 2022. Contact [Jacky Smit](#) for more information.



- [Wits scientist appointed to a position of leadership at the European Laboratory CERN](http://wits.ac.za) (wits.ac.za) (Prof Bruce Mellado is the winner of the 2020/2021 TW Kambule-NSTF Award: Researcher.)
- [Mapping mosquitoes to combat malaria](#): Theresa Mazarire in the Wits Institute for Malaria (WRIM) one of just 20 laureates selected from 440 applications in 17 African countries to receive the [L'Oréal-UNESCO For Women in Science Sub-Saharan Africa Young Talents Award](#). (wits.ac.za)
- Professor Emese Bordy: [Outstanding Article Award for research paper on African dinosaur footprints](http://uct.ac.za) (uct.ac.za)
- [Dr Ndivhuwo Luruli appointed as Executive Director: Research and Innovation, University of Johannesburg, South Africa](http://uj.ac.za) (uj.ac.za)
- [Rhodes University to honour infectious diseases epidemiologist, Professor Quarraisha Abdool Karim](http://ru.ac.za) (ru.ac.za)
- [Young SA scientists to attend international scientific forum](http://itweb.co.za) (itweb.co.za)

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 and groups 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.

Privacy

Registration details submitted to the NSTF will be treated confidentially and will only be used by NSTF to communicate with its members and subscribers.

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Non Profit Company Registration Number: 2007/029165/08

NPO Registration Number: 92042