



Winners of the 2018/2019 NSTF-South32 Awards

#NSTFawards2019

The [NSTF-South32 Awards](#) were held at a prestigious [Gala Dinner](#) in Gauteng on Thursday, 27 June 2019. It is the 21st celebration of South African excellence through this flagship project of the [National Science and Technology Forum \(NSTF\)](#).

Outstanding contributions to science, engineering and technology (SET) and innovation were awarded and celebrated in the following broad areas under 13 [categories](#):

- Scientific research
- Innovation
- Management and related activities
- Capacity development in engineering research
- Environmental sustainability and biodiversity conservation
- Water research and innovation
- Data management
- Science Communication

This year the Special Annual Theme Award is made for an outstanding contribution to SET and innovation, through work on materials for inclusive economic development. (The annual theme for 2019 is the Periodic Table of Chemical Elements, as declared by the United Nations.)

About the NSTF and the awards: The NSTF is the most representative multi-stakeholder non-profit forum in South Africa promoting SET and innovation. The [NSTF-South32 Awards](#) showcase the research and development capacity of our nation. The excellent output of the winners supports South Africa's advancement, economic growth and the social upliftment of our people.

Why are these awards different? The national NSTF-South32 Awards are the largest SET and innovation awards in South Africa. They are known as the ‘Science Oscars’ and were the first science awards in the country. The focus is on spreading information about SET to the public, which includes the year-long engagement programme with students and learners called the ‘[Share ‘n Dare Programme](#)’.

The NSTF [Brilliants Programme](#) recognises the outstanding Grade 12 performers in physical science and mathematics, exposing them to the SET network and future career opportunities.

Award winners: The awardees were celebrated with over 700 guests and over 60 different organisations from the broader community. It is an honour to be [nominated](#), an outstanding achievement to reach the [finals](#) and an exceptional milestone and celebration of excellence to win one of these awards.

Ms Jansie Niehaus
NSTF Executive Director and Spokesperson

The NSTF and its [sponsors](#) congratulate the 2018/2019 NSTF-South32 Award [winners](#).

<p>Lifetime Award: (by an individual over 15 years)</p>	<p>Prof Robin Crewe Senior Research Fellow: Centre for the Advancement of Scholarship, University of Pretoria (UP)</p>
<p>TW Kambule-NSTF Award: Researcher through research and its outputs (by an individual from 6 years up to 15 years of research work from the commencement of the research career, predominantly in South Africa)</p>	<p>Prof Lindiwe Innocentia Zungu Executive Dean: Graduate Studies, University of South Africa (Unisa)</p>
<p>TW Kambule-NSTF Award: Emerging researcher through research and its outputs (by an individual up to 6 years of research work from the commencement of the research career, predominantly in South Africa)</p>	<p>Dr Mardé Helbig Senior Lecturer: Computer Science Dept, UP</p> <p>Dr Hlumani Ndlovu Lecturer: Division of Chemical and Systems Biology, Department of</p>

	Integrative Biomedical Sciences, University of Cape Town (UCT)
Management Award: through management and related activities (by an individual over the last 5-10 years)	Dr Happy Marumo Sithole Director: Centre for High Performance Computing, Council for Scientific and Industrial Research (CSIR)
Engineering Research Capacity Development Award: (by an individual over the last 5 to 10 years) <i>Sponsor: Eskom since 2003</i>	Prof Alison Lewis Dean: Faculty of Engineering and the Built Environment, UCT Prof Elvis Fosso-Kankeu Associate Professor: School of Chemical and Minerals Engineering, North-West University
NSTF-Lewis Foundation Green Economy Award: towards achieving biodiversity conservation, environmental sustainability and a greener economy (by an individual or an organisation over the last 5 to 10 years) <i>Sponsor: The Lewis Foundation since 2019</i>	Process, Energy & Environmental Technology Station, University of Johannesburg Manager: Ms Nicoleen Janse van Rensburg
NSTF-Water Research Commission (WRC) Award: towards achieving sustainable water management, knowledge generation and solutions with demonstrated leadership and impact (by an individual or an organisation over the last 5 to 10 years) <i>Sponsor: WRC since 2017</i>	Prof Martine Visser Director: Environmental Policy Research Unit; Professor: Economics, School of Economics; Research Chair: African Climate Development Initiative, UCT
Data for Research Award: for advancing the availability, management and use of data for research (by an individual or an organisation)	Prof Tandi Matsha Chair: Department of Science and Technology /National Research Foundation South African Research Chair Initiative

	(SARChI) of Cardiometabolic Health, Cape Peninsula University of Technology
Innovation Award: Corporate Organisation for innovations and their research and/or development (by a team or an individual over the last 5 to 10 years)	Centre for Rapid Prototyping and Manufacturing Unit, Central University of Technology Director: Mr Gerrie Booysen
Innovation Award: Small, Medium and Micro Enterprise for innovations and their research and/or development (by a team or an individual over the last 5 to 10 years) <i>Sponsor: National Intellectual Property Management Office (NIPMO) since 2019</i>	Hydrox Holdings (Pty) Ltd Team Chief Executive Officer: Mr Cornelis Johannes de Jager
Communication Award: for outreach and creating awareness (by a team or individual over the last 5 years)	Wits Communications Services Head: Shirona Patel, University of the Witwatersrand (Wits)
Non-Governmental Organisation Award: including technology transfer, and education and training activities (over the last 5 to 10 years)	Eskom Expo for Young Scientists Executive Director: Mr Parthy Chetty
Special Annual Theme Award: Materials for inclusive economic development (in recognition of the United Nations 'International Year of the Periodic Table of Chemical Elements')	Prof Alexander Quandt Acting Chair: Materials for Energy Research Group; and Focus Area Co-ordinator: Centre of Excellence in Strong Materials, Wits

Partners and sponsors:

- South32 (co-branding sponsor)
- Business Report and Mail & Guardian (media sponsor)
- Eskom, NIPMO, The Lewis Foundation, WRC (category sponsors)
- South African Astronomical Observatory (SAAO) and South African Radio Astronomy Observatory (SARAO) (supporting the Brilliants tour)
- Department of Science and Technology (platinum sponsor)

- The Carl & Emily Fuchs Foundation (youth outreach sponsor)
- proSET, Mazi Asset Management (Pty) Ltd, NIPMO and SA Innovation Summit (prize sponsors)