



TIA NEWS

JULY 2023



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CONTACT USnewsletter@tia.org.za

EDITORIAL

Editorial Team : Vusi Langa, Kagiso Ntanga, Lucky Nkosi, Siphesihle Soko

Designer: Thapelo Marutla

Contributors: Lucy Moteka, Halalisiwe Msimango

FROM THE DESK OF THE CEO

South Africa observed youth month in June which coincides with the commemoration of Youth Day on June 16. This year marks the 47th anniversary of the June 16 Soweto uprising in 1976, commemorating the contribution the youth of that time made to the liberation of South Africa and its progress to date.

The National Development Plan, which represents a detailed blueprint for how South Africa can eliminate poverty and reduce inequality by the year 2030, places Science, Technology, and Innovation (STI) at the centre of the development agenda. STI has a role to play as a primary driver of economic growth, job creation and social-economic reform in South Africa.

The country continues to face challenges of unemployment, poverty and inequality with young people bearing the brunt of unemployment. The youth have a significant role to play in driving economic growth. It is thus critical that youth are informed and engaged with the global vision to positively impact economies and enhance sustainable development.

TIA as an entity of government is committed to supporting government in responding and addressing the triple challenges and creating an enabling environment for young people. To effectively address the unemployment and

economic growth there is a greater need for collaboration between government, private sector, and academia.

As part of celebrating the Youth Month, Parliament launched a nation-wide Youth Innovation Exhibition drive to celebrate young innovators through a series of initiatives to showcase youth innovation. Five TIA investees were invited and participated in the programme themed "Celebrating Youth Innovation in the "4IR" and Beyond".

Transformation is at the centre of The White Paper on Science, Technology and Innovation, TIA continuously strives to increase the role of previously disadvantaged individuals, including women, youth, and people with disabilities in innovation. Of the innovators supported and funded by TIA in the 2021/22 financial year, 37,8% are youth and this number keeps growing as the agency continues to engage more youth with innovations that can translate South African resources into sustainable socio-economic opportunities.

One of the factors contributing to youth unemployment is the skills gap. In an ever-evolving world characterised by rapid changes in technology, there is a need to align theory and skills. Experiential training is vital to bridge the gap between learning and the skills required by the market.

TIA is committed to supporting government in eradicating unemployment, upskilling, and affording opportunities to young people. This is reflected through the TIA Internship Programme. Since inception, the programme has provided work experience for 725 young people as interns at TIA funded projects, partner organisations and within the agency. TIA views the internship programme as a pipeline for future talent not only within the agency but also within the NSI.

I hope you enjoy this edition of the newsletter, focusing on the contribution of young people in the innovation space.



Patrick Krappie, ACEO

TIA PROGRAMMES AND FUNDING INSTRUMENTS ARE RELEVANT AND INCLUSIVE

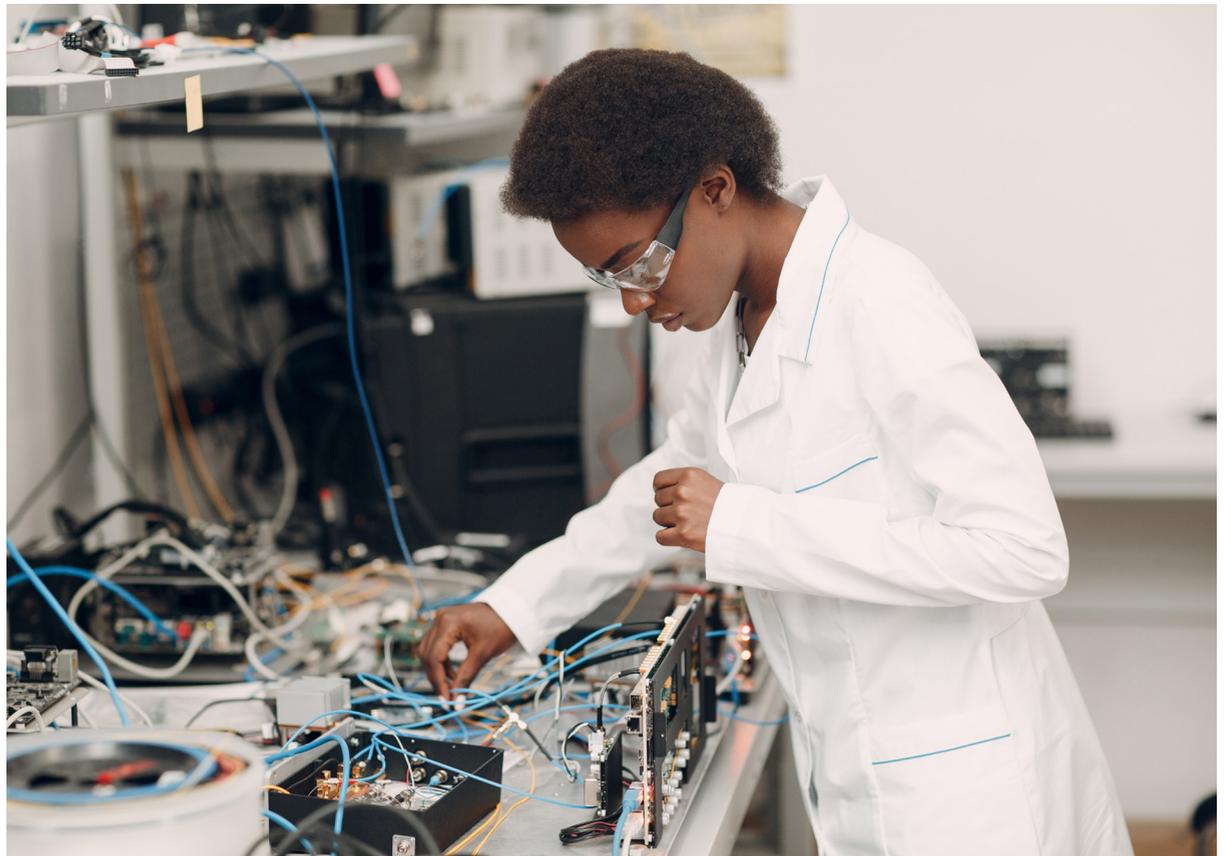
June is observed as youth month in South Africa, it is a month-long celebration that honours the role of young people in the country's history. Youth Month is a time to reflect on the sacrifices made by young people in the struggle for freedom and to celebrate the contributions of young people to South African society today. This year, youth month was commemorated under the theme "accelerating youth economic emancipation for a sustainable future."

The country continues to face challenges of unemployment, poverty, and inequality resulting in young people remaining unemployed. To address the concerns of unemployment and economic growth, collaboration between the government, business, and academia is required.

The fundamental themes of inclusion, change, and collaboration are emphasised in the 2019 White Paper on Science, Technology, and Innovation. In line with this, TIA continuously strives to increase the role of previously disadvantaged individuals, including women, youth, and people with disabilities in innovation. TIA ensures that its programmes and funding instruments are relevant and inclusive of these groups. Of the innovators supported and funded by TIA in the 2021/22 financial year, 37,8% are youth and this number keeps growing as the agency continues to engage more youth with innovations that can translate South African resources into sustainable socio-economic opportunities.

Some of the agency's programmes that have been inclusive and accommodating of young people include the TIA Internship Programme, Grassroots Innovation Programme (GIP), and the Technology Stations Programme (TSP).

Over the years, an urgent need to integrate theoretical learning and experiential training by providing a setting for students to apply the knowledge obtained in order to effectively address the challenges of unemployment and economic growth has emerged. Through the graduate internship and work-integrated learning programs, this requirement for experiential training is intended to increase the capacity of graduates.



Since inception, the TIA Internship Programme has provided work experience for 725 young people. TIA takes pride in reaching such heights and transforming young minds into critical thinkers and innovators. This initiative is aimed at providing the youth with the necessary skills to gain work-related experience.

Another initiative implemented by TIA is the Technology Station Programme (TSP), established by the DSI. TSP promotes collaboration between industry and academia, applied specialised knowledge and technology, and fosters innovation to increase industry competitiveness and to further create employable graduates that can embark on the journey of starting SMMEs to further create employment.

The technology stations also provide a link between theoretical and practical instruction by providing a setting in which students can use newly learned skills. Graduates placed at Technology Stations have access to state-of-the-art equipment and platforms enabling them to work on industry-related projects using the latest standard of technology, giving them a competitive edge within the industry. The skills acquired by the graduates will be relevant to the current economic climate

meaning that the skills learned will be in line with what is required by the market. Through the Work Integrated Learning and Graduate Internship Program, this mandatory experiential training requirement for graduation is designed to increase the capacity of graduates.

GIP is a strategic intervention initiated by the DSI and implemented by TIA to support the needs of grassroots innovators. The programme supports innovators working outside the realm of formal innovation institutions and develop innovations to solve local challenges using local resources. Through the programme, innovators are linked to subject matter experts and advanced facilities where their innovations and inventions are further developed to support market entry.

TIA is playing a vital role in improving the lives of South African youth through its internship program, Technology Station Programme, and other initiatives. While funding and supporting young innovators to develop innovative solutions to the challenges facing South Africa, the agency also capacitates young people with the skills and knowledge required in the 21st century economy.

YOUTH

Innovating sustainable solutions to improve the lives of South Africans



Lesego Pitsoane

"TIA supported my innovation by funding its development from proof of concept through to market validation. PAISA Technology develops hardware and software solutions that use artificial intelligence technology to detect, perceive and predict occupational hazards to prevent accidents and enhance safety. TIA has provided me with networking opportunities with funders, partners and clients."



Ntshabo Lehong

"My innovation is the m-Temp online temping platform. m-Temp is a Hospitality opportunity and talent matching Chatbot that looks to directly connect companies with available skilled staff based on available shift work. Workers will set up their profiles on the platform and companies will post available shifts. Mindful of Data costs, we have developed m-Temp to be a WhatsApp chatbot to minimise data costs for work seekers.

Through the TTIIGP TIA has supported me by funding my innovation and availing platforms for me to interact with potential customers."



Golden Mashego

"Mpumalanga Art exposure is an online art store that sells authentic handmade art crafts which are locally made by native people living adjacent to tourist attractions such as Kruger National Park. Our crafts are influenced by the styles and cultures of our people making them original and limited-edition art crafts. Through our online store and business partners, tourists can book a tour guide to our local parks.

TIA supports the development of my innovation through funding, market testing and IP training.

The success of my innovation will assist local crafters to sell their creations to a wider market as it is online. We have received further support to train 30 crafters on product development and to onboard them to our platform."



Kyle Bridjer

"Gido is a mobile and web-based application that enables a traveller to create and book a tour in under five minutes while providing equal work opportunities for freelance tourist guides. On signing up, the traveller selects their preferred language and their interests. The App will provide the traveller with tour routes most applicable to their profile. Travellers will have the option of a default tour itinerary or to create their own, select a date and group size. The App uses an algorithm to create a list of available freelance tour guides based on the traveller's profile.

TIA supported me through funding and availing platforms for market access."



Siphwe Zuma

"My innovation is a retractable umbrella that can be retrofitted to a wheelchair for protecting a wheelchair user from the rain or harmful UV rays. The umbrella has a mechanism to allow the wheelchair user to pull a strap and open the umbrella, adjust its height to the user's preference. The strap mechanism can be used to close and retract the umbrella back into the wheelchair.

TIA provided me with funding and platforms to showcase my innovation for market access."



Peace Mjwara

"My innovation is a technology providing an internet connected hand sanitiser dispenser. The hand sanitiser dispenser can be activated by a user identity card along with the aid of voice prompts. The technology can log the hand washing activities and analyse activities from all dispensers across the facility. The data collected is populated into a readable user interface thus providing management with actual figures for hand hygiene performance.

Through the Grassroots Innovation Programme, TIA supported me to develop the software and build the prototype at the TUT Technology Station. TIA also supported the IP protection through trademarks and filing for patent, and provided opportunities to engage with other entrepreneurs."



Talita Giqo

"My innovation, EmboDGtech, is an App based technology targeted at the hospitality industry. Checking-in online through my App will enable guests and establishment owners to manage access to rooms using virtual cards using pin codes, QR code, Bar codes or biometric verification on mobile devices. It will also enable the visitors to pre-order meals, resulting in less waste for the hospitality business as they would only prepare required meals.

TIA is supporting and funding the development of my innovation through the Technology Tourism Grassroot Innovation Incubation PROGRAMME (TTGIIP)"



Mbangiso Mabaso

"The innovation I developed is a bundle of science apps that allows learners to perform science experiments by using the camera of their smartphone or tablet. Sisanda Apps can be used by grade 4 to 12 learners, and it makes science engaging, fun and accessible to thousands of learners.

The App is currently being piloted in schools through the KZN Provincial Department of Education.

TIA supported me through funding the development of the innovation and facilitated the pilot study in KZN."



Piet Mashita

"I developed Abiri Innovations to create a tourism platform that provides an integrated mapping system to give tourism companies digital presence in townships and rural communities. The App allows for easy location of establishments in townships and rural communities for tourists. It profiles local tourism business to compete with city-based establishments through digital identity and unlocking digital benefits. We have partnered with BookingPal to offer a comprehensive mapping and booking service where travellers can access rural and township-based tourism businesses at the click of a button.

TIA has supported my innovation with funding through the TTGIIP Programme with the Department of Tourism."



Prashant Maharaj

"My innovation, the ShazaCin Accessible Media App serves as a personal narrator, creating an imaginative visual experience of tourist attractions for blind persons. The App stores soundtracks of videos and pre-recorded tours, local and global. The App enables the user to listen to the audio through their mobile phone and brings the visual world directly to the blind or visually impaired user. It connects them to educational, entertainment and economic opportunities in tourism, both as consumers and creators.

TIA has supported the development of ShazaCin through the Grassroots Innovation Programme and various market access platforms."

TIA IS A FUNDER, CONNECTOR, ENABLER.

Accelerating youth economic emancipation for a sustainable future.

PELEBOX: CONVENIENT ACCESS TO CHRONIC MEDICATION

Neo Hutiri, founder of Technovera, is a young South African who, from his own experiences, developed an innovation that has great social impact by easing access to chronic medication in public health facilities. Neo was diagnosed with Tuberculosis (TB) in 2014. While collecting his medication from a public clinic, his biggest challenge was the time spent waiting in long queues. On average, Neo was spending in excess of three hours just waiting in long queues, this led to the conceptualisation of his innovation, Pelebox

Technovera developed a-first-to-market, locally produced smart-locker self-service solution, the Pelebox, that enables the collection of chronic medication in under 2 minutes. The technology offers increased speed of medication delivery by automating the scheduling of medication collection thus eliminating queues in public clinics and hospitals.

A health care administrator places the required medication into a locker cubicle and a one-time pin (OTP) is sent to the patient's cellphone to collect their medication when it is ready. The Pelebox would also assist hospitals and clinics to effectively administer patient records without the need to manually re-register patients on collection of medication. The smart locker produces real time data about patients who collected their medication.

The innovation is aligned to national social imperatives such as the National Health Department's Central Chronic Medicines Dispensing and Distribution (CCMDD) programme which aims to provide public sector patients with alternative access to vital antiretroviral and other chronic medication. Pelebox improves access to chronic medication for patients dependent on public healthcare through internet-

enabled smart-locker devices. The platform reduces congestion of patients collecting chronic medication by helping them to avoid long queues at clinics when collecting monthly chronic medication. In a time of super viruses when the world is still dealing with the ravages of the COVID-19 pandemic, patients with underlying conditions are susceptible to infections. By reducing the time spent at health care facilities, the Pelebox serves to protect patients from secondary infections.

TIA has been actively involved throughout the development of the Pelebox Smart Locker System providing both financial and non-financial support. Non-financial support included interventions such as business development, route to market strategies and fund-raising strategies. The company has commercialised and

achieved market uptake even beyond South African borders having installed Pelebox systems in countries within the SADC region. Technovera is now in the process of expanding to other countries on the continent, with prospects of deploying the system at ten identified sites.

Pelebox is an example of an innovation developed by young individual who is in touch with the realities and challenges faced by many communities in South Africa.

Hutiri has identified a societal challenge and responded to it by developing a technology that will address the problem of health care service delivery for both the end user and the public health system.



CONTACT US

PRETORIA

The Innovation Factory,
6 Mark Shuttleworth Street,
The Innovation Hub, Lynnwood,
Pretoria, 0087
South Africa

JOHANNESBURG

Technovera Pty Ltd,
Tshimologong Precinct,
41 Juta Street, Braamfontein,
Johannesburg, 2001
South Africa

 neo.hutiri@technovera.co.za

 +27 79 028 5327

 www.pelebox.com

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TIA YOUNG INVESTEES SHOWCASE 4IR INNOVATIONS AT PARLIAMENT

The 2020 Stats SA Midterm Population Survey shows that young people make up more than a third of the population. With a large percentage of the population consisting of young and creative minds, South Africa needs to focus on the role of young people in promoting the 4th Industrial Revolution to curb unemployment and drive innovation.

As part of celebrating the 2023 Youth Month, Parliament launched a nationwide Youth Innovation Exhibition drive to celebrate young innovators through a series of initiatives to showcase youth innovation. The Deputy Speaker of Parliament Mr Lechesa Tsenoli hosted the launch for youth innovators focusing on the practical applications of 4IR within society. The sessions were attended by various key stakeholders including Members of the Executive, industry giants, academic institutions and Members of Parliament

Five TIA supported innovators were invited to Parliament to participate in this initiative. The session was facilitated by the Chairperson of the Portfolio Committee on Higher Education, Science and Innovation, Ms Nompandolo Mkatshwa and attended by the Deputy Minister of Higher Education, Science and Innovation- Mr Buti Manamela, and members from the Parliamentary



Committee on Higher Education, Science and Innovation, young innovators, learners and media. Mr Patrick Krappie, Acting CEO of TIA and five youth grassroots innovators were speakers at the event. The innovators were:

- **Senzo Masumpa**, Zlito - developed a youth tracking tool that uses blockchain technology to increase

engagement among youth in the NSI.

- **Rhoda Storm**, African Intelligent Machines - developed pneumonia diagnostic model for healthcare professionals.
- **Yolanda Khumalo**: Digital and Drone Solution for personalised-digitised outpatient healthcare supply chain for patients with chronic illness in hard-to-reach low-income areas.
- **Tieho Tsiane**: -Ka-dah device-assist visually impaired persons to access Apps on their smartphone.
- **Swelihle Magubane**: - Foldable shelter for wheelchair users

South Africa plans to optimise its strengths, leapfrog to technology convergence, and enhance its manufacturing capacity, while mobilising every segment of society to spearhead human development. This initiative will provide an opportunity for young innovators, the three-spheres of government, and industry players to harness existing skills and to optimise the potential solutions young people can provide.

This was a valuable platform for TIA to showcase the work it does with young innovators in finding and supporting innovative technologies that can change the lives of South Africans for the better.





INTERNSHIP PROGRAMME: EMPOWERING GRADUATES TO CONTRIBUTE TO THE NSI AND THE ECONOMY

In the quest to transform the South African economy from a resource based to a knowledge economy, there is a pressing need for innovation skills development. The economy requires technical and other skills that support innovation. TIA through its Internship Programme seeks to support the government in expanding graduate support programmes to include the development of

technical, entrepreneurship and innovation related skills, such as IP management.

TIA has, over the years, seen some of the interns progress outside of the organisation, but more importantly remain to grow within the organisation. As we reflect on the notion of TIA as an enabler and connector, we connect with some of the Alumni of the

TIA Internship programme.

The TIA Internship Programme is another way TIA is contributing to growing the Knowledge Economy and critical skills in science innovation. The internship programme is just one of the initiatives TIA undertakes to support the upskilling and affording opportunities to young people.

Boipelo Manoko

I joined TIA as an intern in September 2012 after completing my Master's in clinical science and immunology. I was subsequently appointed as a Business Development Officer based at the Cape Town office.

I was fortunate to join a team that welcomed me with open arms and treated me as a valued employee rather than just an intern. This meant that I was not restricted and allowed me to fully immerse myself in the work. The level of exposure I gained during this time was truly exceptional, thanks to the unwavering support of my managers who guided me in navigating a completely new field. In that time, I also gained valuable experience in the Technology Platforms Unit. This experience broadened my understanding of the organisation and various projects.

I am also grateful to Lucy Moteka, who manages the Internship Programme. Her

dedication to the programme ensured that as an intern I received all the support I required, even when I experienced a personal upheaval, she was very supportive.

Since leaving TIA, I have had various opportunities in the NSI, including organisations such as the Desmond Tutu Health Foundation, South African Medical Research Council and North-West University.

I am currently a Technology Transfer Manager at the University of KwaZulu Natal Technology Transfer Office (TTO). My responsibilities include management of the Tech Transfer portfolio, supporting, management and commercialisation of University IP. This includes developing awareness and training for students and researchers on IP and commercialisation.

An internship is a valuable opportunity for learning and personal growth. I encourage all current and future interns to approach internship with an open mind and a hunger for knowledge. It is important to put your best foot forward and make the most of



the opportunity given to you. Take the time to plan your career path, explore new responsibilities and tasks. It is crucial to manage your time effectively.

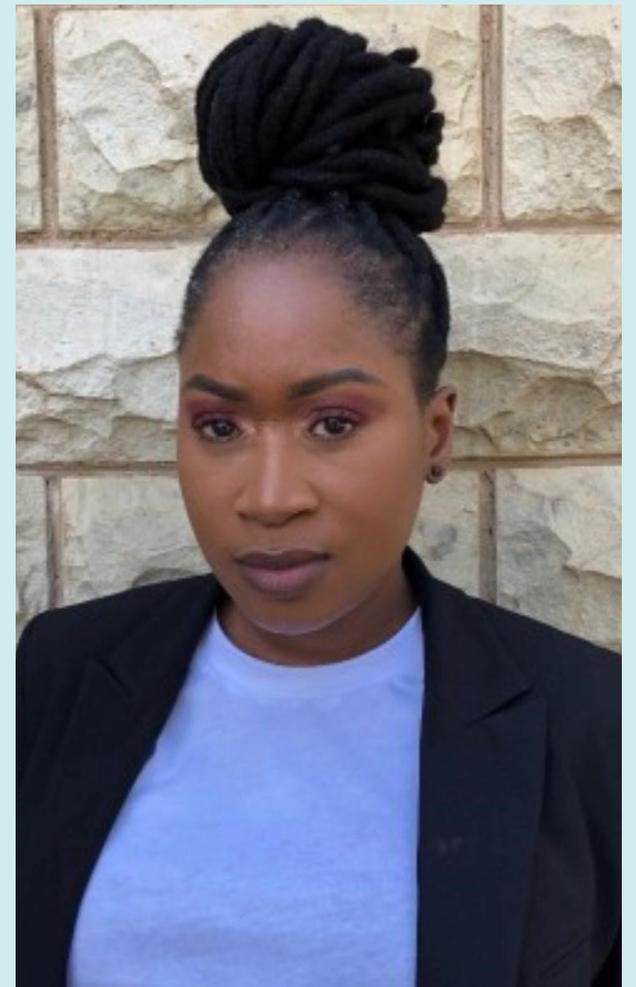
Xoliswa Malinga

I started as an intern in 2010 at the CSIR. I was privileged to be placed at CSIR where I had the opportunity to shadow world-renowned scientists. The internship program opened my world view to the challenging but equally rewarding world of entrepreneurship. It stimulated me to think in a solution driven mindset, to challenge my mind to innovate and constantly push the envelope to find new ways of doing ordinary tasks. During my internship, I also entered a TIA sponsored science and innovation competition and won the competition for a spray concept that would be used to undo micro synthetic hair braids.

After the internship I joined the pharmaceutical industry and worked for various multinational pharmaceutical companies such as Novartis, Johnson and Johnson and clinical research organisation like PRA Health Science, PPD and ICON.

I am currently working as an independent freelance clinical research associate, some of my clients are multinational pharma and biotech companies including Gilead, Novartis, Pfizer, Alvotech, Polphama. I offer clinical research management services for clinical studies sponsored by the pharma industry. My job entails visiting various clinical sites such as doctors practice, hospitals and research centers where clinical trials are conducted. My main duty is overall monitoring and management of clinical studies and to verify that the studies are conducted in compliance with protocol, good clinical practice, regulatory requirements, and sponsor guidelines.

I would encourage other interns to join the program and apply themselves to all the programs requirements. Open your mind to learn and be challenged from your comfort zone. You have a contribution and value to add to this world, as unique as your individual fingerprints are, so is your value proposition. The trajectory of your



career is a factor of what you do with the opportunities presented to you.



Sandile Cele

Sandile Cele made news during the height of the Covid-19 pandemic for having grown the Omicron variant of COVID-19 for research, in record time. The variant needed to be grown in laboratory conditions for scientists to study. Viruses are isolated or 'outgrown' by infecting cells in the laboratory, using swab samples from infected individuals. The infected cells then produce more virus that can be used in a lab to run experiments, like testing vaccine efficacy.

Sandile Cele was part of the TIA/NRF internship intake in 2014. He was based at the IDR in the Bioprocessing Platform as a research scientist intern. The experience he gained from the

internship at IDR prepared him for his next job at the Africa Health Research Institute (Ahri) as a laboratory technologist. His scope of work there involved understanding HIV evolution of drug resistance.

Among the institutes he appreciates in assisting him in this ground-breaking work is the KwaZulu-Natal Research Innovation and Sequencing Platform (KRISP), a TIA Platform, and the National Institute for Communicable Disease (NICD). These, he says provided the Omicron swab samples without which he would not have been able to isolate and grow the variant for study.

Tshembani Khupane

I joined TIA in 2012 as a DSI-NRF Intern in the Agri-biotech unit, in the next year, I was appointed as a Junior Investment Case Specialist in the same unit. By that time my curiosity had been piqued as before working at TIA, I had no knowledge of the National System of Innovation (NSI), and the amazing work that being done in these entities.

I left TIA in 2015 to join the Technology Transfer space at Public Research Institutions. I returned to the agency in 2017 to take up the position of Programme Manager: Seed Fund and subsequently Senior Programme Manager SEED Fund. Currently I am also the Acting Head of Strategic

Partnership and Stakeholder Relations.

To the young people at TIA, an open mind and curiosity will take you far in the innovation space. Read and develop yourself in the field you work in, maintain a positive outlook towards work and colleagues. Approach your work, not as an intern but as a professional.

My Mentor is not just my Line Manager, but every professional I work with is someone I can learn from. As a young person, I have grown within TIA and the NSI. TIA gave me an opportunity to launch my career in the NSI and I have since developed an interest in Technology transfer and Investment management.



Prudence Mononyane

I joined TIA in April 2017 as an intern in the Office of the Executive: Innovation Funding and Pre-Commercialization Support (IFPCS). After 12 months I was afforded the opportunity to broaden my experience as a Trainee Portfolio Manager.

Since then, I have been drawn to the NSI and have pursued growth in the space. What interested me most about the NSI is how it can impact technology innovation in South Africa, working towards making SA the pioneers of innovation as opposed to consumers of innovation.

From the time I started in TIA, I always wanted to work as a Portfolio Manager in the health business unit, health is my passion. In the interim, however, I got to work in other roles in the agency and these became the building blocks towards my end goal. Before then I had worked in the Energy and Natural Resources Units, all in the space of 3 years, before I became Portfolio Manager in Health.

All the roles that I have worked in have helped me amass the expertise I have. I spent all that time preparing myself for my goal by shadowing Portfolio Managers, learning more about the NSI and its stakeholders. The lesson in my experience is, always excel where you are while preparing yourself for where you need to be, that way you build discipline, consistency, and excellence.

In TIA I have received much support, training and experiences that have enriched my growth. Most notable was the CADET leadership programme, "Leadership in the Connection Economy".

To the youth at TIA, it is important to note that TIA provides an enabling environment for you to grow, it is however, your responsibility to grow, so have a learning and growth mindset. TIA is an organisation rich with knowledge and expertise, make sure that you extract as much as you can from every professional in the organisation.

CLIMATE SMART LOCALISED WEATHER STATIONS LAUNCHED

Agriculture is a key contributor to the economic development and GDP of South Africa. Over the last two decades, agriculture has been subject to economic changes which have impacted the industry. In addition, climate change is progressively changing the environmental, social and economic conditions in this sector. The effects of climate change pose a threat to the region's water resources, food security, health, infrastructure, ecosystem services and biodiversity.

The agriculture sector faces various risks associated with climate change. These include changes in rainfall patterns, increased evaporation rates, extreme temperatures, changes in diseases and pest distribution ranges and reduced yields in optimum growing regions.

Innovation is key to the development of technologies that can mitigate the risks faced by the agricultural sector. TIA launched the EUREKA Climate Smart Agriculture localised weather stations developed by Metos SA (Pty) Ltd. The launch was held in June, at the Kloovenburg Wine Estate in Swartland, Western Cape, where a localised weather station is in use. This initiative is funded through the partnership of TIA, DSI and the global consortium comprised of TerraClim, Pessl Instruments GmbH, Metos SA (Pty) Ltd and Geosmart Space (Pty) Ltd.

The weather stations provide localised climate data to improve water use efficiency, reduce the impact of disease and adapt to climate change. These will also aid in the selection of crop varieties and cultivars that are optimal for a specific location.

This technology aims to reduce pesticide inputs that impact the quality of food and the lives of workers, reduce water use, reduce CO2 emissions by limiting use of machinery and on farm travel. This can also improve compliance with international export market requirements for Maximum Residue Levels, mitigate intra- and inter-seasonal vulnerability by protecting beneficial insect population through balanced smart spraying programmes.

More than 200 weather stations and 14 CropView cameras have successfully been installed across the Western Cape province. The weather stations have been positively



received by the farmers using them as they give data specific to each farm.

"The importance of technologies such as the localised weather stations cannot be over emphasised. The benefits of this innovation are far reaching as they go beyond just the food produce but can extend to animal feed. The result is agricultural produce that meets export regulations thus impacting the GDP.



Agriculture is key to food security for the country, but with technologies such as this, we can produce better quality food, which means a healthier society," says Mr Sibusiso Manana, Head: Agriculture at TIA.

As a EUREKA associate member country, South Africa, through the DSI, invested in successful local applicants to the EUREKA Network Projects multilateral call on disruptive technologies. These include technologies in various fields such as precision agriculture; and ICT solutions for the agro-food sector.

"The DSI is proud of the work that has been achieved by all the partners involved in this initiative. Innovation is more than just invention but includes collaborating for a wider impact. The consortium that was successful in the Eureka call for proposals has demonstrated that. It is also encouraging to see various stakeholders such as the Weather services, financial sector and others take an interest in the innovations that the National System of Innovation is investing in," said Mr Toto Matshediso, Director: Global Projects - Department of Science and Innovation.

EUREKA Climate-Smart Agriculture is an intergovernmental organisation for market driven industrial research and development (R&D). It is a decentralised network facilitating the coordination of national funding on R&D and Innovation, aiming to boost the productivity and competitiveness of industries.



**CALL FOR PROPOSALS: GRASSROOTS
INNOVATION PROGRAMME**

**CLOSING DATE:
29 SEPTEMBER 2023, 16:00PM**

**TO LEARN MORE ABOUT THE GRASSROOTS INNOVATION
PROGRAMME CALL, VISIT: WWW.TIA.ORG.ZA**



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



UPCOMING EVENTS

Event	Date
National Science Week	31 July - 05 August 2023
Indigenous Plant Use Forum	27 - 31 August 2023
BIO Africa Convention	01 - 06 September 2023
African BIO Trade Festival	14 - 16 September 2023
SA Innovation Summit	26 - 29 September 2023

**SAVE
THE
DATE**





Our Vision

To be a leading technology innovation agency that stimulates and supports technological innovation to improve the quality of life for all South Africans



Our Mission

To facilitate the translation of South Africa's knowledge resource into sustainable socio-economic opportunities.

Our Values



Teamwork

Together we can do more. Fostering teamwork creates a TIA work culture that values collaboration and co-operation.



Integrity

We strive to do what we said we would, when we said we would do it.



Professionalism

We apply the most appropriate skills, competencies, experience and knowledge of best practices cohesively in conducting our work.



Transparency

We engage in inclusive open communication, and hold each other accountable for our performance and conduct.



Excellence

We will be accountable to all stakeholders to deliver exceptionally high standards of work and performance.



Innovation

We foster a culture where we continually nurture and implement new ideas from our staff and stakeholders that enhance how we do things and deliver services.