



ALUMNI UPDATE

Message from the Dean

December 2022

As challenging as this time has been, the past three years have forced us to pause and reflect on certain aspects of our work and operations. Technology will continue to disrupt education and the way we teach.

Our [Teaching and Learning Think Tank](#) looked at alternative models of teaching, course deliverance and assessment methods. [The Infrastructure Think Tank](#) looked at our needs in terms of infrastructure to deliver a holistic, innovative, future-oriented, student-focused education. Students from quantity surveying and architecture were part of a simulated office programme where they developed and shared their ideas on creative, open and flexible learning spaces for the future EBE.

In planning for the future, we have some exciting projects happening in the faculty. Professor Pilate Moyo from Civil Engineering and Professor Marcello Vichy from Oceanography have embarked on a fundraising campaign to build a [Digital-Polar Laboratory](#) – a first for Africa. The Department of Mechanical Engineering, under the headship of Professor Brandon Collier-Reed, has reimaged its spaces, and there are plans to create collaborative spaces, high-tech laboratories, experiential learning facilities and flexible teaching spaces.

It has been heartening to see staff and students coming together to develop solutions to very complex problems by listening to each other and showing



their care and support when anyone faltered. We are very grateful to the alumni who were supportive and provided the faculty with guidance and advice to help us through the challenging times.

I wish you all the best for 2023.

EBE departments ranked no. 1 in South Africa

Three EBE departments are ranked number one in South Africa in the 2022 QS World University Rankings by Subject. The rankings are based on academic reputation, employer reputation and research impact. While rankings are not a perfect measure of excellence, we are happy to celebrate when the departments are recognised for their hard work and commitment to research.

The top three are:

- Department of Mechanical Engineering
- Department of Chemical Engineering

- Architecture in the School of Architecture, Planning & Geomatics

The Department of Electrical Engineering was ranked third and no South African universities were ranked in civil engineering. UCT's Architecture is top in Africa, with UCT's Mechanical and Chemical ranked second after Cairo University in Egypt.

The University of Cape Town remains the best university on the continent, according to the 2022–2023 US News & World Report Best Global Universities Rankings released in October.

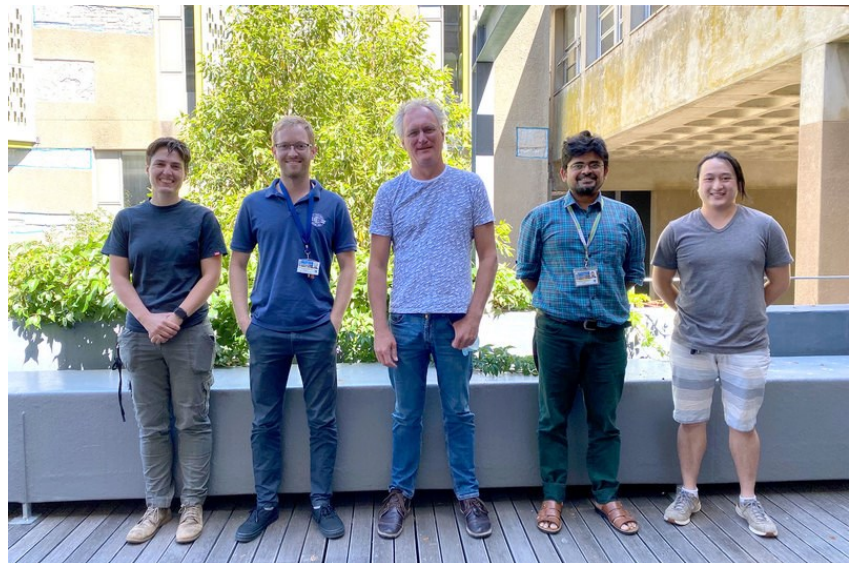


Monitoring marine pollution

Engineering has the biggest role to play in making fundamental societal change – this is the motivation of the team in the Department of Electrical Engineering as they embark on a new project that aims to locate and monitor ocean pollution in waters off Cape Town.

Led by Professor Amit Kumar Mishra as the principal investigator – along with Associate Professor Fred Nicolls, senior lecturer Robyn Verrinder and lecturers Jarryd Son and Stephen Paine – the team will soon undertake Project SMARTPOL, a new venture that will identify sources of pollution in our waters through methods never seen before.

Project SMARTPOL, a shorter name for a project called “Autonomous network system with specialised and integrated multi-sensor technology for dynamic monitoring of marine pollution”, is a three-year project that was granted



From left: Robyn Verrinder, Stephen Paine, Assoc Prof Fred Nicolls, Prof Amit Mishra and Jarryd Son

funding by the MarTERA ERA-NET Cofund scheme of the European Commission.

UCT’s Department of Electrical Engineering was awarded the funding as part of a consortium that includes

the Yildiz Technical University and Sirena Marine Yachts Group from Turkey, AquaBioTech Group and the Malta College of Arts, Science and Technology from Malta, and Interactive Software from Romania. [Read More](#)

Polar Engineering

UCT’s engineering scientists are taking the lead in a transdisciplinary research endeavour to unpack the annual cycle of sea ice advance and retreat in the Antarctica marginal ice zone from an engineering perspective.

Due to the uniqueness of the collected field data, the very first [paper](#) by the recently established polar engineering team was accepted for publication in [The Cryosphere](#) – the highest-ranked journal in its field – focusing on all aspects of frozen water and ground on Earth and on other planetary bodies.

The 15-member team – led by Professor Sebastian Skatulla and Dr Keith MacHutchon of UCT’s Department of Civil Engineering, and Professor Marcello Vichi of the Department of Oceanography – travelled to the Antarctic ice edge at the Good Hope Line, nearly 3 000 km south of Cape Town, to study Antarctic sea ice formation in order to better predict



Professor Sebastian Skatulla (right) and Dr Keith MacHutchon from Civil Engineering.

annual and long-term changes in sea ice extent, and thus improve the accuracy of global climate-modelling predictions. [Read more](#)

Recognised for her commitment to safe and secure transport

In July, Professor Marianne Vanderschuren from the Centre of Transport Studies in the Department of Civil Engineering received the NSTF-32 Special Theme Award for her outstanding contribution to science, engineering and technology and innovation. The award acknowledges the role she plays in improving the quality of life of vulnerable road users using Smart Mobility through research solutions based on the basic sciences.

Marianne's research focuses on transport improvements for vulnerable road users, resulting in more than 5,000 lives being saved since 2009.

She is an international leader in her field, and her considerable research outputs and capacity development initiatives have been recognised by her election as a Fellow of the South African Institution of Civil Engineering, as a Fellow of the Institution of Civil Engineers UK (one of 63 in Africa) and by the DSI-NRF/CSIR Smart Mobility Research Chair award. For 2022, she was appointed President of the South African Institute of Civil Engineering. [Read More](#)



Decarbonising the aviation sector

The University of Cape Town (UCT) is one of the partners in a €40 million (R718 million) three-year research project that aims to develop and improve next-generation catalysts that will play a large role in decarbonising the aviation sector by creating sustainable aviation fuels.

Professor Michael Claeys, Director of the DSI-NRF Centre of Excellence in Catalysis at UCT's Department of Chemical Engineering, is the principal investigator of the UCT team that is partnering on the CARE-O-SENE project, which is led by Sasol and Germany's Helmholtz-Zentrum Berlin (Helmholtz Centre for Materials and Energy, HZB).

CARE-O-SENE (Catalyst Research for Sustainable Kerosene) is a German-South African research project which will see seven German and South African partners working together on fuel catalysis research and technology



development. Their goal is to make large-scale production of green kerosene possible by 2025.

"The CARE-O-SENE project is about making the future fuel for aviation," Prof Claeys said. "The aim is to decarbonise the aviation sector and make it sustainable over the long term,

by focussing our research efforts on the catalysts that are needed to produce green kerosene on a commercial scale. We are undergoing a huge change in our global energy systems, and every country has to play a role in that.

[Read More](#)

First African Google PhD Fellowship

Electrical Engineering student Humphrey Owuor Otieno has been awarded the first African Google PhD Fellowship under the Systems and Networking subcategory. The fellowship programme, which recognises outstanding graduate students doing exceptional and innovative research in areas relevant to computer science and related fields, supports PhD candidates who seek to influence the future of technology.

Kenyan-born Otieno graduated with a BSc Telecommunications and an MSc Information Technology at Strathmore University in Nairobi and was an MSc exchange student at the Royal Institute of Technology in Stockholm, Sweden, before enrolling for a PhD at UCT. His research is part of the ongoing collaboration between researchers in the Department of Electrical Engineering's communications research

group led by senior lecturer Dr Joyce Mwangama, and the Telemedicine research group in the division of Biomedical Engineering, led by junior research fellow Dr Bessie Malila.

Under the supervision of Dr Mwangama and Dr Malila, Otieno's research is a key contribution towards the development of a digital health testbed in the Human Anatomy Building and Menzies Building at UCT. The project is a first in Africa and will provide a platform for the accelerated translation of research ideas into commercial products and services that can be adopted into African health systems, in line with UCT's Vision 2030 for research. [Read more](#)



Humphrey Owuor Otieno with his supervisors, Dr Bessie Malila (left) and Dr Joyce Mwangama (right)

Research grant from Mathworks—first in Africa

Robotics and artificial intelligence can be used to great effect in Africa – especially if we, as Africans, can control the narrative, said Associate Professor Amir Patel, the director of the African Robotics Unit (ARU) based in the Department of Electrical Engineering at the University of Cape Town.

Associate Professor, Patel who already holds a prestigious Google Research Scholarship, has just received a US\$125 000 (approximately R2.2 million) award from an American company, MathWorks, to further his laboratory's research into cheetah locomotion.

"I think the award is fantastic because it's a recognition of us doing interesting multidisciplinary scientific



work, enabled by MATLAB, the computer software produced by MathWorks. And what's also worth mentioning is that we are the first Africans to receive this award," said Patel.

MathWorks specialises in mathematical computing software which Patel and his colleagues use in their day-to-day research. Patel is energised by the award and he thanked MathWorks for their belief in his ongoing research. Patel is energised by the award and he thanked MathWorks for their belief in his ongoing research. "It is very gratifying because it recognises that the African Robotics Unit is a research group that's pushing the boundaries of how the MathWorks' tools are being utilised – specifically the innovative use of their software," he said.

[Read more](#)

Architecture students help rebuild children's theatre involvement

Staff and students from architecture have helped to rebuild a popular Langa children's theatre after it was damaged by fire in 2020.

The repair project at the Guga S'thebe Children's Theatre was completed in August 2022 after Clint Abrahams, a lecturer in the School of Architecture, Planning, and Geomatics, kicked off the project in 2021 and brought his students in by incorporating design work for the theatre into his 2021 and 2022 second-year classes.

The theatre was originally part of a design-build programme which saw students from schools around the world – the Peter Behrens School of Arts (PBSA Düsseldorf), RWTH Aachen University (Aachen, Germany), the Georgia Institute of Technology (Atlanta, USA), and UCT – design and build a theatre and performance space as an extension to an existing arts and culture centre. The project was completed in 2016 in collaboration with UCT alumnus and architect Carin Smuts and the structural engineering company Imagine Structure GmbH (Frankfurt).

"Since its completion, the award-winning theatre had become an important place for the arts in Langa and an



Architecture students who worked on the theatre with lecturer Clint Abrahams. Photo Nasief Manie.

important site for ongoing architectural learning," Abrahams said. In September 2020, part of the theatre was damaged by a fire that destroyed the main theatre space's ceilings and sound studio. Despite the damage, the theatre was declared salvageable by the City of Cape Town's insurer, and this set into motion the rebuilding project." [Read more](#)

Outstanding scholars recognised



Professor Aubrey Mainza (Chemical Engineering) and Professor Pilate Moyo (Civil Engineering) were inaugurated as new members of the Academy of Science of South Africa (ASSAf). The ASSAf membership honours and recognises the country's most outstanding scholars. New members are elected each year by the full membership of the Academy in recognition of scholarly achievement.



IEC Young Professional



Pitso Sekhoto, a 2012 electrical engineering graduate, represented South Africa at the San Francisco International Electrotechnical Commission (IEC) Young Professional

programme, which brings together the future leaders of standardisation and conformity assessment. Participants are hand-picked by IEC National Committees to represent their country. Pitso had his article titled 'How can standardisation be used to enhance the integration of renewable power systems while reducing the energy cost of the end user', published in the September [Wattnow \(SAIEE\) magazine](#).

Pitso is the South African Cigre D2 secretariat and a Cigre D2-Africa task force member. Cigre is an international council on large electric systems and a global non-profit organisation in high-

voltage electricity. The scope of its activities includes the technical and economic aspects of the electrical grid and the environmental and regulatory aspects.

In 2012, Pitso was part of the EBE student council, which received the Team of the Year Award, a UCT Student Leadership Award. He was responsible for the career development and publications portfolio. He is currently a senior engineer in the control, automation and cybersecurity space at Eskom Holdings.

Rhodes Scholarship for mecheng student

Mokone Shibambu, a 2022 final-year mechanical engineering student, is a recipient of a prestigious 2023 Rhodes Scholarship, which supports outstanding young people to pursue postgraduate study at the University of Oxford. His academic achievement and leadership qualities impressed the regional selection committee. Shibambu hopes to register for a master's degree in energy systems, a degree that explores the production and supply of energy and the societal and political implications involved.

Shibambu was born in Makuleke, a village near the Kruger National Park in Limpopo, where his mother, uncles and grandmother raised him. He matriculated from Jim Chavani High School in 2018, one of the best under-resourced high schools in the province, where he was named the best learner in the school and the circuit for the 2018 matric class. After matric, he was undecided on what



he wanted to study. Medicine had been his first choice, but after visiting a hospital, he decided it was not for him. "I chose mechanical engineering as I did not like how engineering designs affected my ancestral land inside the Kruger National Park. I decided to study at UCT because it is the best institution in the country, and I also wanted to challenge myself to be away from most of my friends in Gauteng." When he got to UCT, he struggled. He is thankful to his friends, including Thabang Sebetsoane, a 2019 final-year mechanical

engineering student with a passion for helping others, who supported him and helped him succeed and excel in his academic work.

Sebetsoane had founded an NPO Project, Tshehetso, which mentored and coached high school students to prepare them for university life, and an engineering degree. When Sebetsoane graduated in 2019, Shibambu took over as project director and continued the good work.

"In my second year, I became interested in the energy sector and wanted to help solve South Africa's energy challenges, help people and protect the environment," he said. "The scholarship offers me the opportunity is a challenge for me to learn in a more diverse environment and showcase my abilities in a foreign land. For my family, this is an opportunity to grow and gain skills that will help me provide a better life for my family".

Alumni start-up amplifies online education access

A novel education development platform that prioritises the needs of skilled and semi-skilled South Africans is set to advance the country's online training and development industry. The success of the start-up, the brainchild of five University of Cape Town (UCT) alumni, will be a game-changer for the country's online learning space.

Created specifically with the needs of Africans in mind, Epitek works alongside organisations in the local accredited training sector to make learning fun and accessible. The start-up provides its clients with a white-label online education platform tailored to their individual needs and brand look and feel – making the platform uniquely client specific.

According to Sam Burditt, the head of product development at Epitek and a UCT mechanical and mechatronics engineering graduate, the business



Five UCT alumni founded Epitek, a start-up that is set to advance the country's training and development industry.

assists clients with the transition from an in-person learning environment to a digital learning space. The process includes moving all learning material

onto a digital, easy-to-use platform to create a seamless learning experience.

[Read More](#)

CME celebrates 50 years

This year the Centre for Materials Engineering is celebrating its 50th anniversary.

The Centre started as the Department of Metallurgy and Materials Science in 1972 under the leadership of the late Professor Tony Ball. The department formally changed its name to the Department of Materials Engineering in 1984 with follow-up full accreditation by ECSA and the Institute of Materials (UK). At the beginning of 2000, the department was merged into the Department of Mechanical Engineering, and the Centre for Materials Engineering (CME) was established under the leadership of Professor Rob Knutsen with full

accreditation from the University Research Committee. Prof Rob Knutsen stepped down at the end of 2021 after leading CME for twenty-two years.

Associate Professor Thorsten Becker, who joined the Department of Mechanical Engineering in October 2021, was appointed as director of CME in January 2022. Thorsten started his undergraduate degree at UCT in 2002 and graduated with his PhD in mechanical engineering in 2011. His research interest is structural integrity, focusing on fatigue, fracture, and creep.

As part of the celebrations, a seminar series was organised with prominent



speakers who have close ties to the centre and have made significant contributions to the materials science and engineering field.

The full history of the Centre can be found on the [CME website](#).

Generating solar power on campus

UCT's Energy Systems Research Group (ESRG) has been able to complement its theoretical work with some engineering practise. Through its participation in the newly established Transnational Centre for Just Energy, Climate and Sustainability Transitions (TRAJECTS), funding became available to 'touch green energy'. TRAJECTS is funded by the German Academic Exchange Service (DAAD) and supports postgraduate and transdisciplinary exchanges and activities between Colombian, South African and German partners.

The project has facilitated the installation of UCT's first two permanent grid-tied solar PV systems on Upper Campus, marking an important milestone in the journey towards sustainability. The first system (13kWp) is invisible from ground level, hidden on the Chemical Engineering building rooftop. Together with a new weather station, this will allow for the solar yield potential of UCT's specific location to be better characterised. The second system (6kWp) consists of a two-bay PV carport situated at the north-end P6 parking lot. This highly visible structure will help raise awareness among the UCT community and also serve as one of UCT's



Back: Left to right : Mymoena Shaik, Manfred Braune, Josie McCann, Harro Von Blottnitz, Avi Dhevath, and Gerchen Herold. Middle: Juan Pablo Cardenas, Lucy Gibbons, Iyaloo Akaaake and Eghsaan Matthew Front: Richard Larmour and Curwin Nomdoe

first living labs within the broader VC's [Khusela Ikamva](#) sustainability initiative.

Brewing team wins Intervarsity Brewing Cup

The **UCT Brewing Team** from the Department of Chemical Engineering brought the Intervarsity Brewing Cup back to UCT. The team won both the Lager category (Czech Dark Lager) and the IPA category (American IPA), with their Lager winning the Best Beer in Show award. The team has now won the Best Beer in Show award the highest number of times (five in total) since the inception of this competition.

The Intervarsity Brewing competition took place in October 2022. Fifteen student brew teams, from across South Africa, were challenged to create brews in predetermined categories that are sensorially evaluated according to the Beer Judge Certification Programme guidelines. Categories usually include the well-known lager, IPA, sour beers, and this year featured two additional expression categories for which teams are mostly left to invent and experiment on their own. There is also an award for the label design.



Left to right: Nicole Uys, Elsa Visser, James Heydenrych, Aubrey Mainza (HoD of Chemical Engineering), William Middleton, Jac Sussens, Wilco Sievers, Stephen Cotterrell. (Absent from the picture: Ricardo Magdalena Zarzuela, Juarez Amaral Filho, Julia Uys).

Scholarship Supports Scores of Talented Young Engineers

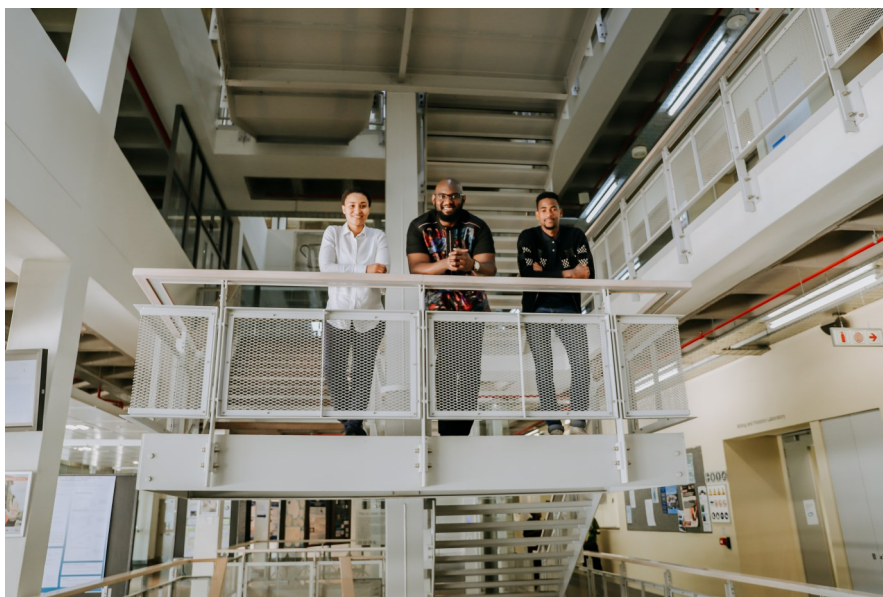
For more than a decade, the Julian Baring Scholarship Fund (JBSF) has been instrumental in retaining young African talent within the University of Cape Town's (UCT) Faculty of Engineering and the Built Environment (EBE). Since 2010, it has offered generous financial support to 24 postgraduate students, with donations totalling over £300,000 (R6m).

Established in 2000 by UCT alumnus Justin Baring (class of 1994), the fund honours the legacy of his late father, Julian, who was a renowned gold fund manager with a passion for Africa and the mining industry. During his career, he created the James Capel Gold and General Fund, as well as the Mercury World Mining Trust.



Justin Baring

"Because he lived in Harare for some time, and we both had a love of Africa, we thought that when he died, we'd set up a foundation in his name to support young previously disadvantaged individuals who want to pursue a career in the mining industry," explains Baring, who is the JBSF's co-founder and CEO.



Lerato Motsepe, Archippe Manzila and Senzo Mgabhi

The fund supports university students as well as individuals already working in the mining industry through joint venture agreements with their companies.

"UCT is our flagship partner institution in that we support more students from UCT than any of the other universities we work with," says Baring. "One of the reasons for this is that the engineering department has exceptionally good candidates and they're very good at coordinating with us."

Following in his father's footsteps, Baring has spent his career immersed in the global natural resources arena and is the founder of an investment partnership (The Red Fort Partnership) which specialises investing in global mining companies.

Despite a busy work schedule, he is personally involved with much of the JBSF's fundraising, which often takes

the form of adventurous activities such as long canoe trips and hiking expeditions.

The JBSF's relationship with UCT's EBE Faculty dates back to 2010. Over the past 12 years, it has provided generous financial support to 24 postgraduate students with donations totalling over £300,000 (R6m).

Among these scholarship recipients, three are currently employed by EBE.

Senzo Mgabhi, a scientific officer in the Department of Chemical Engineering's Crystallization and Precipitation Research Unit (CPU), received comprehensive financial support from the JBSF between 2016 and 2018, while completing his master's (MSc) degree.

"They covered all my expenses during that period," he says. "I could buy everything I needed, and it even covered my rent. I really felt very well supported." [Read More](#)

News in brief

A/Professor Kathy Michell from the Department of Construction Economics & Management was appointed to the International Council for Research and Innovation in Building and Construction Board of Directors. The board is a powerhouse of individuals and consists of 20+ members that hold senior leadership positions within their countries' research and academic communities. Kathy was recently elected to the RICS World Governing Council. These positions are significant for putting UCT and South Africa on the map.



The Department of Construction Economics and Management hosted a successful accreditation visit by the South African Council for the Property Valuer Profession. The BSc/ BSc (Hons) Property Studies and the MSc Property studies have received full accreditation for the next five years. This allows students to not only work in all areas of the property industry, but also enables them to become a professional property valuer.



UCT school of architecture, planning & geomatics

The Planning programme in the School of Architecture, Planning & Geomatics hosted a successful accreditation visit by the South African Council for Planners (SACPLAN), the national accreditation body for the planning profession. The planning degree programme received full accreditation for the next five years. SACPLAN noted that the programme "complies with, and in certain instances, exceeds" SACPLAN's standards



Naoya Muramatsu is one of two UCT PhD candidates selected for the Microsoft Research PhD Fellowship, a global programme that identifies and empowers the next generation of exceptional computing research talent. Naoya is in the African

Robotics Unit in the Department of Electrical Engineering. He is studying the neuro mechanics of the cheetah under the supervision of A/Professor Amir Patel.

A/Professor Francois Viruly from the Department of Construction Economics and Management edited a book titled *Understanding African Real Estate Markets*. The book brings together a broad range of research that interrogates how real estate market analysis, finance, planning, and investment for residential and commercial developments across the African continent are undertaken. [Read More](#)



Dr Rethabile Melamu graduated with her PhD in Chemical Engineering in 2014. She was appointed as the new CEO of South Africa's solar industry representative body, the South African Photovoltaic Industry Association. She takes on her role at a critical time in South Africa's energy transition with the country set to procure close to 6GW of new solar energy capacity in this decade alone. Dr Melamu was most recently general manager of Green Economy at the Innovation Hub where she managed a portfolio of 40 green economy start-ups.



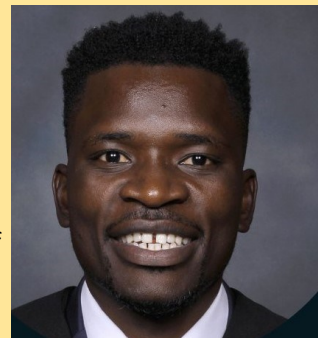
News in brief

Professor Jack Fletcher, the Director of the Catalysis Institute in the Department of Chemical Engineering, received a prestigious Lifetime Achievement Award from the Catalysis Society of South Africa (CATSA) at their annual conference in the Drakensberg in November 2022. Professor Fletcher was recognised for his dedication to applied catalysis science and his leadership contributions to the growth and invigoration of the South African research community.



Professor Jack Fletcher receiving the award from A/Prof Nico Fischer

Matimba Mabonda, a chemical engineering master's student, won the new business ideas category and received the 2022 national Student Entrepreneur of the Year Award at the Entrepreneurship Intersarsity



competition. The awards were for the company he has founded, LolaGreen, which provides an innovative solution to building, which includes collecting waste found at landfills and other parts of the environment and converting it into durable building materials. [Read more](#)



A/Professor Denis Kalumba received the Kelley Nicole Legge Trophy at the general meeting of the Geosynthetics Interest Group of South Africa (GIGSA).

The award is in honour of his outstanding contribution to research in geosynthetics in South Africa and for providing an interface testing service that has benefitted the South African geosynthetics industry.



Tapiwa Chimbanga, a PhD candidate, and Shilpa Rumjeet, a research coordinator in the Department of Chemical Engineering, have been included in the 2022 edition of Women in Mining UK's [100 Global Inspirational](#)

[Women in Mining](#). The biennial publication highlights the wealth of female talent within the global mining industry across the world. It celebrates women's "above and beyond" contributions to the industry and identifies role models for future generations.

Tauhir Rakiep won the Best Student/ Research Project category of the inaugural #cocreate Blue-Green Cities Design Awards for his proposal to convert a Delft stormwater basin into a bioretention pond and a valuable natural public amenity, a blue-green oasis in a densely built setting. [Read More](#)



Civil Engineering PhD candidate Emma Horn won second place in the [Falling Walls Lab](#) world finals in Berlin with her 'green' bio-tile innovation. [Read More](#)



Obituary



Walter Böhlinger from the Department of Chemical Engineering died at the age of 72 in March 2022

Walter came to UCT in 1999 and joined the Centre of Catalysis. He very quickly found a place in his new department. At the time of his death, he had retired but was still working in the department until the pandemic forced everybody home.

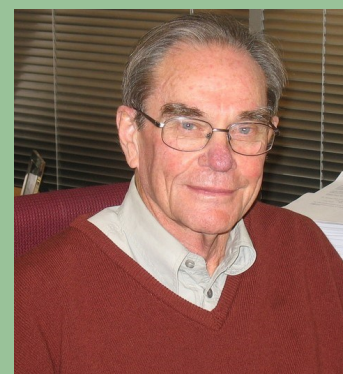
The Chemical Engineering staff remembered him fondly and said, "Walter was a big man with a huge heart and soul for people. His passion for helping people knew no bounds.

In June 2022, a leading figure in the field of Fischer-Tropsch catalysis, Professor Mark Dry, died. From 1994 to 2014, Mark was an honorary professor in the Department of Chemical Engineering. In December 2007, he became the first person in chemical engineering to be awarded an honorary doctorate by UCT.

Professor Dry obtained his first degree from Rhodes University and completed his PhD at Bristol University. He was hired by SASOL in 1956 to develop the catalysts they needed to use in the

plants they were designing to make oil from coal. The Fischer-Tropsch process, which Mark became an expert in, is all about squeezing oil out of coal (or gas). Under Mark Dry, SASOL was to develop the capacity, at SASOL to extract oil more efficiently from coal and [subsequently at Moss gas] from gas, than anywhere else on earth.

His paper on the Fischer-Tropsch Process:1950-2000 earned the accolade for the most frequently cited paper from *Catalysis Today* (which circulates to over 5000 institutes worldwide) from



2001-2006. Well into his seventies, Mark continued publishing papers, and teaching students at UCT.

Professor Martin Braae from the Department of Electrical Engineering died in August 2022 at the age of 72.

Prof Braae was appointed as an Associate Professor in control engineering in July 1985, and retired as Emeritus Professor at the end of 2014. He lectured to third and fourth year electrical and



mechanical engineering students, and taught a postgraduate course

that included chemical engineering students.

His calm demeanour and fairness were the hallmark of his tenure at UCT. As one Professor remarked, "I never managed to emulate his ability to end meetings on time". Surely the hallmark of an excellent control engineer.