



Blackboard ONECONNECT LET'S ADVANCE LEARNING



7th Flexible Futures 2021

HIGHER EDUCATION INNOVATION CONFERENCE

Reimagining Teaching and Learning in Higher Education



26 & 27 August 2021 | Virtual Conference, University of Pretoria




Flexible Futures Provisional Programme Thursday 26 August 2021

09:00 - 09:20	WELCOME ADDRESS UP Vice-Chancellor and Principal, Professor Tawana Kupe (Chair: Gerrit Stols)			
09:30 - 10:00	OPENING PLENARY Vice Principal: Academic, Professor Norman Duncan (Chair: Dolf Jordaan)			
10:00 - 10:50	PANEL DISCUSSION: Deputy Deans Teaching and Learning (Chair: Prof Alta van der Merwe)			
10:50 - 11:00	Comfort break			
	1. Reimagining teaching and learning in higher education Chair: Faith Mathibedi	1. Reimagining teaching and learning in higher education Chair: Sanet Haupt	2. Reimagining student success and support in higher education Chair: Elmien van Amerom	3. Reimagining assessments in higher education Chair: Marena Lotriet
11:00 - 11:20 (15+5)	Thriving during COVID-19: Embracing and reimagining technology-enhanced learning to ensure continuity and student success in teaching public international law Martha Bradley, Faith Mathibedi	Adapting to the new normal in the academic environment: Through the lens of undergraduate analytical chemistry Patricia Forbes	Procrastination and grades: can students be nudged towards better outcomes? Nicky Nicholls	Virtual microscopy as a tool for alternative assessment to increase student engagement and preparedness in veterinary histology during the pandemic of 2020 Martina Crole
11:20 - 11:40 (15+5)	How to flip? Experiences when implementing an online flipped classroom approach Aurona Gerber, Sunet Eybers	The use of learner-generated content to encourage student engagement, collaboration, and creativity Mia-Michaela Beetge	Evaluation of Telephone tutoring as an Emergency Remote Teaching (ERT) support tool for Homebased students during COVID-19 outbreak in South Africa Ntji Shabangu, Kgadi Mathabathe	Advanced digital publishing: An example of project-based learning supporting institutional sustainable development policies Laetitia Cassells
11:40 - 12:00 (15+5)	BLOOM'S taxonomy as a metacognitive authentic learning framework to promote preservice teachers' pedagogical content knowledge Joyce West	Exposing students to a simulation of the South African Revenue Services e-filing platform Tanya Hill, Lungelo Motsamai	Encoding Video Lectures for Low-Bandwidth Connections Warren du Plessis	Sleep and academic performance among dental and medical students in a Covid-19 environment. Johan de Klerk, Zina Matejovsky
12:00 - 12:20 (15+5)	Promoting co-creation of teaching and learning in landscape architecture education through online teaching practice Dayle Shand	Student experiences of Online teaching and learning in a rural-based University in South Africa Felix Fru, Fabian Fon	Student success and support in an ever-changing Higher Education landscape Vangile Bingma	Implementing a unified approach to online assessment: a departmental case study March 2020 - December 2020 Benita Zulch, Riaan Jansen, Alastair Smart
12:20 - 12:40 (15+5)	Reinventing a medical elective rotation in a pandemic Astrid Turner	Providing feedback during the "COVID-19 teaching practicum" with Perusall Carisma Nel, Elma Marais	EBIT FSAs paving the way to Online Advising Rumaine Naidoo	Comparing the validity of online assessments in veterinary anatomy using objective assessment during the 2020 COVID-19 pandemic vs conventional sit-down assessments Christine Steyn
12:40 - 13:15	LUNCH			
	1. Reimagining teaching and learning in higher education Chair: Marius Pienaar	1. Reimagining teaching and learning in higher education Chair: Hestie Byles	2. Reimagining student success and support in higher education Chair: Velly Nkosi	7. Reimagining strategies to boost student resilience and wellness in higher education Chair: Erika de Bruyn
13:15 - 13:35 (15+5)	Experience with Hyflex teaching at the Faculty of Veterinary Science, Onderstepoort campus Dietmar Holm, Velly Nkosi, Kate May	Open-educational textbooks: The good, the bad and the ugly Sumari O'Neil	The role of peer presentations in a research Community of Practice: Providing support and encouraging success Tracey Toefy, Vivienne Spooner	Dimensions of wellbeing of University students during a pandemic Irma Eloff, Motlalepule Mampane
13:35 - 13:55 (15+5)	The BVetNurs degree - teaching during the 2020 pandemic El-Marie Mostert	A longitudinal study of students' perceptions of immersive virtual reality teaching interventions Hanneke du Preez, Tanya Hill	High school to university: transition steps to follow Elzette Korkie	The role of agency in student wellbeing Samona Kabemba, Sumari O'Neil

13:55 - 14:15 (15+5)	Perceptions of Animal Science students (2020 to 2021) with regard to teaching and learning mode during COVID-19 Este van Marle-Köster	Artevelde global discussions – connecting occupational therapy students to the international community Helga Lister, Tasha Erasmus, Monique J van Rensburg, Zekhethelo Nzuza, Anise Gous	Waking up students before university starts Harry Wiggins, Ankie Robberts	Reimagining Work Integrated Learning placements as a tool for social cohesion Nkhensani Maluleke, Zandile Ngcetane
14:15 - 14:35 (15+5)	An integrated approach to community engagement at the Faculty of Veterinary Science, University of Pretoria Quixi Sonntag	Development of digital teaching and learning resource for integrative health nursing module Ramadimetja Mogale, Nomathemba Ngcobo	Face-to-Face to Fully Online First-Year Seminar (FYS): Toward a Flexible Blended FYS Hemali Joshi	A student-centered approach to online learning during a global pandemic: A Social Work perspective Elmien Claassens
14:35 - 14:55 (15+5)	Isolation of aspirin – a home chemistry practical activity for remote learning Lynne Pilcher	The Laptop Orchestra in South Africa: a presentation and discussion of an ongoing masters-level research project dedicated to studying networked computer music at the University of Pretoria and beyond Melandri Laubscher	Activating digital Discourses to constrain deficit constructs of students in a unit for academic literacy Oscar Eybers, Celeste von Fintel, Emma Paulet	Analysis and Evaluation of Learning Among the 1st Year Radiography Students Using Online Learning and Assessment Activities, Class Test and Module Tests in the 2nd Term of the 2021 Academic Year Khomotso Motiang
14:55 - 15:10	Comfort break			
	1. Reimagining teaching and learning in higher education Chair: Hannelie Untied	1. Reimagining teaching and learning in higher education Chair: Nomathemba Ngcobo	4. Reimagining teaching and learning to improve students' ready-for-work and employability Chair: Dennis Kriel	3. Reimagining assessments in higher education Chair: El-Marie Mostert
15:10 - 15:30 (15+5)	Readiness of the University Learning Management System (LMS) to support Lifelong Learning in the Sage Pastel module Komla Pillay, Pariksha Singh, Tania Prinsloo	The Joys of Collaboration in a Time of Isolation: Using Game-Play and Collaborative Learning Strategies to Teach a Threshold Concept in the Biological Sciences Samantha Naidoo	Visualizing and Tracking Graduate Attribute Performance: A Mining Case Study Jannie Maritz	Reimagining Assessment at UP: Heads in the cloud, feet on the ground El-Marie Mostert
15:30 - 15:50 (15+5)	The hands-on anthropometry APP: Development, implementation and evaluation Friede Wenhold	Multi-stakeholder partnerships as a tool for providing quality education Olebogeng Selebi	Gamification to increase undergraduate students' teamwork skills Tafadzwa Nyahuye, Adriana Steyn	The digital divide and COVID-19 pandemic: Exploring the quality of assessments in Higher Education Lauretta Morudu
15:50 - 16:20 10-minute presentations	Reimagining undergraduate research education - Lessons learnt during covid-1 Joyce Mothabeng	Remote Teaching and learning, exploring beyond the transition from chalk-and-talk to talking head Eudes Tshitshonu	Get me ready for work! How online teaching and learning during the COVID-19 pandemic helped hone the right competencies Bertha Jacobs, Hanri Taljaard-Swart	NUMBAS to the Rescue when Developing Online Assessments with Numbers Gretel Crafford
	Pros and cons of Twitter as a complementary tool in the postgraduate supervision process Johan Ferreira	Reimagining experiential learning in landscape architectural education Karen Botes	Bringing Life to Engineering Education: Starting the conversation about Integrated Curriculum Lelanie Smith	Sharpening my red pen: Reflection on intensive online objective assessment Moraka Makhura, Mpho Thukane
	A pilot project sharing the narratives of community members participating in COSUP (the community-oriented substance use programme) and the homeless forum initiatives in the city of Tshwane through digital storytelling Anneke Nel, Tshepo Mokoka, Marike Smit	Repositioning students for the unknown future through an appropriate and aligned pedagogy. Severino Machingambi	The Professional Attribute Workshop (PAWS): a 2-day programme designed to teach non-technical competence at the Faculty of Veterinary Science Kate May	Assessment of first-year Female Students' Experiences in Historically male-dominated Subjects in Higher Education from a Cultural Capital Perspective Newman Wadesango
16:20 - 17:00	PLENARY: Re-imagining the Ethical Use of AI Technology to Support Teaching and Learning, Professor Emma Ruttkamp-Bloem (Department of Philosophy, University of Pretoria) (Chair: Gerrit Stols)			
17:00 - 17:40	PLENARY: Implementation of AI, Joe Pringle , AWS AI and Machine Learning Specialist Practical applications of AI and Machine Learning			

Friday 27 August 2021

08:00 - 08:55	PLENARY: Reimagining teaching and learning in higher education, Professor Mariët Westermann (Vice-Chancellor, New York University Abu Dhabi & Professor of Arts and Humanities) (Chair: Dr Kgadi Mathabathe)			
09:00 - 09:45	Panel Discussions: FSAs Panel discussion with UP Peer advisors: Unpacking the Peer Advising practice (Chair: Dr Hestie Byles)		Panel discussion: Lecturers Using student feedback to enhance the quality of Teaching and Learning (Chair: Dr Kgadi Mathabathe or Hlengiwe Sehlapelo)	
09:45 - 10:00	Comfort break			
	1. Reimagining teaching and learning in higher education Chair: Jacky Rammupudu	6. Reimagining curriculum design and development in higher education Chair: Gaby Pretorius	2. Reimagining student success and support in higher education Chair: Ina Louw	4. Reimagining teaching and learning to improve students' ready-for-work and employability Chair: Donald Tive
10:00 - 10:20 (15+5)	Listen up! Podcasts as feedback mechanisms for online chemistry practicals Christine Mundy	Students' Perceptions on Improving Digital Accessibility of the Learning Management System using Blackboard Ally Alecia Samuels, Kerstin Tönsing	Reimagining Student Success through Academic Staff Development Marietjie Potgieter, Ina Louw	Taking robots from the laboratory to the dining room Tania Hanekom
10:20 - 10:40 (15+5)	Edutainment in the MBChB curriculum Melantha Coetzee	The Elusivity of Constructive Alignment Eugenie Wolff, Mari van Wyk	Performance indicators and the determinants of student success: A case study on Module PRT 112 – Introduction to Missiology Buhle Mpofu	Towards a free tertiary education model for South Africa Daniel Wilke
10:40 - 11:00 (15+5)	A Framework for creating educational virtual escape rooms to teach computational thinking Theane Janse van Rensburg	From Knowledge to Competency-based - A Computing Curriculum Approach Linda Marshall	The motivations and expectations of first-year students entering engineering Celeste Combrinck	Assessing the Larger Innovation Ecosystem in a University to Aid Academics Towards the New "Normal" Sean Kruger
11:00 - 11:20 (15+5)	Puzzle based learning in undergraduate studies Kathryn Malherbe	Exploring curriculum changes within a first-year plant science module Megan Roberts	A tool to log advising interventions Juan-Claude Lemmens, Hestie Byles	An emergent narrative of digital fluency: the integration of academe, employability and school-goers in Limpopo Province Chris Burman
11:20 - 11:35	Comfort break			
	1. Reimagining teaching and learning in higher education Chair: Gretchen Jacobs	5. Reimagining the use of data and Artificial intelligence (AI) to support teaching, learning, and student success Chair: Juan-Claude Lemmens	6. Reimagining curriculum design and development in higher education Chair: Irene Lubbe	4. Reimagining teaching and learning to improve students' ready-for-work and employability Chair: Mpho Thukane
11:35 - 11:55 (15+5)	Online block management for final year Occupational Therapy students during the COVID 19 pandemic Renske Senekal, Helga Lister	Course Analytics to improve teaching, learning and student success Juan-Claude Lemmens	"Move aside old curriculum – we are coming in LEAN! (Description: A medical school's curriculum redesigning and mapping journey)" Irene Lubbe, Sumaiya Adam	A podcast for improving the work readiness of BIS Multimedia graduates Annique Smith, Isak de Villiers Bosman
11:55 - 12:15 (15+5)	Professional leadership development training for the TVET sector: Lessons learnt from a blended-learning approach Tanya Smit, Suzanne Bester	Shifting the focus from learner analytics to teacher analytics: A COVID perspective of lecturer LMS presence during 2020 and 2021. Dolf Jordaan	A narrative study of the hidden curriculum experience in online teaching at a private higher education institution Nina Rossouw	Using memes as a novel way to teach science communication Adrian Shrader
12:15 - 12:35 (15+5)	Inviting all the elephants into the room: reflecting on collaborative professional learning communities in an online learning environment Carolina Botha, Carisma Nel	A Framework for Designing a Predictive Student Pipeline from Retrospective Data Herkulaas Combrink	Reimagining Early Childhood Educational Resources: An electronic handbook for parents and practitioners of young children Keshni Bipath	What is citizen development? Exploring its learning applications in a postgraduate module Taryn Bond-Barnard
12:35 - 12:55 (15+5)	Robotics and technological innovation in educating the communities about COVID-19 Heather Legodi	How can Artificial Intelligence (AI) tools support Utility Value Intervention (UVI) and Reflective writing to enhance learning? Baphumelele Masikisiki	Establishing a custom designed POD for international students in professional degrees: Implications for practice Juan Bornman, Dana Gaigulo	Shaping the future of tomorrow, today; by breaking the silos of education Aqil Jeenah
12:55 - 13:30	LUNCH			

	1. Reimagining teaching and learning in higher education Chair: Alastair Smart	1. Reimagining teaching and learning in higher education Chair: Almero du Pisani	2. Reimagining student success and support in higher education Chair: Philip Mthembu	7. Reimagining strategies to boost student resilience and wellness in higher education Chair: Adriana Botha
13:30 - 13:50 (15+5)	Self-regulated learning strategies for first-year chemistry during COVID-1 Langanani Rakhunwana	Emergency remote learning - The experiences of Higher Education Physical Education students Cherese Farrah Jones, Leepile Cyril Motlhaolwa, Louis J van Zyl	Using the "Amazing Race" concept to orientate 5th-year veterinary students to the Onderstepoort Veterinary Academic Hospital Kate May	"Pandemic Classroom: grouping or groping the digital divide" Karen Harris, Tinashe Nyamunda
13:50 - 14:10 (15+5)	Experiences of South African Health Science Educators in making the transition from contact classes to online learning during Covid 19 lockdown Erica Pretorius	A practitioner's personal reflection on remote teaching and learning Nadia Swanepoel	Examining the Impact on First-year AIM Students when Exposed to Different Learning Styles using the VARK Model and Universal Design for Learning Theory Tania Prinsloo, Pariksha Singh, Jayshree Harangee	Connecting students during online practical techniques training Lynne Pilcher
14:10 - 14:30 (15+5)	An exploratory study to understand tutorexperiences of online learning during COVID-19: A Geography, Geoinformatics and Meteorology Perspective Brian Nkala, Violet Mwendera-Chinamale	Doctoral Supervisor Capacity Development in Academic Statistics, South Africa Inger Fabris-Rotelli	Enhancing Student Support and Success by Using the Mamelodi Referral System (M-RS) Ida Jeannette Meyer, Philokuhle Collin (Bonza) Majozi	Staying connected during a pandemic - Informatics students have spoken Adriana Steyn, Adriana Botha, Chantal Olckers
14:30 - 14:50 10 minute presentations	Introducing Interactive Video and Content for click-UP: in the COVID years - ID's experience Miquel Thukane, Alastair Smart	Towards cultivating an alternative online (drawing) learning environment for a new digital humanism Denél Chetty	Disruptive Pedagogies: A qualitative study exploring lecturer's experiences of online lecturing practices at a private Higher Educational Institution Marizanne Grundlingh	Spaces of wellbeing for university students Teagan Routledge, Sumari O'Neil
	The need to identify and unify the new stakeholders to facilitate successful decentralized digital teaching and learning in basic and high education. Tlou Mokobodi	Post graduate students' experiences with research supervisors Newman Wadesango	Place, biometrics and power: The university campus as a gated community Trudie Coetzee	Rethinking fieldwork for third-year social work students Gerna Wessels, Felistus Ndamba, Lehlogonolo Poopedi
14:50 - 15:10	Comfort break			
15:10 - 15:40	PLENARY: A Personalized Approach to Engaging with Course Content: Automating UDL Principles with Blackboard Ally's Alternative Formats, Krista Greear , Accessibility Strategist, Global Client Experience		  LET'S ADVANCE LEARNING	
15:40 - 16:10	PLENARY: Reimagining teaching and learning to improve students' ready for-work and employability competencies. Alesta Nortje , Central University of Technology			
16:30	Closing: Gerrit Stols			

Note: Programme lists presenting authors only, all authors will be included in the Book of Abstracts