



Eduvos
Your Education. Your Future.

Research Report

2022/

2023

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NON TECH D D O R T N

This document outlines the Research Activities for Eduvos for 2022 and 2023. The report encapsulates the institution's unwavering commitment to advancing knowledge, promoting inclusive prosperity, and shaping a brighter future for Africa and beyond. As we embark on this scholarly odyssey, guided by our shared vision and values, we remain steadfast in our pursuit of excellence and impact in service to society.

Central to Eduvos' research agenda are five strategic focus areas: enhancing organizational performance, sustainable business, entrepreneurship, and management practices; advancing biotechnology and biomedicine for sustainable agriculture, health, water, and the environment; empowering diversity, wellness, and innovative education; advancing social justice and legal equality for a prosperous Africa; and leveraging data science, AI, and emerging technologies for social and economic transformation. These thematic pillars encapsulate the institution's approach to addressing multifaceted challenges and seizing opportunities for sustainable development across various sectors.

Within each focus area, Eduvos endeavors to conduct research that not only generates knowledge but also drives tangible impact, contributing to societal transformation, economic prosperity, and regional integration. By harnessing the collective expertise of its faculties, Eduvos aims to foster a culture of innovation, critical inquiry, and collaboration, empowering students and faculty alike to become catalysts for positive change.

Moreover, the research agenda serves as a guiding framework for prioritizing research endeavors, shaping curricular offerings, and fostering partnerships with stakeholders, thereby reinforcing Eduvos' position as a hub of academic excellence and societal engagement. Through its research activities, Eduvos seeks to equip the next generation of leaders, innovators, and change agents with the requisite knowledge, skills, and ethical values to navigate complex challenges and contribute meaningfully to Africa's sustainable development journey.



FACULTY OF LAW

01

Journal articles

Mokofe, W. M. (2023). Employment Implications for Naturalized South African Citizens. *International Journal of Law in Changing World*, 2(2), 16-32. DOI: <https://doi.org/10.54934/ijlcw.v2i2.64> Research article JNL: <https://ijlcw.emnuvens.com.br/revistaDOI>: <https://doi.org/10.54934/ijlcw.v2i2.64>

Mokofe, W. M. (2023). CERTAINTY ESTABLISHED: MAJORITARIANISM TRUMPS MINORITY, PASSES CONSTITUTIONAL MUSTER, AND ACCORDS WITH INTERNATIONAL STANDARDS Association of Mineworkers and Construction v Royal Bafokeng Platinum Limited [2020] ZAAC 1. *Obiter*, 43(4). <https://doi.org/10.17159/obiter.v43i4.15416>

Mokofe, W. M. (2023). Digital Transformations of the South African Legal Landscape. *Journal of Digital Technologies and Law*. 2023;1(4):1087-1104. <https://doi.org/10.21202/jdtl.2023.47>.

Mokofe, W. M.(2022). Why Should the state Intervene in the Labour Market: The Case of South Africa. *International Journal of Law in Changing World*, 1 (2), 3-22. DOI: <https://doi.org/10.54934/ijlcw.v2i2.23>

CHIVIZHE T (2022) A Comparative Analysis of the Approach to the Conformity of a Supporting Statement Calling for Payment Under Demand Guarantees"PELJ2022(25)- DOI <http://dx.doi.org/10.17159/17273781/2022/v25i0a14060>

02

Online Publications, Newspaper Articles and Magazines

SIWELA J "South Africa's Bid to Regulate Crypto Assests – 2022 Alert" Without Prejudice Law Magazine

03

Conference proceedings

1. Kim-Leigh Loedolf. (2023) A common critical skills work visa for the movement of skills between state parties of the African Union Continental Free Trade Area (AFCFTA). African Society for Business, Law and Economics. 1st Annual Conference organised by the University of the Free State. Bloemfontein, South Africa. 7-8 September 2023.

2. Chivizhe T (2023) "Identity of the beneficiary or presenter calling for payment under demand guarantees: A purposive approach", SLTSA Conference, Sun City Resort, 15-19 January 2024.

3. Jijita S (2023) "The future of subjective impossibility of performance in light of the COVID-19 pandemic", SLTSA Conference, Sun City Resort, 15-19 January 2024. Y

4. Nyamanagirazi Nadine (2023) "South Africa and the African Continental Free Trade Area (AfCFTA) Agreement: a doorway to improving social justice?", SLTSA Conference, Sun City Resort, 15-19 January 2024.

04

Masters and Doctoral Thesis's Completed

IMAVETERA T. (2023) An investigation of incompatibility as a valid ground for dismissal in South African labour law: A critical appraisal of global best practices. LLD Thesis North West University Potchefstroom

05

Research Supervision

Goksen Effendi 2023- Seth Wagner, Aaishah Botha, Iman Moos, Jamie-Lee Gordon, Ameer Gamza. The impact on the Children's Act 38 of 2055 on unmarried fathers from a practical perspective. Research project: Supervisor: Effendi, G.

Irene Pholo, Umer Abrahams, Lennita Nkomera, Tshwanelo Nkwe, Sizwe Mashaba. (Since 2023). Research project: The enforcement of socio- economic rights in South Africa. Supervisor: Effendi, G.

Sandiswa Banzi, Odwa Jonas, Boitumelo Maunatlala, Jade Daniels. (Since 2023). Research project: Mistake as a defence negating unlawfulness in terms of rape and the prospective of prosecutors. Supervisor: Effendi, G.



FACULTY OF COMMERCE

01

Journal articles

Erasmus, A.M.M. 2022. "Profiling visitors to Urban Green Spaces in the City of Tshwane, South Africa."

02

Books & Book Chapters

Steyn, J. 2023. Basic Psychology for Human Resource Managers. Cape Town: Juta.
Kamffer, L. 2023. Marketing Management: A South African Perspective 4ed, Juta Publications
Kamffer, L. 2023. Strategic Marketing. Fourth Edition Juta 4th ed
Kamffer, L. 2023. Digital Advertising. 1st edition Juta Publications
Kamffer, L. 2023. Marketing: An Introduction. 4e. Juta Publications

03

Conference proceedings

Nasreen Tisaker*, Prof. Magdalena Petronella (Nellie) Swart. 31 August 2023. Unlocking the potential: A journey towards the empowerment of women in the South African Tourism sector. University of South Africa, Pretoria, South Africa.

04

Research Supervision

1. Adinda Booysen (CORMA3; CORMB3):
1.Booyesen, A. 2023. The effects of a 4-day work week on employee productivity within South africa organisations. Eduvos Research Project
- 2.Booyesen, A. 2023 The prevalence of anxiety and depression amongst first-year students at Eduvos and how it is reflected in different cultures. Eduvos Research Project
- 3.Booyesen, A. 2023 The impact that feminine health challenges have on female scholars in South Africa. Eduvos Research Project
- 4.Booyesen, A. 2023 Reasons why Cape Town students at tertiary level make use of artificial intelligence (AI) within their academia. Eduvos Research Project
- 5.Booyesen, A. 2023: Generation X consumer preference in Cape Town. Eduvos Research Project



FACULTY OF APPLIED SCIENCE

01

Journal articles

Jardine, J.L. 2022. Potential bioremediation of heavy metal ions, polycyclic aromatic hydrocarbons and biofilms with South African hot spring bacteria. *Bioremediation Journal* DOI: 10.1080/10889868.2021.1964429

Wingfield, B.D., De Vos, L., Tshisekedi, K.A., Wilson, A.M. et al. *IMA Genome - F16. IMA Fungus* 13, 3 (2022). <https://doi.org/10.1186/s43008-022-00089-z>

02

Conference proceedings

Van Ballegooyen, C.S., Mlambo-Bekoun, Adja S., Flepisi, B., Cordier, W. "Synergistic cytotoxicity of *Solanum aculeastrum* with 4-hydroxytamoxifen in tamoxifen-resistant mcf-7 breast adenocarcinoma cells". South African Society for Basic and Clinical Pharmacology (SASBCP), Rhodes University, South Africa.

Tshisekedi, K.A., De Maayer, P., and Botes, A. (2023). Exploring Nitrogen-Induced Changes in Barley Microbial Communities through Genome-resolved metagenomics. Federation of European microbiological societies (FEMS) Hamburg, July 2023.

Tshisekedi, K.A., De Maayer, P., and Botes, A. (2023). Exploring Nitrogen-Induced Changes in Barley Microbial Communities through Genome-resolved metagenomics. Ubuntu Proteomics Summer School 2023. Stellenbosch, February 2023. Award: Best poster

Nkala, B.A. The investigation of cytotoxicity effects of *Clerodendrum myricoides* and *Erythrina lysistemon* on CA3 human cell-line using MTT assay. Presented at the University of Witwatersrand at the 1st African Social Sciences Unit of Research and Evaluation (ASSURE) conference, 24th November 2022.

Nkala, B.A. The investigation of cytotoxicity effects of *Clerodendrum myricoides* and *Erythrina lysistemon* on CA3 human cell-line using MTT assay. Presented at the University of Fort Hare Research week of excellence, 14th – 17th November 2022. Presented at the 3rd International Conference on Traditional Medicine and Acupuncture, 23rd November 2022.

Basirat, A., Olaonipekun, and Elna, M. Buys. Formulation of cold-pressed complementary foods for food safety enhancement. Poster presentation at the SAAFoST 25th Biennial Conference 2023 in Cape town, South Africa.

03

Plenary talks

Tshisekedi, K.A., Habibu, A., De Maayer, P., Botes, A. (2023). Elucidating Nitrogen Cycling and Microbial Adaptation in Malting Barley Grain: A Meta-Omics Approach. South African Society for Microbiology (SASM) conference. Stellenbosch, September 2023. Award: Best Oral Presentation 2nd place

04

Research Supervision

Malebogo, Katane (Since 2022). Research project: Whole metagenome sequencing of the lichen species *Flavopunctelia flaventior* and *Parmotrema tinctorum* from Gauteng, South Africa. Degree: Master of Science, School of Molecular and Cell Biology, Wits University. Supervisors: Tshisekedi, K.A., De Maayer, P., and Botes, A.

Jorge Calisto (Since 2023). Research project: Lichens as Reservoirs of Antibiotic Resistance Genes. Degree: Master of Science, School of Molecular and Cell Biology, Wits University. Supervisors: Tshisekedi, K.A. and Botes, A.

Anel Malhangu (Completed 2022). Research Project: Evaluating the extremophilic nature of the members of *Naganishia* genus isolated from South Africa. Degree: BSc Honours in Microbiology and Biotechnology, School of Molecular and Cell Biology, Wits University. Supervisors: Tshisekedi, K.A. and Botes, A.



FACULTY OF HUMANITIES

01

Journal articles

McLean, N. 2023. Reimagining Pride: An Ethical Community Approach. In *Gender Questions*, Vol 11(1).

McLean, N. and Cicero, T. 2023. The Left Out Project: The Case for an Online Gender-based Violence Framework Inclusive of Transgender, Non-binary and Gender-diverse Experiences. <https://firn.genderit.org/research/left-out-project-report-case-online-gender-based-violence-framework-inclusive-transgender>

M Moalamedi, 'Resilience in uniform: A Review of Apartheid's black military contribution', *New Contree*; Vol 91 (2024); <https://doi.org/10.4102/nc.v91i0.268>

02

Conference proceedings

Organisers of Queer in AI, Ovalle, A., Subramonian, A., Singh, A., Voelcker, C., Sutherland, D.J., Locatelli, D., Breznik, E., Klubicka, F., Yuan, H., Shriram, J., Lehmn, K., Soldaini, L., Sap, M., Deisenroth, M.P., Pacheco, M.L., Ryskina, M., Mundt, M., Agarwal, M., McLean, N., Xu, P., Pranva, A., Korpan, R., Ray, R., Mathew, S., Arora, S., St John, Anand, T., Agrawal, V., Agnew, M., Long, Y., Wang, Z.J., Talat, Z., Ghosh, A., Dennler, N., Noseworth, M., Jha, S., Baylor, E., Joshi, A., Bilenko, N.Y., Mcnamara, A., Gontijo-Lopes, R., Markham, A., Dong, E., Kay, J., Saraswat, M., Vytla, N., and Stark, L. 2023. Queer in AI: A Case Study in Community-Led Participatory AI. In *Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency*. Best paper award.

McLean, N. 2023. The case for an inclusive online gender-based violence framework. African Masculinities Symposium. Rhodes University, South Africa.

McLean, N. 2023. An inclusive university is an ethical university. Promoting Diversity and Inclusion Seminar. Cape Peninsula University of Technology, South Africa. Keynote Speaker.

Derosha Moodley, 27-29 October – UKZN School of Education postgraduate conference presentation. Conference theme: A polyvocal space for a festival of ideas. Name of presentation: "Using roleplay and narrative empathy to explore social and emotional learning outcomes in an English literature lecture room".

Chiedza Kehle (PTA): Abstract submitted for Visual Redress in Africa Conference at Stellenbosch University <https://visualredress.sun.ac.za/conference>

Chiedza Kehle (PTA): Attending DEFSa 17th conference as professional member <https://www.defsa.org.za/2023-defsa-conference>

Jessica Kable -Honours Research presented at 9th Annual ICOSS conference (2022) - Publish Abstract - An investigation into the lived acculturation experiences of Chinese ESL speakers acquiring a second language. (Best presentation Award)

03

Masters and Doctoral Thesis's Completed

PhD Thesis in progress – Derosha Moodley

Melanie Mans (BFV Campus): Masters in Design Completed 2023. Title: Design educators' perceptions of social design and community engagement: a case study at the University of Johannesburg.

Master's Thesis in progress – Donovan Henegan

Master's Thesis pending submission and examination – Diego Rex (M.Soc Sc. Coun. Psych, University of the Free State)

Master's Thesis in progress (Rhodes University) - Jessica Kable - A retrospective study examining the psychosocial context of first-time substance use in South Africa.

Michael Dorfling (2 x external Honours students in 2023)

a. A semiotic analysis of Pan's Labyrinth (2006) and how reality and fantasy can be created through cinematography.

b. Exploring the connections between reception theory and subtext: A case study of Terminator 2: Judgement Day (1991) and its social commentary on police brutality in the United States.

Jessica Kable (ACRPA3)

a. Joshua Cowley (since 2023). Research Project: Shakespeare's Romeo & Juliet and West Side Story: Exploring Intertextuality, Adaptation, and Contemporary Relevance. Supervisor: Kable, J.

b. Thandeka Mashabane (since 2023). Research Project: Local knowledge around substance polyuse by tertiary students in Mbobela and Eduvos. Supervisor: Kable, J.

c. Bandzile Nkosi (since 2023). Research Project: The progression of multicultural counselling in South Africa: The combination of Western and African approaches to psychological interventions in South Africa. Supervisor: Kable, J.

Angela Bonheim (ACRPA3):

a. Abduraghmaan Brenner. (Since 2023). Research Project: The Psychological State of Horse Trainers. Understanding the Impact of Equine Training on the Well-being of Men. Supervisor: Bonheim, A.

b. Yasmeena Combrink. (Since 2023). Research Project: South African Media- Propaganda, Western Influences, Lack of Transparency. Supervisor: Bonheim, A.

c. Akiefah Dreyer. (Since 2023). Research Project: The relationship between social media use and cognitive development in young individuals. Identifying the positive and negative effects of social media on cognitive functioning. Supervisor: Bonheim, A.

d. Tayla Jacobs. (Since 2023). Research Project: Bilingualism in education within South Africa. Supervisor: Bonheim, A.

e. Cheyenne Jordaan. (Since 2023). Research Project: The Influence of social media on the Self-Concept of Young South African Adults. Supervisor: Bonheim, A.

f. Alijah Joseph. (Since 2023). Research Project: The Benefits and Importance of Exposure to Multilingualism in classrooms beginning at Primary Education Level in context of South Africa. Supervisor: Bonheim, A.

g. Aneeqa Kiel. (Since 2023). Research Project: Hybrid Learning Enhancing Student Satisfaction and Academic Success. Supervisor: Bonheim, A.

h. Elethu Mbolekwa. (Since 2023). Research Project: The impact of colonialism on gender roles, in contemporary Africa. Supervisor: Bonheim, A.

i. Imman Mia. (Since 2023). Research Project: The Effects of Online Learning on Students in Terms of the Behaviourism Theory. Supervisor: Bonheim, A.

j. Theodore Mutambiranwa. (Since 2023). Research Project: Shared experiences of African parents with special needs children in the Cape Town metropolitan South Africa. Supervisor: Bonheim, A.

k. Axaola Myendeki. (Since 2023). Research Project: Multilingualism as a resource in multilingual classroom within first year students "Eduvos". Supervisor: Bonheim, A.

l. Shaheeda Nagia. (Since 2023). Research Project: The impact of modernism on traditional literary forms and conventions: A comparative study of female characters and authors of the 18th and 19th century, utilizing Jane Austen's pride and prejudice, among other bodies of relevant work, and contemporary 21st century literature. Supervisor: Bonheim, A.

m. Mhlahli Pietersen. (Since 2023). Research Project: A study into the importance of multilingualism in South Africa's education system and how politics can and has influenced it. Supervisor: Bonheim, A.

n. Sophia Puchert. (Since 2023). Research Project: Exploring the Influence of Culture on the Development of Eating Disorders in South African Tertiary Institutions: A Sociocultural Perspective. Supervisor: Bonheim, A.

o. Kaylyn van der Merwe. (Since 2023). Research Project: Analysing Gender Theory and Feminism as it Relates to "A Song of Ice and Fire" by George R. R. Martin. Supervisor: Bonheim, A.

p. Amy Volkwijn. (Since 2023). Research Project: ADHD: The impact that socio- economic factors have on ADHD in Disadvantaged communities. Supervisor: Bonheim, A.

q. Jayden Weaver. (Since 2023). Research Project: Anxiety and Depression in University Students. Supervisor: Bonheim, A.

r. Bronwyn Williams. (Since 2023). Research Project: Exploring the Effects of Social Bullying on Adolescent Mental Health and Social Development. Supervisor: Bonheim, A.

Lara Smit (ACRPA3)

a. Faye Knight (Since 2023). Research project: How the policy of radical feminism constrains, rather than liberates, the female protagonists of 'Little Women' by Louisa M. Alcott. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

b. Alexandra Paige Dinner (Since 2023). Research Project: How gender normative behaviour results in the objectification of male characters in the novels 'Pride and Prejudice' by Jane Austen and 'Washington Square' by Henry James. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

c. Bianca Engelbrecht (Since 2023). Research Project: The influence of multilingualism and a multicultural society on the identity development of adolescents in a South African context. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

d. Kimera Govender (Since 2023). Research Project: The effectiveness of the hybrid learning model with regards to student satisfaction. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

e. Preola Goviden (Since 2023). Beyond the binary: Deconstructing Gender Norms in Joseph Sheridan Le Fanu's 'Carmilla' and 'Teleny or the Reverse of the Medal'. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

f. Elize-Marie Hearn (Since 2023). The Prevalence of English Code-Switching in Afrikaans Radio Broadcasting and Its Effect on Identity Formation. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

g. Gabriella Isaac (Since 2023). Social Stereotypes and Familial Expectations: A Comparative Study of 'Pride and Prejudice' by Jane Austen and 'Unbecoming to Become' by Ayanda Mangubane Borotho. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

h. Cassidy Christine Minnaar (Since 2023). How the identities of South African students in tertiary institutions are influenced by the English language. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

i. Simphiwe Mkhwanazi (Since 2023). Silent Feminine Suffering: How Patriarchal Values Employed by Authoritarian Fathers Leads to the Self-Silencing, Loss of Identity and Mental Illness of Young Women in 'Washington Square' by Henry James and 'The Color Purple' by Alice Walker. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

j. Dineo Ngoepe (Since 2023). Investigating the Impacts of the Language Barriers that Nurses Experience with Patients in South African Public Hospitals. Degree: Bachelor of Arts, Eduvos. Supervisor: Smit, L.L.

k. Zanelle Peens (Since 2023). Blurred Boundaries: A Study on Rape Myths, Victim-Blaming and Consent. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L. and Johnston-Kowen, D.

l. Priyanka Singh (Since 2023). How Language Usage Influences the Power Dynamics of Prisoners in Pollsmoor Prison. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L.

m. Taylor Smith (Since 2023). The Condition of the Human Soul: Deconstructing Humanism in Christopher Marlowe's 'Dr Faustus' and Petrus Dorlandus' 'Everyman'. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L.

n. Ashlee Stander (Since 2023). Alienation through classism: Understanding alienation as a repercussion of class structures using Marxist Theory in Veronica Roth's 'Divergent', Suzanne Collins' 'Hunger Games' and George Orwell's 1984. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L.

o. Yola Tshiebwé (Since 2023). The Products of Pretty Privilege: How the Protagonists of 'The Picture of Dorian Gray' and 'Extremely Wicked, Shockingly Evil and Vile' Face Less Consequences and Criticism for Their Crimes. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L.

p. Karla van Zyl (Since 2023). The Prominence of Female Poisoning in Literature. Degree: Bachelor of Arts, Eduvos. Supervisors: Smit, L.L.

Theresa Blom (ACRPA3)

a. Gugu Nyathi: "How can the use of isiNdebele Language as the medium of instruction improve academic performance in Primary Schools in Delmas?"

b. Jeanette Mokabani: "Womanism and Feminist Emancipation in Alice Walker's 'The Color Purple'"

Nolo Tau (ACRPA3) Linguistics

a. Sunelle Fourie (Since 2023): Double Empathy theory with regards to communication differences between Neurodivergent and Neurotypical people. Bachelor of Arts in Psychology: Eduvos.

b. Anda Dyani (Since 2023): Exploring The Nexus of Linguistic Commodification and Business Communication: A Sociolinguistic Study of Immigrant Owned SMMEs. Bachelor of Arts in Psychology: Eduvos.

c. Daniel de Witt (Since 2023): How speaking different languages can affect the functionality of your brain and cognitive processes. Bachelor of Arts in Psychology: Eduvos.

- d. Tumisho Mphela (Since 2023): The Curse of Language Translation. Bachelor of Arts in Psychology: Eduvos.
- e. Keotshepile Lehobye (Since 2023): How Language and Imagery Come Together in Graphic Novels. Bachelor of Arts in Psychology: Eduvos.
- f.Boitshoko Maubane (Since 2023): How does language contribute to the national identity of a multicultural society. Bachelor of Arts in Psychology: Eduvos.
- g. Thabiso Makhubele: The influence of native languages in pronunciation of English words. Bachelor of Arts in Psychology: Eduvos.
- h. Mpenyani Legodi (Since 2023): Language as a power dynamic in heterosexual relationships: a focus on the nation of Bapedi. Bachelor of Arts in Psychology: Eduvos.
- i.Neo Setsiba (Since 2023): Social media texting: The creation of a new linguistic subculture, or the slow eradication of formal written language? Bachelor of Arts in Psychology: Eduvos.
- j.Sarah Martens (Since 2023): The use of Short-hand and logographic symbols in bypassing dyslexic disability. Bachelor of Arts in Psychology: Eduvos.
- k. Gilliam van Wyk (Since 2023): Language in multicultural societies: an analysis on language use and its effects on minority groups. Bachelor of Arts in Psychology: Eduvos.
- l. Jireh Mokgonyane-Maxym (Since 2023): Direct translations: The challenges and effects of direct translations on native languages and English pairs. Bachelor of Arts in Psychology: Eduvos.
- m. Juane van der Merwe (Since 2023): Aphasia due to dementia: understanding the impact of aphasia on the quality of life of an elderly person experiencing dementia. Bachelor of Arts in Psychology: Eduvos.
- n. Alma Matamela (Since 2023): Exploring transgender voices: insights on Identity and how social perception affects transgender individuals and their voice on social media platforms. Bachelor of Arts in Psychology: Eduvos.
- Nyx McLean (ACRPA3) Literature
- a. Booth, Jenna. (In progress). A comparative analysis of queer literature. Eduvos.
- b. De Lima, Michaela. (In progress). Exploring Sylvia Plath's The Bell Jar in the context of Second Wave Feminism. Eduvos.
- c. Grobbelaar, Sarel. (In progress). A queer analysis of masculinity in Spud. Eduvos.
- d. Mbe, Lithakazi. (In progress). Representing women in Sense and Sensibility. Eduvos.
- e. Nelson, Suzanne. (In progress). Exploring Shakespeare's portrayal of female masculinity in The Merchant of Venice and Macbeth. Eduvos.
- f. Parker, Ishrat. (In progress). Exploring the Female Gothic in Frankenstein. Eduvos.
- g. Westman, Cassandra. (In progress). Feminism in Shakespeare literature. Eduvos.
- h. Williams, Jessica. (In progress). The Portrayal and Influence of Power and Morality on the main characters in 'The Picture of Dorian Gray' and 'Doctor Faustus'. Eduvos.



FACULTY OF INFORMATION TECHNOLOGY

01

Journal articles

Okonkwo, C W and Ade-Ibijola, A, 2023, Synthesis of Nested Loop Exercises for Practice in Introductory Programming. *Egyptian Informatics Journal* 24 (2), 191-203. <https://doi.org/10.1016/j.eij.2023.03.001>.

Okonkwo, C.W. and Ade-Ibijola, A., 2022. Revision-Bot: A Chatbot for Studying Past Questions in Introductory Programming. *IAENG International Journal of Computer Science*, 49(3).

Okonkwo, C.W., Amusa, L.B., Twinomurinzi, H. and Fosso Wamba, S. (2023), " Mobile wallets in cash-based economies during COVID-19", *Industrial Management & Data Systems*, Vol. 123 No. 2, pp. 653-671. <https://doi.org/10.1108/IMDS-01-2022-0029>.

Amusa, L.B., Twinomurinzi, H. and Okonkwo, C.W., 2022. Modeling COVID-19 incidence with Google Trends. *Frontiers in research metrics and analytics*, 7, pp.1003972-1003972. <https://doi.org/10.3389/frma.2022.1003972>.

Okonkwo, C.W., Amusa, L.B. and Twinomurinzi, H., 2022. COVID-Bot, an Intelligent System for COVID-19 Vaccination Screening: Design and Development. *JMIR Formative Research*, 6(10), p.e39157. <https://doi.org/10.2196/39157>.

02

Online Publications, Newspaper Articles and Magazines

Ade-Ibijola, A. and Okonkwo, C., 2023. Artificial Intelligence in Africa: Emerging Challenges. In *Responsible AI in Africa: Challenges and Opportunities* (pp. 101-117). Cham: Springer International Publishing. https://doi.org/10.1007/978-3-031-08215-3_5.

03

Conference proceedings

Okonkwo, C W, Anele A, Shikari, K and Asmal S., 2023. Determinants for measuring Lecturers Performances in Higher Education: Students Perspectives. Submitted to the Fourth International Conference on Teaching, Assessment, and Learning in the Digital Age (digiTAL2K). Accepted for presentation. (Conf. Date: December 6-8, 2023, Cape Town).

Pillay, N, Okonkwo, C W, Anele A, 2023. The Impact of Load Shedding on Student Academic Performance: A Data Analytics Approach. Submitted to the Fourth International Conference on Teaching, Assessment, and Learning in the Digital Age (digiTAL2K). Accepted for presentation. (Conf. Date: December 6-8, 2023, Cape Town).

Anele A, Okonkwo, C W, Shikari, K and Asmal S, 2023. Evaluation of the Performance and Experience of the Students Learning with AI Systems. Submitted to the Fourth International Conference on Teaching, Assessment, and Learning in the Digital Age (digiTAL2K). Manuscript No. digiTAL23_39. Under Review. (Conf. Date: December 6-8, 2023, Cape Town).

Oosthuizen, L, Okonkwo, C, and Anele, A, 2023. The Impact of Load Shedding on Student Academic Performance: A Data Analytics Approach. Submitted to the South African Conference for Artificial Intelligence Research (SACAIR 2023). Under Review.

Sanesh Govender, Amos Anele, Chinedu Okonkwo, and Kranthi Shikari, 2023. Evaluating the Relationship Between Cybercrime and Electronic Banking in South Africa. *SAPHE Conference, 2023*. Under review.

04

Research Supervision

Armand Fourie. Comparative Analysis of Test-Driven Development and Bug-Driven Development within the Flutter Development Life-Cycle. BSc. IT Hons. Eduvos 2022. (Completed).

2Sanesh Govender. Assessing the Relationship between Cybercrime and Electronic Banking in South Africa. BSc. IT Hons. Eduvos, 2022. (Completed)

Jessie Ruben. Extent of Big Data Influence on Consumer Decisions. BSc. IT Hons. Eduvos 2022. (Completed).

Lofuno Kgotlagomang. The Impact of 3D Printing and Applications in the Medical Field. BSc. IT Hons. Eduvos 2023. (In Progress)

Louis Oosthuizen. An investigation into the relationship between poor interface design, transparency, and user comprehension. BSc. IT Hons. Eduvos 2023. (In Progress)

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Pieter DU Toit. The use of AI and Big Data in Data Security and Threat Evaluation. BSc. IT Hons. Eduvos 2023. (In Progress).

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