

2023 POSTDOCTORAL RESEARCH FELLOWSHIP

Excellence Awards

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UNIVERSITY
OF
JOHANNESBURG

COLLEGE OF BUSINESS AND ECONOMICS





Dr Kelechi Johnmary Ani, Ph.D., is a Senior Postdoctoral Researcher, at the School of Public Management, Governance and Public Policy, College of Business and Economics, University of Johannesburg, South Africa, and a South African Association of Political Studies (SAAPS) member. Before joining the University of Johannesburg, he served in different capacities towards the development of teaching and learning as pro-Bono staff in Afrocentric Governance of Public Affairs Research entity, North West University South Africa (his Alma mater) and Visiting Scholar, International Relations and Diplomacy, University of The Gambia. His research interests include Peace, Security, and Conflict Management in Africa; African History, Politics, Governance, and Diplomacy.

Dr. Kelechi Johnmary Ani has published more than twelve (17) research articles in DHET-accredited journals in less than two years with the School of Public Management, Governance and Public Policy, College of Business and Economics, University of Johannesburg, South Africa, and has peer-reviewed two books for Springer/ Palgrave Macmillan, UK and more than thirteen (13) articles for internationally indexed journals.





Dr. Chikwira Collin Ph.D. is a Postdoctoral Researcher in the Department of Public Management, Governance and Public Policy, College of Business and Economics, University of Johannesburg, South Africa. With a personality of an unyielding passion for researching and lecturing, he has more than three (3) years of research and teaching experience in higher education. His scientific interests include Corporate Finance, Corporate Governance, Financing of Businesses, Economic growth and Economic development of less developed Nations, and 4IR.

Dr. Chikwira has published three (3) research articles in DHET-accredited journals within his first 8 months as a Postdoctoral fellow, with the department of PMGPP as a researcher and peer-reviewed more than eight (8) articles for internationally indexed journals. Besides, Dr. Chikwira significantly engages in lecturing modules on Public Finance at the first-year, third-year, and Advanced Diploma levels. He also contributes to UJ's community by facilitating and participating in UJ Community Projects; he remains one of the resources for ongoing student and community development projects (APK campus). He currently mentors six (6) students across three (3) UJ campuses, including my online Advanced Program students within his department and a few others in the College of Business and Economics.



FACULTY OF EDUCATION





Dr. Gbenga Michael Adeyeye. is a permanent resident of South Africa. I hold a National Certificate in Education (N.C.E), B.Sc. (Ed), M.Ed. (Adult education and community education), and D.Ed. in Socio Education.

I am a scholar and an educator, and I am also emotionally stable, goal-oriented, and well-balanced (both in theory and in reality). I am well-versed in educational subjects and have a particular interest in socio-education. My research interests are in the fields of education and social concerns like gender, family, resilience, and social, economic, and cultural capital in schools.

My doctoral work focused on the academic performance of rural and urban secondary school students in South-Western Nigeria. In my dissertation, I demonstrated the existence of educational imbalances in society. Also, I identified reasons for the differences in the academic performance of school learners using economic, social, and cultural capital theory and a mixed-method research approach.



Dr Musa Adekunle Ayanwale, PhD, currently serves as a Senior Postdoctoral Research Fellow at the Department of Science and Technology Education, University of Johannesburg, South Africa. With a PhD in educational research, measurement, and evaluation, he possesses a wealth of expertise in the field of assessment and psychometrics. Dr. Ayanwale's research interests encompass a broad spectrum, including the development and validation of assessment tools, psychometrics, reliability analysis based on generalizability theory, Q-Methodology, structural modeling, and various aspects of computing education such as artificial intelligence in education, programming education, machine learning, and big data. His ongoing research is dedicated to advancing technological solutions in assessment, with the aim of creating more effective and efficient educational assessment methods in the African context. He is also highly proficient in both quantitative and qualitative data analysis and has distinguished himself as an author with more than 25 published research articles in DHET-accredited journals during his two-year tenure with the Department of SCI_{TECH}ED as a researcher. Furthermore, he has contributed significantly to the academic community by peer-reviewing over 53 articles for internationally indexed journals.

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT





Dr Andrew Ebekozen, Ph.D., is a Postdoctoral Researcher in the Department of Construction Management and Quantity Surveying, Faculty of Engineering and the Built Environment, University of Johannesburg, South Africa. With a personality of an unyielding passion for researching and lecturing, he has more than 18 years of research and teaching experience in higher education. His scientific interests include human settlement, construction economics, construction education, construction management, construction digitalisation, construction measurement, green and sustainable buildings, construction safety, and sustainable tourism.

Dr Andrew has published more than 150 accredited journal articles, conference papers, and book chapters indexed in Web of Sciences/Scopus such as Habitat International, Sustainable Cities and Society, ECAM, Education + Training, Journal of Housing and the Built Environment, among others. Dr Andrew serves as Editorial Advisory Board member of some journals including the International Journal of Building Pathology and Adaptation (Scopus Indexed). He also serves as a reviewer for over 20 top-ranked journals in the built environment and allied fields. Dr Andrew conducts several academic seminars for students and young career researchers on Academic Writing, Built Environment and Research Publications.





Dr. Azeez Lawan Rominiyi is an accomplished Postdoctoral fellow currently working in the Department of Mechanical and Industrial Engineering, Faculty of Engineering and the Built Environment, University of Johannesburg, South Africa. With a strong academic background and passion for research, Dr. Rominiyi has significantly contributed to his field of study. After completing his doctoral degree in Metallurgical and Materials Engineering from the Tshwane University of Technology, Pretoria, South Africa, Dr. Rominiyi joined the University of Johannesburg as a Postdoctoral fellow. His research focuses on Advanced alloys and composites development using novel techniques such as Spark Plasma Sintering and Laser Additive Manufacturing, Advanced Characterization Techniques, Thermochemical and Thermomechanical Treatment of alloys and composites and 4IR.

Dr. Rominiyi has published over thirty (30) research articles in internationally peer-reviewed, DHET-accredited journals and peer-reviewed more than thirty (30) articles in his field for notable publishers such as Elsevier, Springer, Taylor and Francis. He is actively involved in mentoring and supervising graduate students, sharing his knowledge and technical know-how to groom the next generation of researchers. He is also collaborating with other experts in his field to promote interdisciplinary collaborations and advance scientific knowledge.

2023 PDRF Excellence Awards



FACULTY OF HEALTH SCIENCE





Dr. Elvin Chizenga, Ph.D. (CPhys.), is a junior postdoctoral fellow and part-time lecturer in the Department of Biomedical Sciences, Faculty of Health Sciences, University of Johannesburg, South Africa. He is a certified physicist and a member of the South Africa Institute of Physics because of his expertise in biomedical optics and medical laser applications. As a biomedical scientist and philosopher, however, his scientific interests are broad, covering other biomedical specializations including the fields of nanomedicine, cancer cell biology, and, as of lately, COVID pathology and immunology.

Dr. Chizenga recently graduated and has already published six research articles in high-impact journals, three conference papers, and presented his research at numerous local and international conferences. He also has previously received the Vice Chancellor's Gold Medal for his meritorious postgraduate research. While working as an assistant lecturer, Dr. Chizenga facilitated the design of two curricula, which the Department of Biomedical Sciences has used to date, and he is involved in lecturing modules on integrative medical laboratory sciences and pathophysiology. Aside from his research and lecturing duties, he is the pioneer and current president of the UJ Optica Student Chapter, and he also contributes to the Department of Biomedical Sciences' community engagement programs. He is a role model for many students and continues to leave an indelible mark on both students and co-workers.



FACULTY OF HUMANITIES





Dr. Martine Diepenbroek completed her PhD in Classics and Ancient History at the University of Bristol (UK) in 2021. She is currently employed as a Postdoctoral Research Fellow in Classical Studies within the Department LanCSAL (Languages, Cultural Studies and Applied Linguistics).

Dr. Diepenbroek's work focuses on communication security in the ancient world. Since she started as a postdoctoral fellow at UJ in April this year, she has published two articles on the subject, and a book based on her PhD thesis will come out by the end of the year (published by Bloomsbury - London).





Dr Ragnar van der Merwe is a post-doctoral research fellow at The University of Johannesburg. His research interests are in the philosophy of science, philosophy of truth, pragmatism, and complexity science. Ragnar's PhD thesis focused on questions related to how we can have knowledge of the world given its complex nature and, most importantly, what this can tell us about scientific progress and scientific truth. Some of the journals where Ragnar has published include *Axiomathes*, *Foundations of Science*, and *Journal for General Philosophy of Science*. He has given talks at seminars hosted by, among others, Bath University, Kent University, University of Connecticut, and University of Vienna.



JOHANNESBURG BUSINESS SCHOOL





Dr. Akinola Segun holds a PhD in Electrical and Electronics Engineering from the University of Johannesburg, South Africa. He is a dedicated Researcher, Lecturer, and Digitalization & Project Management Consultant, with significant experience in academia, focusing on high-quality teaching and impactful research.

After completing his master's degree, he established Asam Integrated Resources Limited, an engineering company based in Nigeria. Dr. Akinola's unwavering commitment to advancing the engineering profession led to his election as the Assistant Secretary General of the Nigeria Society of Engineers, Ekiti State Chapter, where he made history as the youngest person to hold this position. Dr. Akinola is not only dedicated to professional growth but also passionate about guiding and mentoring students in Nigeria and South Africa. His academic career at the University of Johannesburg started as a Tutor and progressed to Senior Tutor, eventually leading to the role of Lecturer. In addition to his teaching and mentorship, Dr. Akinola serves as a respected journal reviewer, contributing to numerous high-quality publications and presenting his work at conferences around the world. His areas of expertise encompass Electromagnetic/Microwave Engineering, Industry 4.0 applications, renewable energy, Wireless Communication, digital healthcare, and digital business. Currently, he is engaged in pioneering research on digital applications in the healthcare sector at the Johannesburg Business School. Dr. Akinola's diverse professional affiliations underscore his global reach and deep commitment to the various fields.



FACULTY OF SCIENCE





Dr. Oluwasegun Jerry Adeyemi, Ph.D., is a postdoctoral research fellow in the Department of Botany and Plant Biotechnology at the University of Johannesburg, South Africa. He holds membership in the prestigious Royal Society of Chemists (RSC) in the United Kingdom and the esteemed South African Chemical Institute (SACI). Dr. Jerry is a passionate advocate for research, teaching, and mentorship, mentoring numerous postgraduate/undergraduate students while serving as a postdoctoral research fellow/part-time lecturer for the last eight years. His unwavering dedication to addressing real-world challenges has led him to assume roles across various departments in the last five years despite his background in Chemistry. Dr. Adeyemi plays a pivotal role in the Postharvest and Agroprocessing Research Centre (PARC), Department of Botany and Plant Biotechnology, working under the mentorship of Professor Olaniyi Fawole.

With a substantial publication record of over 35 articles in DHET-accredited international journals, Dr. Jerry is a consistent peer reviewer for more than twelve indexed journals, demonstrating his commitment to academic rigour. His current research focuses on the sustainable synthesis and application of nanoparticles for food packaging and postharvest loss reduction, addressing critical concerns in food safety, sustainability, and the development of a circular food economy.





Dr. Olanrewaju Aladesuyi holds a Ph.D. in Industrial Chemistry from Covenant University in Ota, Nigeria. Presently, he is a Postdoctoral Research Fellow (PDRF) at the CHEM NANOBOW Laboratory under the supervision of Professor S.O. Oluwafemi at the Department of Chemical Sciences at the University of Johannesburg. Dr. Aladesuyi served as a lecturer at Covenant University, Ota, Nigeria, accumulating more than a decade of experience in teaching and research.

His primary research focus revolves around the synthesis of ternary quantum Dots- cancer drug conjugate for effective therapy. Since his appointment as a PDRF in June 2022, he has been a prolific author, with articles already published in DHET-accredited journals.

Furthermore, Dr. Aladesuyi actively contributes to the academic community by undertaking peer-review responsibilities for esteemed journals. He has also presented papers at local and international conferences, workshops, and symposia. His current research project centers on the application of dual-emitting carbon nanodots to develop hybrid nanoprobe with multiple functions.

