

Brief CV Janice Limson

Janice Limson is a Professor of Biotechnology at Rhodes University in South Africa. She holds the Department of Science and Innovation/National Research Foundation Research Chair in Biotechnology Innovation and Engagement and serves as Director of the Biotechnology Innovation Centre (RUBIC) at Rhodes. Her research focuses on the development of diagnostic tests for healthcare management in remote areas as well as areas of water treatment and bioremediation. Through her work as Chair, she studies how direct engagement with communities regarding research and technology holds multiple benefits for communities, students and research in higher education, serving as a driver for impactful societal outcomes and technology transfer. She heads up the DSI Nano-Micro Manufacturing Facility Node, a national facility in paper-based diagnostics aimed at accelerating the development of rapid diagnostic tests in the country. As former host to the UNICEF Innovation Node in Biotechnology, her research group's work in Next-Generation Biosensor Diagnostics was recognised by FASTCOMPANY as part of their 2023 World Changing Ideas Awards: in the Developing World Technology category. Through UNICEF and South African Medical Research Council/UK Research and Innovation funding her research also focused on the generation of aptamers for rapid diagnostic tests as well as molecular diagnostic tests in the One Health focus area. She has also recently been tasked with heading up the country's Presidential PhD Programme in Advanced Biotechnology, a multi-year initiative aimed at transforming doctoral education in the field.

She is the former **Co-Chair of the 70th International Society of Electrochemistry (ISE) Annual Meeting** held in South Africa in 2019 and served the ISE society over a three-year period, first as a member, and then Chair, of the **Scientific Meetings Committee (SMC)** tasked with selecting host countries for ISE annual and topical meetings. She also served on the ISE nominations committee responsible for nominating candidates for positions of Vice-President and other Executive Leadership posts of the ISE, in previous years. Recently she has served as Vice-Chair of Division 2 of the International Society of Electrochemistry, supporting the organisation of Symposium 3 at the 77th ISE Annual Meeting held in Sydney. She was Associate Editor of IEEE Sensors journal for several years, a member of IEEE's teaching awards committee, and serves as an associate editor of IEEE Sensors Magazine. She is also a member of the Board of ISMET, representing their Africa chapter.