

## ABBREVIATED CURRICULUM VITAE

*Anton P le Roex*

Born 8 November, 1953, Port Shepstone, South Africa

### Education and employment

BSc in Geology and Geochemistry (Stellenbosch) *cum laude* (1975); BSc(Hons) in Geochemistry (UCT) *first class* (1976); PhD in Geochemistry (UCT) (1980); Research Associate, Department of Geochemistry, UCT (1980); Post-doctoral fellow, Woods Hole Oceanographic Institution, USA (1980-1981); Senior Research Officer, Department of Geochemistry, UCT (1981-1985); Lecturer, UCT (1986-1987); Senior Lecturer UCT (1987-1989); Visiting Professor, University of Hawaii, USA (1989-1990); Associate Professor, UCT (1990-1996); Chamber of Mines Professor of Geochemistry, Department of Geological Sciences, UCT (1997- to date); Dean of Science, UCT (2011-2017)

### Professional societies

Geological Society of South Africa; American Geophysical Union; Royal Society of South Africa; International Geochemical Society.

### University positions and major committees

Head of Department of Geological Sciences (1991 to 2005); Deputy Dean Science (2001 to 2010); Student Advisor (1986 - 2006); Science Faculty Promotions and Remuneration Committee (1998 - ); Science Faculty Dean's Advisory Committee (2000 - ); University Equipment Committee (2005 - 2010; Deputy Chair); University Research Committee (2007 - 2010; Deputy Chair); University Space Allocation Committee (2008 - 2010; Chair); Admissions & Progression Committee (2009 - 2017); Senate Academic Planning Committee (2009 - 2010); Board for Graduate Studies (2007 - 2010). Doctoral Degrees Board (2011-2017; Deputy Chair). Planning & Budgeting Working Group, UCT (2017 - ); Resource Allocation Advisory Group, UCT (2015- ).

### Teaching experience and postgraduate supervision

Thirty-one years of teaching experience at undergraduate and postgraduate level in general geology; igneous petrology, mineralogy, analytical geochemistry, and igneous geochemistry. Employed 10 post-doctoral researchers and supervised 16 MSc and 7 PhD students.

### Visiting positions and conference attendance

Visiting positions between one month and 12 months at the Woods Hole Oceanographic Institution, USA; Massachusetts Institute of Technology, USA; University of Hawaii, USA. Conference presentations at 90 international meetings in the United States, New Zealand, Iceland, England, France, Germany, South Africa, Reunion, Canada, Denmark; Scotland; Brazil; Azores; Namibia; Austria; China.

### Research interests

My research interests lie in understanding the geochemical composition and evolution of mafic igneous rock and their differentiates, and the geochemical evolution of the Earth's interior.

### Publications and review activities

Author or co-author of 98 refereed articles in international Earth science journals, and 105 conference abstracts; over 4000 citations (H index = 38); NRF B1 rating since 1986; reviewer for top international Earth Science journals, including Nature, Science, Journal of Petrology, Earth and Planetary Science Letters, Contributions to Mineralogy and Petrology, Lithos, G-cubed. Regular reviewer of research proposals for NSF (USA), NERC (UK), ACR (Australia) and NRF (South Africa).