

Education

- MSc candidate in Biological Sciences *Cape Town* 2018–present
 - Dissertation title: *Genome size effects on plant hydraulic ecophysiology, habitat & phenology in Cape Schoenoid sedges (Cyperaceae: Schoeneae)*
 - Principle supervisor: A/Prof A.M. Muasya. Co-supervisors: A/Prof G.A. Verboom & A/Prof A.G. West
- BSc Hons in Biological Sciences *Cape Town* 2017
 - Graduated with distinction
 - Dissertation title: *Relating vascular plant species richness & environmental heterogeneity across spatial scales in the Greater Cape Floristic Region & the Southwest Australia Floristic Region*
 - Supervisors: A/Prof M.D. Cramer & A/Prof G.A. Verboom
- BSc in Ecology & Evolution, Applied Biology *Cape Town* 2016
 - Distinction in both majors & the degree as a whole

Publications

- Cramer, M.D., van Mazijk, R., Wootton, L.M. & Verboom, G.A. (In prep.). Edaphic diversity in a global biodiversity hotspot.
- Van Mazijk, R., Cramer, M.D. & Verboom, G.A. (In prep.). The role of environmental heterogeneity in determining plant species richness in the Greater Cape Floristic Region & the Southwest Australia Floristic Region. To submit to *Journal of Biogeography*.
- Van Mazijk, R., Smythe, L.K., Weideman, E.A. & West, A.G. (2018). Isotopic tracing of stormwater in the urban Liesbeek River. *Water SA*, 44(4):1–6. DOI: 10.4314/wsa.v44i4.16.

Professional affiliations

- Southern African Society for Systematic Biology (SASSB) student member 2018–present
- South African Association of Botanists (SAAB) student member 2017–present
- Golden Key International Honour Society member 2015–present

Funding & awards

- SAAB MSc Student Bursary (inaugural recipient) (R20,000) 2018, 2019
- UCT Once-Off Top Up Award (R5,520) 2018
- UCT Conference Travel Grant to attend SAAB-AMA-SASSB-IVXV (conditional grant) (R3,819) 2018
- Dorothy Cameron Scholarship (R20,000) 2018
- UCT Masters Research Scholarship (R25,000) 2018
- DST-NRF Innovation Honours Scholarship (R60,000) 2017
- SAAB Honours Scholarship (R10,000) 2017
- UCT Science Faculty Scholarship (R15,000 p.a.) 2015, 2016
- Dick & Dorothy Borchers Prize for the highest standard in 2nd year biology (R1,000) 2015

Teaching experience

- Teaching assistant for undergraduate angiosperm diversity practicals 2018–present
- Tutor for undergraduate study design & data analysis for scientists 2017–present
- Assistant tutor for short course *SEEC-ACCESS Introduction to statistical modelling & data analysis* 18–20 July 2018
- Assistant tutor for undergraduate R practicals 2016–present
- Hot-seat tutor for mathematics for biology, earth & environmental sciences undergraduates 2015

References

- A/Prof G.A. Verboom, Dept. of Biological Sciences & Bolus Herbarium, UCT tony.verboom@uct.ac.za, +27 21 650 3398
- A/Prof M.D. Cramer, Dept. of Biological Sciences, UCT michael.cramer@uct.ac.za, +27 21 650 2444