



Internship Opportunity 2025

The 1KSA Project

DIPLOMICS is a research infrastructure supported by the Department of Science, Technology and Innovation's South African Research Infrastructure Roadmap. One of the DIPLOMICS main objectives is to promote technical training for researchers and particularly students, in order to improve access to Omics technologies in South Africa. The 1KSA project (www.1ksa.org.za), a biodiversity genome sequencing project, was established by DIPLOMICS in part to provide a vehicle for Genomics training.

The DIPLOMICS training lab, based at the Centre for Proteomic and Genomics Research in Woodstock, Cape Town and a key partner in the 1KSA project, will be hosting an internship in 2025. This opportunity is designed to deepen one's knowledge in the biodiversity genomics field through hands-on experience and exposure to the 1KSA project. This is a full-time, skill-building one-year internship based in Cape Town.

Application Deadline
22 November 2024

Program Details

Start Date: January 2025
End Date: December 2025
Monthly Stipend Provided

What You'll Gain

- Hands-on, laboratory-based technical skills to enhance your qualifications and prepare you for career success.
- Experience in a large Genomics project, including data management, that will boost your competitiveness in the job market.
- Transferrable skills such as project management and report writing
- Networking opportunities with senior scientists, allowing you to build valuable relationships in the field.
- Soft skills development through tailored workshops
- An early career mentor-mentee relationship

Eligibility Requirements

- This opportunity is available to candidates with an MSc degree obtained in Genetics, Molecular Biology, Biotechnology, Biochemistry, Microbiology, Zoology, Botany or a related field within the last two years.
- Candidates with a BSc Honours degree, and who have recently submitted their MSc degree copy for examination, will also be considered.
- Preference will be given to candidates who have basic molecular biology experience (eg DNA extraction, PCR optimisation) and demonstrate an interest in pursuing a career in Biodiversity Genomics.
- Preference will be given to previously disadvantaged individuals, as defined by the DSTI.

HOW TO APPLY

Send your CV, the names of two referees and a cover letter motivating how this program aligns with your career goals and why you are an ideal candidate to

information@diplomics.org.za

Please incorporate these documents as one PDF file as a single attachment to your e-mail and use the subject

“1KSA internship application”

Please also complete the [DIPLOMICS 1KSA Internship opportunity survey](#).

Please note - submission using these criteria is a requirement for application for this internship.