

DIPLOMICS



DIPLOMICS Internship Opportunity 2027

Hosted at the Aquatics Genomics Research Platform (AGRP), NRF-SAIAB

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 and to improve access to Omics technologies in South Africa.

The AGRP, a key DIPLOMICS partner in the Eastern Cape, will be hosting a molecular laboratory internship in 2027. This opportunity is designed to deepen one's knowledge in the aquatics genomics field through hands-on experience and exposure to a wide range of projects and services. This is a full-time, skill-building internship based in Makhanda and focused on professional development in Genomics.

Program Details:

- **Start Date:** 4th January 2027
- **End Date:** 20th December 2027
- **Monthly Stipend Provided**

What You'll Work On:

- DNA extraction from a variety of aquatic organisms ranging from fish to invertebrates and PCR optimization across multiple gene markers.
- Sanger sequencing sample preparation and data analysis.
- Whole genome sequencing and assembly: Preparation of high molecular weight DNA, Oxford Nanopore sequencing, data analysis and assembly of the draft genome.

- Assist in the management and functioning of an open access laboratory.
- Participate in or attend eDNA workshops, introduction to linux and bioinformatics workshops, metabarcoding workshops
- Assist in training and upskilling of researchers (training workshops and one-on-one training)

What You'll Gain:

- Hands-on, laboratory-based technical skills that strengthen your qualifications and career readiness.
- Experience across diverse research areas and techniques, enhancing your competitiveness in the job market.
- Networking opportunities with senior scientists, allowing you to build valuable relationships in the field.
- Skills development through specialised workshops
- An early career mentor-mentee relationship

Eligibility Requirements:

- This opportunity is available to candidates with an MSc degree in Genetics, Molecular Biology, Biotechnology, Biochemistry, Microbiology or a related field.
- Candidates with a BSc Honours degree, and who have recently submitted their MSc dissertation for examination, will also be considered.
- Experience with the DNA extraction from multiple tissue types and optimization of PCR protocols will be an advantage.
- Preference will be given to candidates who demonstrate an interest in pursuing a career in genomics.

Application Details:

- **Application Deadline: 6th November 2026**
- **How to Apply:** Please complete the online application form at <https://redcap.link/wjkyouca>. As part of the form, you will be asked to upload your CV and a cover letter motivating how this program aligns with your career goals and why you are an ideal candidate, combined as a single PDF file, together with the names and contact details of two referees.

- **Enquiries:** Please direct any questions to information@diplomics.org.za using the subject “AGRP bioinformatics internship”.

**APPLICATION
DEADLINE
6th November
2026**

How to apply

Submit the following as a single PDF attachment:

- CV
- Names and contact details (including phone numbers) of two referees
- Cover letter explaining how the internship aligns with your career goals and why you are an ideal candidate

Email: information@diplomics.org.za

Subject: “AGRP internship application”