

**POSTGRADUATE RESEARCH OPPORTUNITIES IN THE NELSON MANDELA
UNIVERSITY FISH RESEARCH GROUP**

One Postdoctoral, two PhD's and one MSc degree opportunity in Ichthyology will be available from 2022 – 2024 for prospective students at Nelson Mandela University based in the Zoology Department, Gqeberha / Port Elizabeth. Students, who satisfy the criteria listed below need to send an expression of interest to Prof Nadine A. Strydom (nadine.strydom@mandela.ac.za).

PROJECTS:

Postdoctoral: Changes in coastal fish reproduction patterns as evidenced through availability of fish larvae – inter decadal review

Ph.D. 1: Contemporary vs historical comparison in nearshore larval fish assemblages in Algoa Bay with implications for understanding fish spawning periodicity shifts

Ph.D. 2: Pollution and fishery impacts on the reproductive biology of Spotted Grunter in Algoa Bay

M.Sc.: Contemporary vs historical comparison of estuarine larval fish assemblages in Algoa Bay with implications for understanding fish recruitment shifts

Criteria for application:

- 1) Must be South African citizen (exception Postdoctoral)
- 2) Have obtained 65% or above for their B.Sc. Honours / M.Sc. degrees.
- 3) Have research expertise on temperate coastal fishes
- 4) Preferably have a track record of publication of research

Please send a cover letter and your CV to nadine.strydom@mandela.ac.za by 31st May 2021. A competitive selection process will follow, and successful candidates will be notified by the 2nd June 2021, after which they **need to apply online in your personal capacity for an NRF free-standing bursary** for 2022-2023. Please note that you will need to apply online using project information provided by the supervisor. The internal deadline for postgraduate funding varies with university so you will need to contact the NMU Research Development Office to ascertain deadlines (contact: RD@mandela.ac.za) (typically mid-June). As per new NRF funding rules – project funding does not cover student bursary support.

Please refer to the NRF website for details:

<https://www.nrf.ac.za/bursaries/framework-documents/bursaries-framework-documents>

This work will provide much needed information on the changes to coastal fish reproduction in the marine nearshore and fish recruitment into estuaries over time.

Candidate qualities for success:

Statistically and numerically competent

Hard working, determined and independent

Good writing skills

Sea going and boating competency

Excellent time management skills

Ability to work for long hours using microscopy techniques

