

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the institution.

COLLEGE OF LAW AND MANAGEMENT STUDIES
POSTDOCTORAL RESEARCH SCHOLARSHIP
REFERENCE NUMBER: WP5

POST-DOCTORAL RESEARCH FELLOWSHIP (PDRF) IN RENEWABLE ENERGY AND COMMUNITY-DRIVEN SOLAR MANUFACTURING

The University of KwaZulu-Natal (UKZN) is seeking a highly motivated Post-Doctoral Research Fellow (PDRF) to join the [REACH-PSM Project](#), an international, multidisciplinary initiative focusing on renewable energy, sustainable solar manufacturing, and community-driven innovation. The project is led by Swansea University (UK) and co-led by UKZN (South Africa) and involves collaboration with leading scientists worldwide.

The appointed fellow's focus area will be on Resilient Renewable Energy Access Through Community-Driven Holistic Development in Perovskite Solar Module Manufacturing:

- Inclusive Co-Design and Community-Driven Innovation
- Promoting Gender Inclusion and Community Participation
- Capacity Building and Local Expertise Development
- Business and financial modeling

KEY RESPONSIBILITIES

The PDRF is expected to:

- Publish at least three (3) journal articles per year in Quartile 1 or 2 journals
- Engage in high-impact international collaborations within the REACH-PSM research network
- Actively contribute to policy development and technology adoption strategies
- Participate in knowledge exchange activities, workshops, and conferences

ELIGIBILITY CRITERIA

- Preference will be given to candidates who hold a PhD in a relevant STEM discipline (Science, Technology, Engineering or Mathematics) and/or possess business or financial modeling skills
- Candidates with a STEM background together with experience in community-informed implementation science will be an asset
- Proven track record of peer-reviewed journal publications, book chapters, and conference presentations in renewable energy, engineering, commercialization, marketing, and business science communication or a related field will be an asset
- Business or financial modeling expertise will be an asset
- Ability to work in an interdisciplinary and international research environment
- Strong analytical, writing, and communication skills

INTERESTED APPLICANTS MUST SUBMIT THE FOLLOWING:

- ⦿ Research Proposal aligned with the REACH-PSM project themes
- ⦿ Curriculum Vitae (CV) with a detailed publication record
- ⦿ Cover Letter outlining research experience and motivation for applying
- ⦿ Full Academic Records
- ⦿ Contact Details of two academic referees

Application Submission: Submission-pack should be sent via email to: shape@ukzn.ac.za

Closing date: 22 August 2025

For more details on the REACH-PSM Project, visit: [Project Link](#).