

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

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

- PhD in a relevant STEM discipline (Science, Technology, Engineering, or Mathematics)
- Proven track record of peer-reviewed journal publications in renewable energy, engineering, or a related field
- Experience in community-driven innovation, renewable energy systems, or sustainable manufacturing is advantageous
- 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: 30 July 2025

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