

THE OPEN UNIVERSITY OF TANZANIA
DIRECTORATE OF RESEARCH PUBLICATION AND INNOVATION

RESEARCH AND DEVELOPMENT PROJECTS 2024

| /no | Project Title | Period/ Time | Investigators/ Researchers | Funding Organization |
|------------|---|--------------------------------|--|---|
| 1. | Local Food Communities in Tanzania, based at the University of Padua, Italy | February 2024- January 2026 | Chiara Rabbiosi and Dr. Ruth Wairimu John (OUT) | European Union through the University of Padua, Italy |
| 2. | Plant-based nutrition: Exploring a greener diet-roots, tubers, vegetables and legumes for nourishing young generations of Tanzania (Capacitating women and youth food processors) Proposal acronym: RoTVeLe. | January 2024- December 2027 | Dr. Elina Masetta (OUT) | AGCO Agriculture Foundation |
| 3. | Plant Based Insecticides for Controlling Maize Storage Insect Pests and Other Insect Pests of Economic Relevance to Smallholder Farmers. | 2023-2025 | Dr. Matobola. J. Mihale (OUT) Prof. Josiah Ouma Omolo (Egerton, University, Kenya) Dr Teresiah Njihia (Farm Track Consulting Ltd, Kenya) Dr Samuel Muchemi (Farm Track Consulting Ltd, Kenya) Prof. Joshua Ondura Ogendo (Egerton, University, Kenya) Prof. George Owuor (Egerton, University, Kenya) Dr Bernard Kirui (Egerton, | Bioinnovate Africa, Kenya |

| | | | | |
|----|---|-------------------------|--|--|
| | | | University, Kenya) Dr John Bwire (ICIPE, Kenya) Dr Xavier Cheseto (ICIPE, Kenya) Prof. Leonia Henry (Dar es Salaam Institute of Technology, Tanzania) Dr Adrien Turamyenyirijuru (University of Rwanda, Rwanda) Dr. Chantal Mutimawurugo (University of Rwanda, Rwanda) | |
| 4. | Empowering teachers and health care workers in providing school-based sexual and reproductive health education to promote gender equality. | 01/01/2023 – 31/12/2025 | South Promotor: Dr. Janeth Kigobe (OUT) North Promotor: Prof. Dr. Karla Van Leeuwen (KU Leuven) | VLIROUS, Belgian Government |
| 5. | E-HEALTH PROJECT | 2019-2024 | Faculty of Law, Prof. Alex Makulilo (OUT); Prof. Dr. Benedikt Buchner (University of Bremen) | Alexander von Humboldt-Stiftung-GERMAN |
| 6. | Proactive Monitoring of School Dropouts and Protection of Adolescents using Artificial Intelligence | 2024 - 2025 | Dr. Khamisi Kalegele – Principal Investigator Dr. Daphina Mabagala – Co-Principal Investigator | COSTECH |
| 7. | Empowering teachers and health care workers in providing school-based sexual and reproductive health education to promote gender equality (01/01/2023 – 31/12/2025) | 01/01/2023 – 31/12/2025 | Dr. Janeth Kigobe, Prof. Elinami Swai, Dr. Theresis Shavega, Dr. Winifrida Malingumu, Dr. Nestory Ligembe, Jane Mmary, and Prof. Karia Van Leeuwen – KU Leuven | VLIR Belgian Government |
| 8. | Children with disabilities and UN Rights Conventions | 2022 - 2024 | Dr. Mariana Makuu | NOREC |

| | | | | |
|-----|--|--------------|--|---|
| 9. | Developing Game-Based Tablets Audiometry for Screening Children's Hearing in Tanzania (I HEAR YOU PROJECT) | 2021 - 2025 | Tone Øderud, Cosmas Mnyanyi, Tron Vedul Tronstad, Tore Christian Storholmen, Anita Kway, Jon Øygarden. Implementers are: SINTEF, OUT and Patandi Teachers College. | National Research Council of Norway |
| 10. | Kilimanjaro Telescope Project | 2022 to 2028 | Dr. Sheperd Doeleman - Principal Investigator/Project Leader; Dr.Nooraji Jiwaji (OUT) – Co-PI | Smithsonian Astrophysical Observatory (SAO) |