



**UNIVERSITY OF DAR ES SALAAM**  
**COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Call for Applications for 4 PhD Fellowships in Health Information Systems and Health Informatics**

**Project Outline**

The Norwegian Directorate for Higher Education and Skills through Norwegian Partnership Programme for Global Academic Cooperation (NORPART), NORPART2021/10205 has recently granted the research project called “*Developing Education with Input from CoordinATED research students (DEDICATED)*” full support including funding for partial PhD fellowships with a focus on Health Information Systems (HIS) and Health Informatics (HI). DEDICATED is a joint collaborative project between the University of Dar es Salaam (UDSM)-Tanzania, University of Oslo (UiO)-Norway, University of Malawi (UNIMA)-Malawi, and University of Eduardo Mondlane (UEM)-Mozambique.

The study focus of the PhD fellows will include but not limited to: improving usability, interoperability, and data use of digital health systems for strengthening impact and sustainability. As part of the study, the PhD fellows will work with faculty members across the partners involved in supervision and all fieldwork activities for education development.

**Qualifications**

All applicants must possess the following:

- An admission letter from University of Dar es Salaam.
- A Master’s degree (or equivalent training) in computer science, health informatics, data science, health information systems, information system management, health statistics, or related field. Experience in health information systems will be an added advantage.
- Good writing and communication skills in English as well as research skills.
- Previous publications related to the research focus/theme is considered an advantage.
- Willingness to commit full-time effort to his or her PhD training program.
- Must be an academic staff of any public university.
- Must be a Tanzanian citizen.
- Female candidates are encouraged to apply.

The DEDICATED project is funded by the Norwegian Directorate for Higher Education and Skills and administered by the Norwegian Partnership Programme for Global Academic Cooperation (NORPART). The project is led by the University of Oslo (UiO) in collaboration with the University of Dar es Salaam (UDSM), University of Malawi (UNIMA) and University of Eduardo Mondlane (UEM).



## Mode of Application

Applications must include the following documents:

- Cover letter describing why you wish to undertake this fellowship and how this study may further your career (max. 1 page) including a short description of your experience in health information systems.
- Research concept note focusing on the subject of the health information system with particular focus on improving usability, interoperability, and data use of the digital health systems. (max. 4 pages, excluding references). The following details must be included:
  - Statement of the research problem.
  - The main objective and specific objectives.
  - Research questions.
  - Theoretical framework or Conceptual framework.
  - Selection and rationale of the proposed study area.
  - Methodological approach, including fieldwork considerations.
  - Time plan.
- Certified copies of academic transcripts and relevant certificates.
- Letters of recommendation from two referees including phone numbers and e-mail addresses.

The entire application package must be submitted by e-mail with the subject title “**DEDICATED PhD Fellowship application**” to the project partner (in Norway), Professor Prof Jens Kaasbøll ([jensj@ifi.uio.no](mailto:jensj@ifi.uio.no)), and copied to the Project coordinators (in Tanzania): Dr. Honest C. Kimaro at [honestck@gmail.com](mailto:honestck@gmail.com) and Dr Jimmy Mbelwa ([jimmymbelwa@gmail.com](mailto:jimmymbelwa@gmail.com)) before **14.05.2022**. Applications received later than this date will not be considered. Further details may be obtained via the mentioned e-mail addresses.

## PhD enrolment and evaluation

The successful candidate will be offered a 3-year PhD fellowship, with the possibility of a 1-year extension. The fellowship will cover costs for field work and travel to partner countries as per the project budget. The PhD supervision will be a joint effort between the University of Dar es Salaam (UDSM), University of Oslo (UiO), Norway, University of Malawi (UNIMA), Malawi, and University of Eduardo Mondlane (UEM), Mozambique. The PhD fellows will have the opportunity to take advanced courses at all partner institutions. At least one 3-months research stay at partner institutions including the University of Oslo (UiO) is expected. Evaluation of the progress of the PhD activities will be done according to current postgraduate regulations of the University of Dar es Salaam.

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