

Intercultural historical studies

- Current trends in globalization and associated challenges of migration make it imperative for educational institutions to devise ways of broadening students' world views, trigger their curiosity about different cultures and, above all, give them the tools to understand the different cultures they encounter. NORPART 2016/10009 project called "Intercultural historical studies" seeks to **use internationalization as a mechanism for improving and enhancing the intercultural understanding of students** at the Department of Historical Studies at NTNU and corresponding departments at the University of Ghana (UG), the University of Cape Coast (UCC), and the University of Education in Winneba (UEW). The project will establish sustained student mobility between Ghana and Norway as well as academic and institutional partnerships among the participating institutions.
- The project implementation plan involves mutual student mobility, mutual staff mobility; joint intensive summer- and regular courses in Ghana, work placement and participation in field work, and joint workshops for staff and students from the participating institutions. The staff of participating institutions will depend extensively on digital tools in supervision and teaching. In the long term, the project seeks to improve the employability of students of historical studies in Norway and Ghana through acquisition of interrelated skills of intercultural and digital competences.



Coordinator: John Kwadwo Osei-Tutu, Department of Historical Studies, NTNU.

Project Duration: 2017–2021.

Partners:

- University of Ghana (UG)
- University of Cape Coast (UCC)
- University of Education in Winneba (UEW)
- NTNU

Ghana-Norway Collaboration in Medical Physics and Radiography Education



Coordinator: Pål Erik Goa,
Department of Physics.
Project Duration: 2017-2021.

Partners

- Kwame Nkrumah University of Science and Technology (KNUST)
- University of Cape Coast
- University for Development Studies
- School of Biomedical and Allied Health Sciences
- Ghana Atomic Energy Commission
- Ghana Society for Medical Physics
- Ghana Society of Radiographers
- Komfo Anokye Teaching Hospital
- Korle Bu Teaching Hospital
- NTNU
- St. Olavs Hospital HF
- Norsk Forening for Medisinsk Fysikk
- Norsk Radiografforbund

- The main goal of this project is to establish a partnership for education and research between institutions in Ghana and Norway within the fields of Medical Physics, Radiation Protection and Radiography. The project will result in student mobility both ways on master and PhD level, as well as mobility of staff. The project consists of two main activities:
 1. Annual Summer School in Ghana.
 2. A student exchange program.
- The Ghana-Norway Summer School in Diagnostic Imaging and Radiotherapy will be held at different locations in Ghana for students and practitioners of Medical Physics or Radiography. The topics covered will vary from year to year. The lecturers will be both academic and clinical staff recruited from partner institutions in both countries. The students will come from different regions of Ghana, other African countries and Norway. The Summer School will be a meeting place for both students and staff, and we plan to include scientific presentations as an increasingly important part of the school. In this way it will evolve into a scientific workshop, which can be sustained after the end of the project period.
- The Student Exchange Program is focused on students in Medical Physics or Radiography from Ghana spending 1–2 terms at NTNU as part of their master's degree. The exchange stay may involve taking regular courses or working on the master thesis. Exchange stays for PhD-candidates are also included, both ways.
- In addition a few smaller activities are planned, mainly focused towards supporting the two main activities.

Capacity building in renewable energy technologies in Ghana

- The overall aim of this collaboration is to strengthen the capacity of the Kwame Nkrumah University of Science and Technology (KNUST) to undertake the following:
 - Implement a PhD program in Renewable Energy Technology
 - Improve the quality of an existing Masters degree program in Renewable Energy Technology
 - Develop the capacity of staff of KNUST to teach renewable energy related courses.
- Under the collaboration, the Water and Environmental Engineering group at the Institute of Marine Operations and Civil Engineering, is currently hosting two PhD students who are to be trained for KNUST staff capacity development.



Coordinator: Razak Seidu,
Department of Ocean Operations and
Civil Engineering.

Project Duration: 2016–2019

Partners:

- Kwame Nkrumah University of Science and Technology
- NTNU
- Norwegian University of Life Sciences (NMBU)