

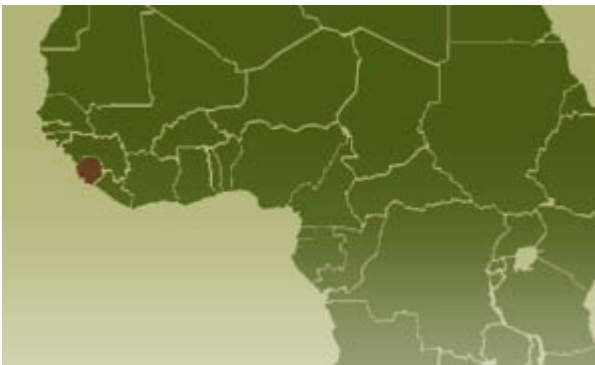
Centre of Sierra Leone Studies – Biology

The Kings' Fund – United Kingdom

<https://www.kcl.ac.uk/lsm/research/divisions/global-health/partnerships/sierraleone.aspx>

- The [King's Sierra Leone Partnership](#), established in 2011, is a health system strengthening programme in Sierra Leone that draws on staff expertise from across King's Health Partners to support health worker training, policy, research and clinical services.
- Our key partners are the College of Medicine & Allied Health Sciences, Connaught Hospital and the Ministry of Health and Sanitation.
- The partnership has an office at Connaught Hospital in Freetown and an in-country team led by Dr Oliver Johnson.
- The management committee of the partnership is made up of a wide range of clinical, academic and technical staff from across King's

Country profile



- Sierra Leone is a small country in West Africa with a population of six million which experienced brutal civil war between 1991 and 2002, during which 50,000 civilians were killed
- The country has now returned to stability and has had democratic elections, but it remains near the bottom of the Human Development Index (180/189)
- Life expectancy is 47, with an under-5 mortality rate of 192/1000 and a maternal mortality rate of 975/100,000
- The government is committed to improving health services, pledging to meet the Abuja target of 15% of GDP spending towards health and introducing free healthcare for under-5s and pregnant women in 2010.
- Critical shortage of health workers, with fewer than 100 doctors practicing in the public sector, including very few specialists, and high vacancy rates for other cadres - 215 pharmacists (52%) and 3210 nurses and midwives (64%)

Research in Sierra Leone

Our research in Sierra Leone focuses on capacity building partnerships, global surgery and health in post conflict situations. It aims to deliver information that is directly relevant to our capacity building partnership there and to build research capacity in our partner organisations. It includes the following activities.

Joint research teaching

- Delivering research methods teaching collaboratively to UK and Sierra Leonean students, encouraging sharing of learning through joint projects.

Evaluation of capacity building partnerships

- Supporting evaluation of KSLP projects to generate data to drive service improvement
- Evaluate the nature of the partnership itself to generate new learning on health care improvement through capacity building partnerships

Research delivered by KCGH staff in collaboration with academics from across KCL on

- Health in post conflict situations
- Global surgery
- Oral health
- Mental health
- Palliative care

Examples of current research in Sierra Leone:

- the post-conflict evolution of the medical training landscape and of the early careers of medical graduates in Sierra Leone (Aniek Woodward)
- Medical student satisfaction with medical training in Sierra Leone (Danny McLernon-Billows, Sibylle Herzig van Wees, Matthew Wilkinson)

The Institute of Marine Biology – University of Sierra Leone

The Institute of Marine Biology and Oceanography, founded in 1966, affiliated with Fourah Bay College of the University of Sierra Leone at Freetown. The college itself, founded in 1827 by the Church Missionary Society, has faculties of engineering and pure and applied sciences and an institute of marine biology and oceanography. Also part of the university is Njala University College (founded in 1964), which has faculties of agriculture and environmental sciences, and the College of

Medicine and Allied Health Sciences (founded in 1987). In 1987–97, science and engineering students accounted for 17% of college and university enrollments. A paramedical school in Bo operates with funds from the government and the European community. The Ministry of Mines has a geological survey division to locate mineral deposits and advise on all matters relating to the earth. The Sierra Leone Medical and Dental Association, founded in 1961, is headquartered in Freetown.

<http://www.nationsencyclopedia.com/Africa/Sierra-Leone-SCIENCE-AND-TECHNOLOGY.html>

Sierra Leone Journal of Biomedical Research

<http://www.sljbr.org/index.php/sjbmr>

Sierra Leone Pharmaceutical Company

<http://sierraleonepharmaco.com/management>

UNESCO – Sierra Leone

<http://www.unesco.org/new/en/communication-and-information/portals-and-platforms/goap/access-by-region/africa/sierra-leone/>

University of Makeni

<http://unimak.edu.sl/wordpress/archives/1305>

UNESCO – Marine Biology Report – 1968

<http://unesdoc.unesco.org/images/0000/000087/008752EB.pdf>

Biomed Institute

<http://www.mamaye.org/sites/default/files/evidence/HBIOMED-SL%205th%20symposium%20REPORT%20FINAL.pdf>

Lassa Fever

<http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0002748>

Fishing Statistics – 2011

<http://www.unuftp.is/static/fellows/document/sellu2011prf.pdf>

Report on Marine Biology

<http://www.fao.org/docrep/003/R9003E/R9003E00.HTM>

Laboratory

<https://globalbiodefense.com/2014/12/16/mriglobal-deploy-mobile-labs-sierra-leone/>

Ebola Virus Transmission

<https://www.ncbi.nlm.nih.gov/pubmed/26091036>

Ebola

<http://www.who.int/mediacentre/factsheets/fs103/en/>

John