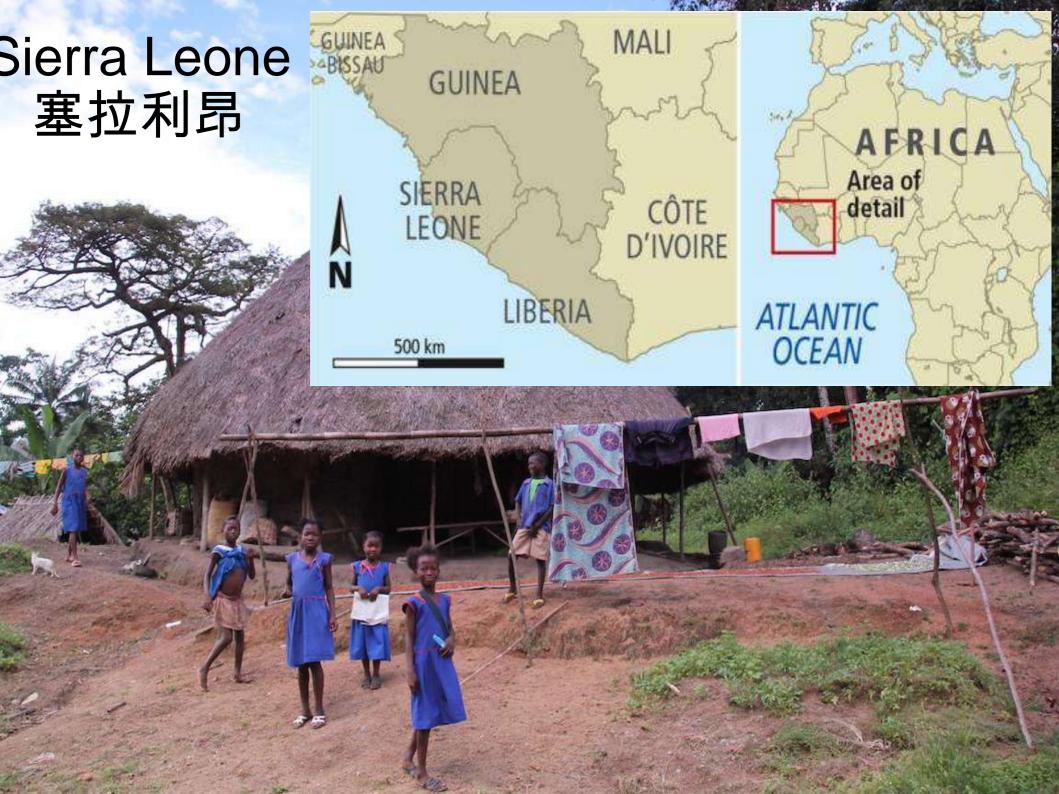
Fighting Ebola 蔡文力 Ed Choi King's Sierra Leone Partnership









獅子山 vs 獅子山





人口: 7M 6M

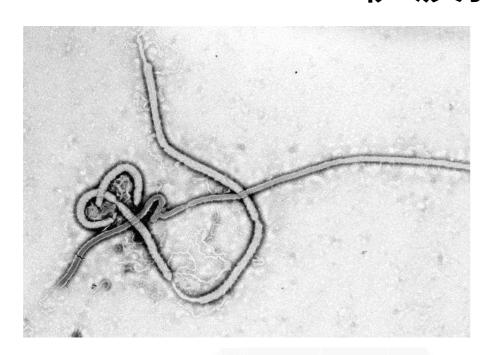
醫生: 13000 120

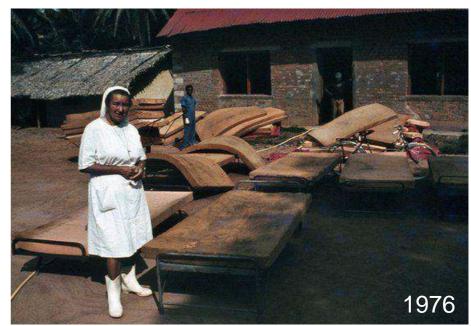
平均壽命: 81-86 46

兒童死亡率: 0.17% 50%

赤貧: 14% 70%

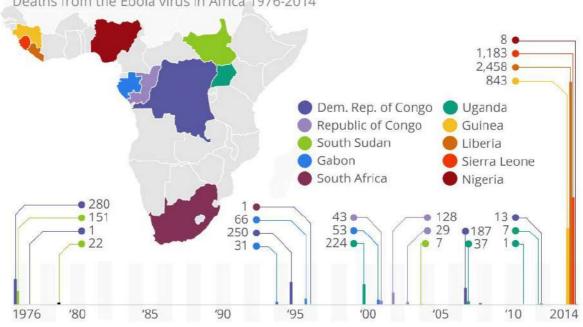
伊波拉病毒





Africa's Ebola Epidemics Since 1976







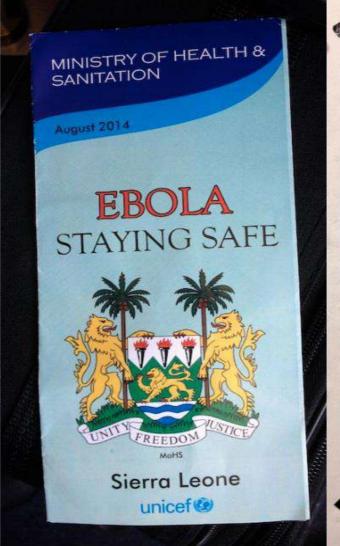
Timeline

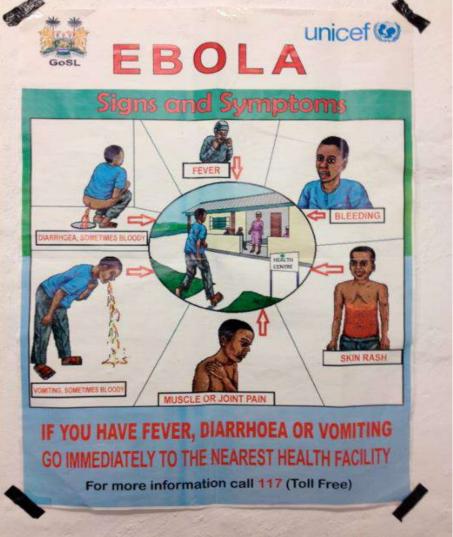
疫苗: 黃熱病, 麻疹, 霍亂, 白喉, 破傷風,傷寒, 小兒麻痹症, 型肝炎, 乙型肝炎, 瘋狗症, 肺結核, 流感

2014

2015

Late October:





2016





International Coordination



Regional Coordination







Treatment Centers





Diagnostic Lab







Road blocks & Check points



Surveillance & Contact Tracing





Safe & Dignified Burial



Social Mobilization

District Ebola Response Centre 伊波拉認變中心



Ebola case



Check point



Missing contacts





Quarantine Houses





New mattress

應變設施



Holding Center 拘留中心



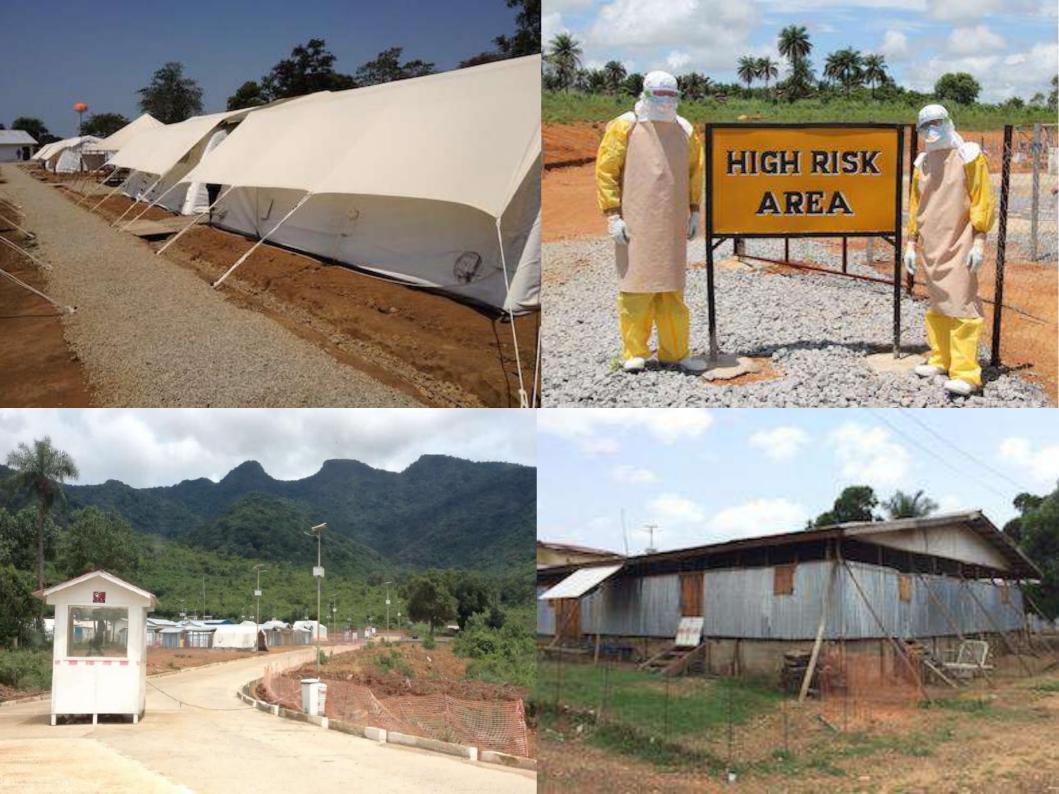
Permanent P3 Lab 實驗室



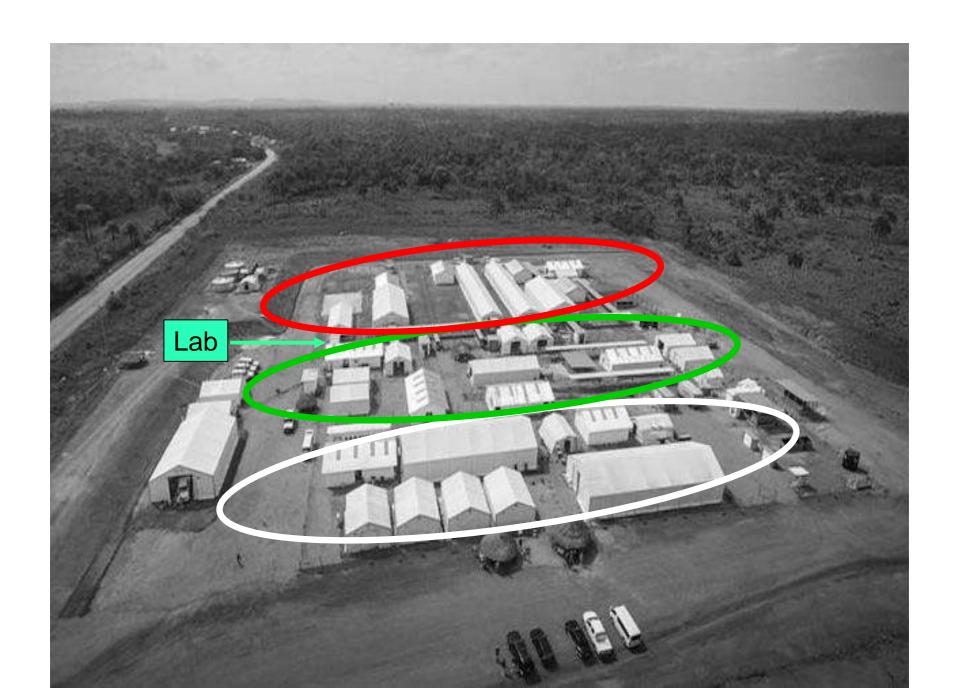
Treatment Center 醫療中心



Mobile Lab 流動實驗室



Makeni 伊波拉醫療中心



Entering



Hand wash, Temperature







"The heat was exceptional. I almost drowned in sweat a number of times. I had to swallow my own sweat to avoid passing out." - Dr Ken Soy

What we do

Diagnostics:

Ebola testing 伊波拉病毒測試:



Live patients 病患者 Diseased patients 死屍 Survivor semen testing 生還者



Malaria 瘧疾& Dengue 登革熱 GI & Respiratory panels 腸胃炎, 氣管炎 Biochemistry & Haematology 驗血

Clinical trials: 藥物臨床試驗



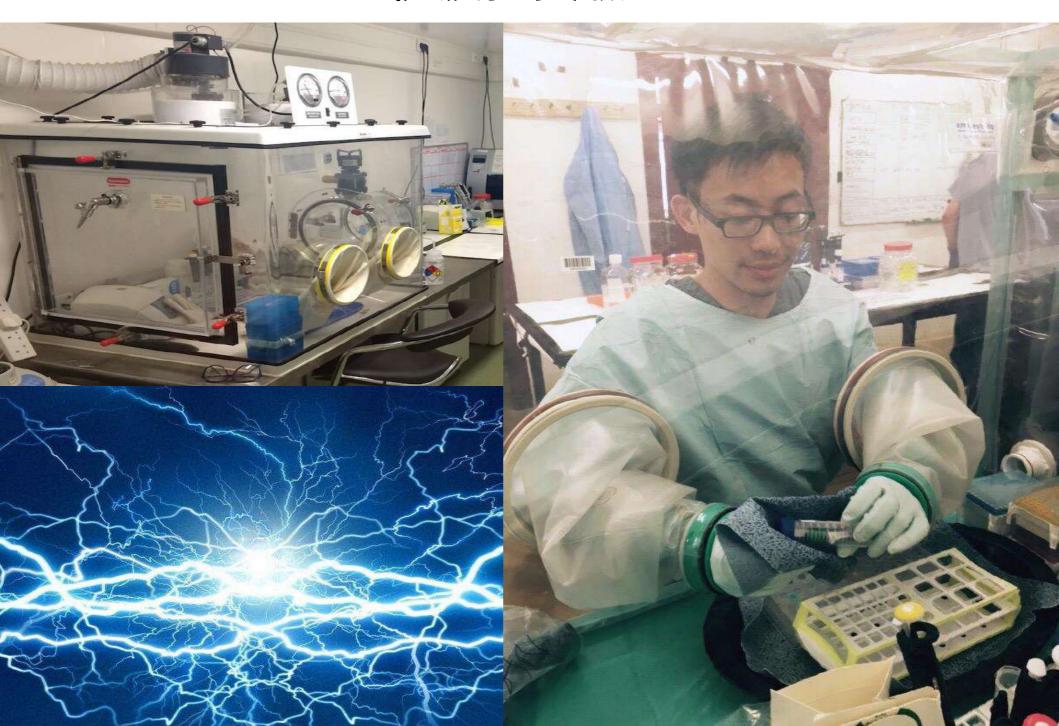








伊波拉實驗室





* 病毒監控

* 専業培訓







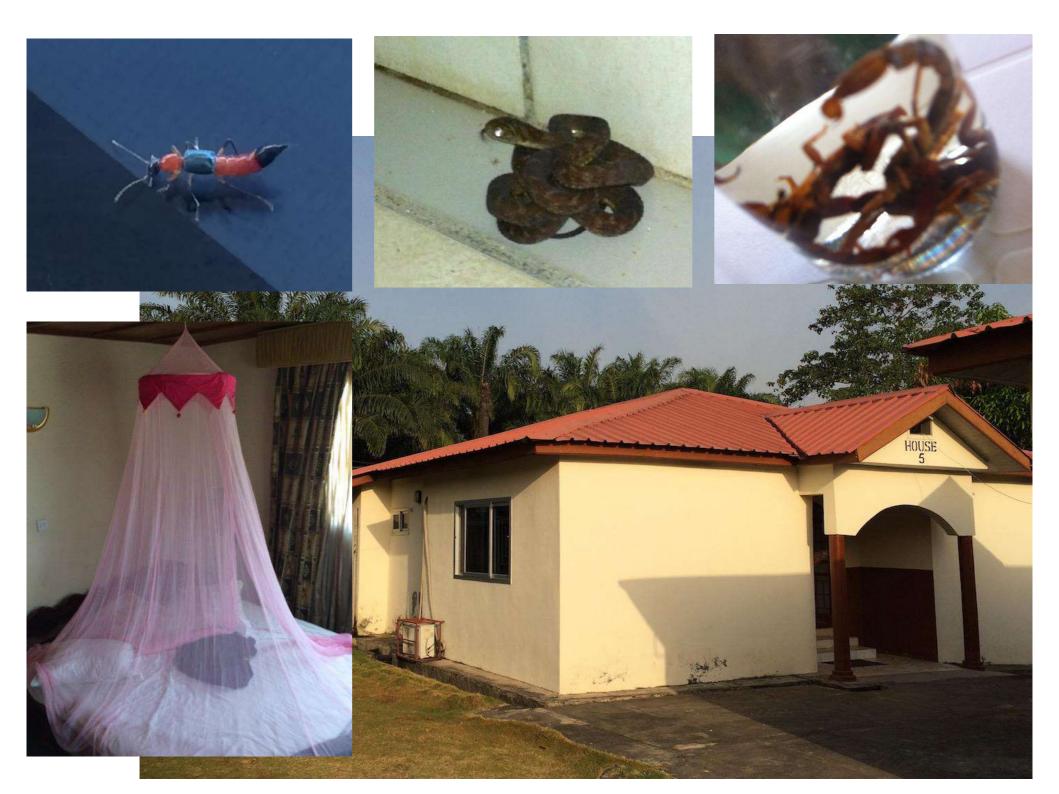




Sierra Leone - Beyond Imagination



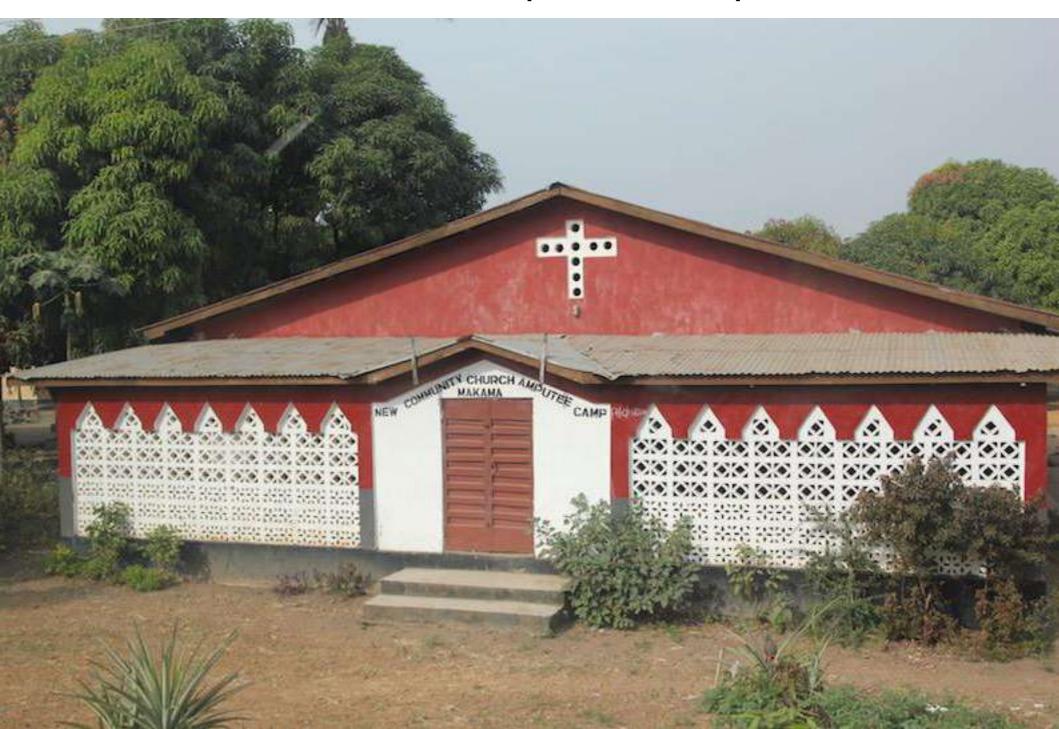








Makama Amputee Camp



No, it's not okay to ask me what happened ... but I will tell you.



Sierra Leone Civil War 1991-2002



"People have power in their hands"

What Sierra Leone needs?



The Problem

The People

The Solution



3D Printing



A Global Network Of Passionate Volunteers Using 3D Printing To Give The World A "Helping Hand."

HOME FEATURED STORIES

THE RAPTOR RELOADED

BLOG

ABOUT

GET INVOLVED

enablingthefuture.org

RESOURCES

HAND DEVICES FA

C

WHICH DESIGN?

WRIST POWERED

ELBOW POWERED

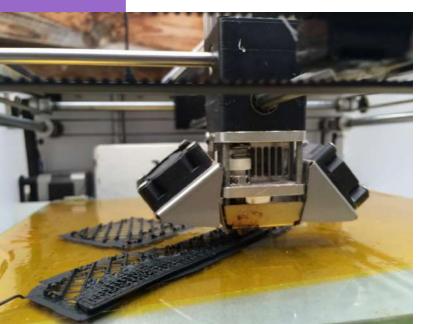
SINGLE FINGER

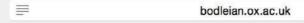
The Raptor Hand

Talon Hand



The team behind the original Raptor has released the Raptor Reloaded, an updated and re-factored version of the Raptor Hand. The en modeled in Fusion 360, a free CAD tool that can import and export most standard solid body modeling formats such as STEP and IGES. in a tool compatible with numerous CAD packages, we hope to lower the barrier to contribution to the e-NABLE project for engineers and if a designer wanted to make a small adjustment to a part of a hand, they'd have to rebuild the entire part in their CAD software before th change. Now they can download the source files and just spend their time making the specific change they had in mind. With this new shope to improve the pace of research and development within the design community.















Bodleian Libraries

Home Ask a librarian Accessibility Site map Contact

Website Catalogue (SOLO)

Search this site

SUBJECTS & LIBRARIES

FINDING RESOURCES

USING OUR LIBRARIES

WHAT'S ON

GET INVOLVED

OUR WORK

ABOUT US

Home » 3D printed prosthetic hands created at the Radcliffe Science Library

f Share









3D printed prosthetic hands created at the Radcliffe Science

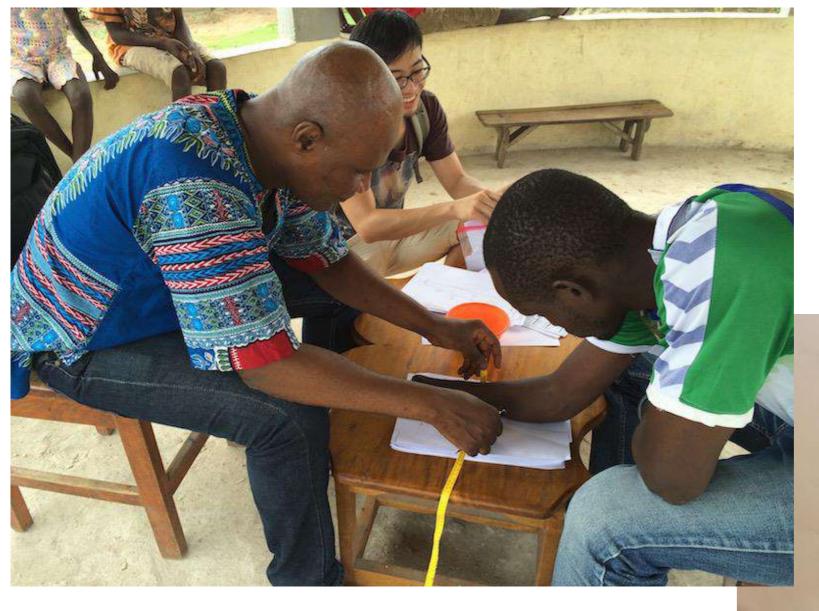
Library

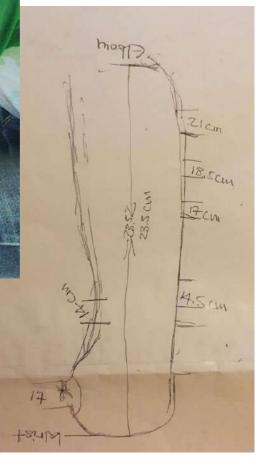
4 March 2016



Contact Richard Smith for more details

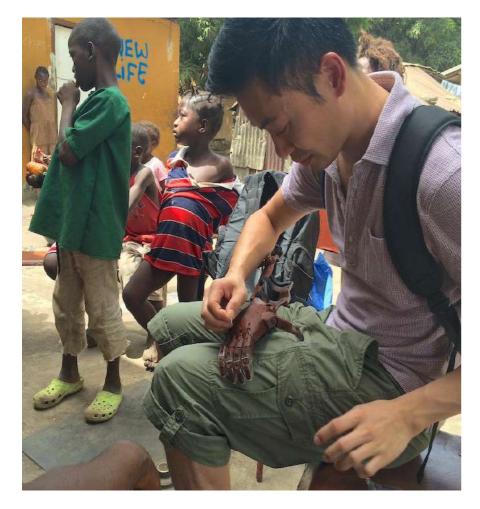
The Bodleian Libraries Radcliffe Science Library (RSL) has been involved in an exciting and innovative project with the Department for Infectious Diseases and Tropical Medicine at Churchill Hospital. Ed Choi, a researcher in the department has been using the RSL's 3D printers to create 3D prosthetic hands, downloaded from Enabling the Future, to show to charities in Sierra Leone for potential use for people who have lost limbs due to the civil war and the blood diamonds trade.

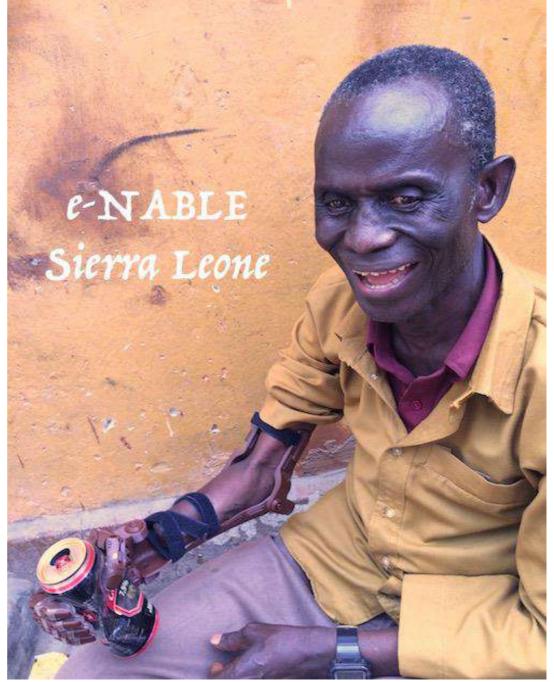














No electricity

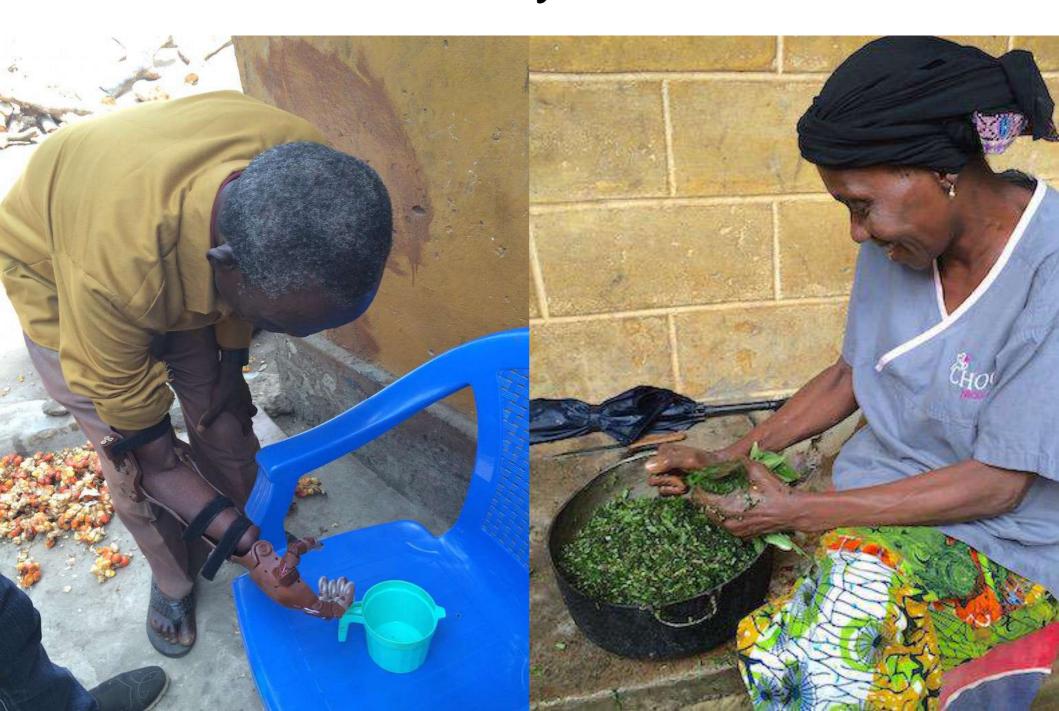
No running water



Colour – not a trivial issue



What do they use it for?







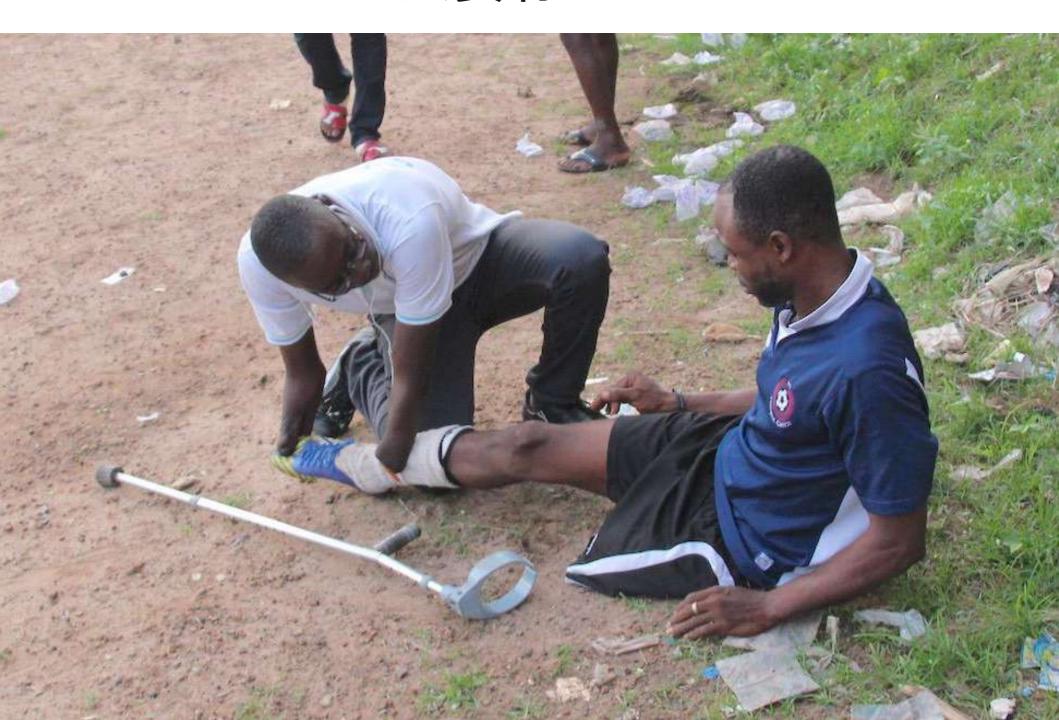
單腳足球隊



...我都做得到!



只要有心...





鳴謝

All Ebola volunteers and survivors

國際青年商會 JCI, Hong Kong e-NABLE online volunteer network Hong Kong Maker Club 宣道會陳朱素華紀念中學

Sponsored by:



立體意念打印與設備服務(香港)公司

idea 3D Printing and Equipment Services (Hong Kong) Company





