

THE PETRI DISH

FLEMING

FUND

—Contact Megan.Howe@mottmac.com with any feedback —

EDITOR'S NOTE

Megan Howe

Welcome to a new format of the Petri Dish. We've made some changes to our newsletter as the programme continues to grow and expand. I'll continue to provide programme progress updates, stories from the field and introduce our fellows.

I've added Country and Regional Grants to our "Fellowship Directory" and added an editorials section for longer pieces. I'd like to publish pieces here from our grantees and fellows so please contribute stories around programme progress, what you've learned or any of our programme principals: One Health, Alignment, Sustainability & Country Ownership.

Send me your contributions [here](#).

TEAM NEWS

Fleming Fund wide updates and announcements

Our team would like to say thanks to Andy Leigh, formerly Mott MacDonald's Fleming Fund Programme Director, who has moved on to a senior role in the organisation. Here's a final word from Andy:

"When I look back over the last 2.5 years I've spent as Programme Director, my main reflection is – look how far we've come together. In less than three years we've begun work in 24 countries and delivered nearly 40 grants across our programming streams. Thank you, to all our partners, grantees, the Department of Health and Social Care and to the Mott MacDonald team, for the work we've accomplished together. I'm delighted to hand over to my colleague Steve Wilson, who has been a part of the Fleming Fund from the outset and who I know will do an excellent job leading the programme in the future."

Steve Wilson, who has been involved with the programme since the proposal stage, will now take the role as Programme Director. Here's more from Steve:

"I have worked as a generalist in International Development for more than 20 years, starting in the Health sector in 1997. Having 'cut my teeth' in project management in Asia, particularly Bangladesh, I then undertook a number of corporate services roles before running the Health division between 2013-2017.

One of my proudest moments was the team being awarded the Fleming Fund contract, given the importance of AMR and its emergence as a serious global issue. I have overseen the Programme ever since and I'm very much looking forward to being involved in more hands-on capacity in my new role."

EDITORIALS

UPDATES

The 2nd SADC Joint Technical Committee Meeting on AMR

Supported by FAO, OIE and WHO, the meeting will discuss the draft AMR Regional Framework/Strategy for Southern Africa. The dates are 9 – 11 December 2019 in Johannesburg, South Africa. The Direct Contact at SADC for this event is Dr. Gaolathe Thobokwe gthobokwe@sadc.int.

One Health Congress Edinburgh, UK, June 14-18, 2020

Several Fellows and mentors will attend the World One Health Congress or will submit abstracts. Remember that attendance at this conference can be included in Fellows work plans under activity B.2. If Fellows have already completed work plan activities and have not yet specified a conference in B.2, please look at including the World One Health Congress. You can ask your regional Fellowship Scheme Officer for advice.

Nigeria, Building the Ship against AMR as they Sail It by Emmanuel Benyeogor AMR Surveillance, Human Health Fellow, Nigeria

Four Nigerian fellows made a trip to Denmark earlier this month for a four-week training course provided by our Host Institution, Technical University of Denmark. For many of us the, biggest surprise was coping with the cold, with temperatures averaging 5°C accompanied by a strong wind off the sea.

During the third week of training, we recorded and produced short videos to commemorate World Antimicrobial Awareness Week tagged with the slogan “The Future of AMR Depends on Us All”.

Back at home, in Nigeria, the Government and several partner organisations held a host of activities highlighting the dangers of antibiotic resistance. Activities included an awareness walk, media training, social media posts and tweet chats using #AfricaWAAW and #NAAW, school, abattoir and meet market visits and the AMR Guardian Pledge website launch. The Guardian Pledge encourages farmers, citizens, doctors and educators to make a pledge to use antibiotics wisely.

Although the Antimicrobial Awareness Week has passed, we keep pushing despite the odds to prevent and control antimicrobial resistance. We are building the ship while sailing it. The future of antibiotics depends on us all. Let us become engaged today so we can see real change happen.

FAQS

Send us your FAQs on the Fleming Fund

Why do we focus on surveillance?

We believe data provides the power to tackle AMR. Data from national laboratories helps build a global picture of how AMR is spreading and where it poses the greatest risk. Analysis of data from laboratories also helps provide better treatment for sick patients and inform national health policies.

What is One Health?

According to the Tripartite (WHO, FAO, OIE), a “One Health” approach to public health is a response where multiple sectors (human health, animal health and environmental health) communicate and collaborate to achieve better public health outcomes. Because resistant bacteria can be freely transferred between humans, animals and the environment, a holistic response is needed to combat AMR.

[Subscribe to our quarterly Technical Bulletin for more information on One Health. The next edition comes out next month!](#)

THE FELLOWSHIP SCHEME

FELLOWSHIP TRACKER

Where are we now?

	Host Inst. Assigned	Applications Open	Fellows Selected	Workshop Completed
Bangladesh				
Bhutan				
Burkina Faso				
ESwatini				
Ghana				
India				
Indonesia				
Kenya				
Laos				
Malawi				
Nepal				
Nigeria				
Pakistan				
Papua New Guinea				
Senegal				
Sri Lanka				
Tanzania				
Timor- Leste				
Uganda				
Vietnam				
Zambia				
Zimbabwe				

THE FELLOWSHIP SCHEME

NEW JOINERS

Who's new to the Fleming Fellowship Scheme



ANTONIO SALLES

Laboratory, Human Health

I work as a microbiology scientist at the Department of Pathological and Clinical Microbiology of National Health Laboratory of Timor-Leste. I graduated as a Bachelor of Science in Medical Technology at the Mahidol University of Thailand in 2017. I've been working on AMR since my final year of University, where my term paper was about detecting the Carbapenemase gene in *Acinetobacter baumannii* and *Pseudomonas* spp. in a hospital in Thailand.



NATALINO FELIPE

Laboratory, Animal Health

I am Natalino de Jesus Filipe. I work as technician in the veterinary laboratory department at the Ministry of Agriculture and Fisheries in Dili, Timor-Leste. I have a Bachelor of Sciences in Animal Husbandry and am responsible for analysing bacteriology samples from animals in the parasitology unit.



FREDERICO AMARAL

AMR Surveillance, Animal Health

I've been working as a veterinarian in the Ministry of Agriculture and Fisheries since October 2015. I am responsible for controlling the drugs in the clinic and supporting other departments with sample collections and surveys. I also help communities or farmers that need veterinary assistance on their farms and want to avoid using too many antibiotics.

MARIA ANGELA VERLA NIHA

AMU Surveillance, Human Health
Surveillance Department, Ministry of Health

VIRGINIA DE LOURDES DA CONCEICAO

AMR Laboratory, Human Health
National Health Laboratory, Ministry of Health

AGATA DO ESPIRITO SANTO SOARES

AMU Surveillance, Human Health
National Hospital of Guido Valadares (NHGV)

SUZANA SOARES HENDRIQUES

AMU Surveillance, Human Health
Directorate, Pharmacy and Medicine, Ministry of Health

THE COUNTRY GRANTS

COUNTRY GRANTS TRACKER

Where are we now?

	RFP De-veloped	Appli-cations Open	Appli-cation Review	Grant Ne-gotiation & Sign
Bangladesh				
Bhutan				
Burkina Faso				
Eswatini				
Ghana				
India				
Indonesia				
Kenya				
Laos				
Malawi				
Myanmar				
Nepal				
Nigeria				
Pakistan				
Papua New Guinea				
Senegal				
Sierra Leone				
Sri Lanka				
Tanzania				
Timor- Leste				
Uganda				
Vietnam				
Zambia				
Zimbabwe				

NEW JOINERS

Who's new to the Country Grant Programme

INDONESIA

LEAD GRANTEE: DAI

Implementing Partners: Ausvet, Health Security Partners, Eijkman Institute for Molecular Biology, Liverpool School of Tropical Medicine

THE REGIONAL GRANTS

REGIONAL GRANTS TRACKER

Where are we now?

	RFP De-veloped	Appli-cations Open	Appli-cation Review	Grant Ne-gotiation & Sign
ROUND 1				
Grant 1				
Grant 2				
Grant 3				
Grant 4				
ROUND 2				
Grant 1				
Grant 2				
Grant 3				
Grant 4				
Grant 5				
Grant 8				

NEW JOINERS

Who's new to the Regional Grants Programme

No new joiners this month.

REGIONAL GRANTS

ROUND 1

1) Collection of Historical Data East & Southern Africa

2) Collection of Historical Data West Africa

3) Collection of Historical Data South East Asia

4) Collection of Historical Data South Asia

ROUND 2

1) External Quality Assurance Africa

2) External Quality Assurance Asia

3) Common Surveillance Protocols Global

4) Microbiology & Epidemiology Training Historical Data Global

5) Planning, Policy & Advocacy Global

8) Whole Genome Sequencing Training Africa

HOST INSTITUTION DIRECTORY

Host Institutions	Regions					Expertise				
	WA	EA	SA	SE	HL	AL	HS	AS	HU	AU
University of Edinburgh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oxford University, Clinical Research Unit				✓	✓	✓	✓	✓	✓	✓
National Institute for Communicable Diseases	✓	✓			✓	✓	✓	✓	✓	✓
Technical University of Denmark, National Food Institute	✓	✓	✓	✓		✓	✓	✓		✓
The University of Hong Kong, School of Public Health				✓	✓	✓	✓	✓	✓	✓
Fondation Merieux	✓				✓	✓	✓	✓	✓	✓
London School of Hygiene & Tropical Medicine	✓	✓	✓	✓	✓		✓		✓	✓
Erasmus University Medical Centre			✓	✓	✓	✓	✓	✓	✓	✓
The Peter Doherty Institute of Infection & Immunity	✓		✓	✓	✓	✓	✓	✓	✓	✓
Brigham & Women's Hospital (WHONET)	✓	✓	✓	✓	✓		✓	✓	✓	
American Society for Microbiology	✓	✓	✓	✓	✓	✓	✓	✓		
Mahidol University			✓	✓	✓	✓	✓	✓	✓	✓
International Livestock Research Institute	✓	✓	✓	✓		✓		✓	✓	✓
African Society for Laboratory Medicine	✓	✓			✓	✓	✓	✓	✓	✓
Aga Khan University		✓	✓		✓		✓			
Public Health England	✓	✓	✓	✓	✓		✓		✓	
Association Pasteur International Network	✓	✓		✓	✓	✓	✓		✓	✓

REGIONS

SE - South East Asia Laos, Vietnam, Pakistan, Timor-Leste, Papua New Guinea

SA - South Asia: Nepal, Bhutan, India, Sri Lanka, Indonesia, Bangladesh

EA - East and Southern Africa: Uganda, Tanzania, Kenya, Zambia, Malawi, Eswatini, Zimbabwe

WA - West Africa: Ghana, Nigeria, Sierra Leone, Senegal, Burkina Faso

SECTOR EXPERTISE

HL - Laboratory, Human Health

AL - Laboratory, Animal Health

HS - AMR Surveillance, Human Health

AH - AMR Surveillance, Animal Health

HU - AMU Surveillance, Human Health

AU - AMU Surveillance, Animal Health

The Fleming Fund is a £265 million UK aid investment to tackle antimicrobial resistance in low- and middle-income countries around the world. The programme is managed by the UK Department of Health and Social Care, in partnership with Mott MacDonald, the Fleming Fund Grant Management Agent.