

# THE PETRI DISH

## FLEMING

## FUND

*BRINGING EVIDENCE AND PEOPLE TOGETHER TO ENCOURAGE ACTION AGAINST DRUG RESISTANCE FOR A HEALTHIER WORLD.*

## EDITOR'S NOTE

**Megan Howe**

Happy 2020 to you all - it's been a great start to our year! We've had a busy month thus far with several grant kick-off meetings across Bangladesh, Papua New Guinea and Senegal.

To our grantees and partners, thank you for your ongoing partnership and collaboration. We are looking forward to new learning opportunities and achievements in 2020 as we partner together to encourage action against drug resistance for a healthier world.

Do you want to see your stories in the Petri Dish?

Send in your contributions to [Megan.Howe@mottmac.com](mailto:Megan.Howe@mottmac.com).

## TEAM NEWS

Fleming Fund wide updates and announcements

### Fellowship Survey Coming Next Month

The M&E team will be running a Fellowship Satisfaction Survey for all Host Institutions, Beneficiary Institutions and Fellows to help improve our programme. All feedback will be anonymous. More information will be sent out soon, but please do look out for these in your mailbox as the surveys are a programme requirement.

### Uganda Fellows begin Collaborative Project

The Ugandan Fellows have begun work on their collaborative projects and have been experimenting with various mobile data collection tools like KoBo Toolbox & KoBo Collect to speed up field work. Thus far it has been working well and speeding up data gathering.

Please do share any new learning or tools with us as we are interested to hear your experiences and share with others!

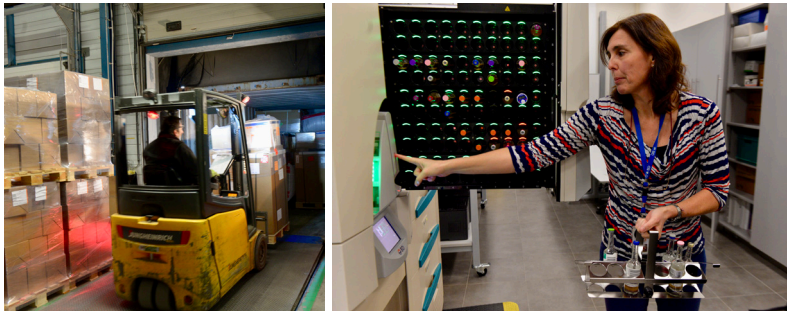
### One Health Congress, Edinburgh, UK, June 14-18, 2020

Several Fellows and mentors will attend the World One Health Congress in June, 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.

# EDITORIALS

## STORIES

New laboratory equipment set off from Belgium in December and has arrived in Uganda and Ghana, where it will be transported to reference laboratories and surveillance sites. Establishing laboratory capacity is one of the Fleming Fund's core activities and we are excited to welcome the arrival of these initial shipments. Next month, our equipment suppliers will train laboratory staff and grantees to use the new machines which we believe will better equip countries to collect and use AMR data.



(L) Equipment is loaded onto shipping containers. (R) Equipment demo takes place in Belgium at BD's training facility.

Seven beneficiaries from Nigeria, South Africa and Tanzania attended an advanced bio-informatics training in Denmark this month to learn about bio-informatics tools and Whole Genome Sequencing (WGS) data analysis. The training was aimed at preparing participants for the large volume of WGS data that will be generated in the coming months. Trainees were positive about the outcomes and are looking forward to applying this information back at home. Many of them are on track to become experts in bio-informatics within their home countries and across the continent.

*Training for grant beneficiaries in Denmark on Advanced Bio-informatics.*



## FAQS

Send us your FAQs on the Fleming Fund

### What are the Fleming Fund's Aims?

- **Building partnerships** across sectors, governments and organisations
- **Equipping countries to collect and use data** on drug resistance
- Encouraging clinicians and farmers to **use antibiotics better**
- Encouraging governments to **invest in tackling AMR for a sustainable future**
- Encouraging policy makers to **make AMR a policy priority**

### What are the Fleming Fund's Core Activities?

- Supporting strong national AMR governance
- Developing AM workforce technical capacity
- Establishing laboratory capacity and surveillance systems
- Improving awareness & understanding of AMR
- Establishing global solidarity and consensus on AMR

# THE FELLOWSHIP SCHEME

## FELLOWSHIP SCHEME TRACKER

Where are we now?

	Host Inst. Assigned	Applica-tions Open	Fellows Selected	Workshop Com-pleted
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: SENEGAL

Who's new to the Fleming Fellowship Scheme



### ALPHA AMADOU DIALLO

#### Laboratory, Animal Health

I am Dr Alpha Amadou Diallo DMV, MSc, PhD and head of the Diagnosis and Analysis Unit at the National Laboratory of Livestock and Veterinary Research in Senegal. My work focuses on confirming disease outbreaks and on surveillance of AMR in the animal sector. I am member of the national AMR working group and the Ministry of Agriculture's AMR focal person.



### AISSATOU AHMET NIANG

#### Laboratory, Animal Health

I am a Senegalese, Pharmacist Biologist Assistant at the Faculty of Medicine, Pharmacy and Odontology at the University Cheikh Anta Diop of Dakar. I am also head of the National Network of Laboratories Division at the Laboratories Direction where I coordinate training and supervision activities for the Medical Biology staff.



### BISSOUME SAMBE

#### AMR Laboratory, Food Security and Environment Hygiene

I am a scientist and assistant researcher at Institut Pasteur de Dakar. I have a PhD in Bacteriology-Virology and am working on the surveillance of AMR with a One Health approach. Since 2018, I've been appointed an FAO national expert on AMR. In 2018, I won the Young Researchers Awards on AMR funded by Institut Merieux.

### ANTA DIANGNE

#### AMU Surveillance, Animal Health

Division of Pharmacy and Veterinary Medicine, Ministry of Livestock

### GEROME SAMBOU

#### AMR Surveillance, Animal Health

Directorate of Veterinary Services, Division of Epidemiological Surveillance, Ministry of Livestock

# THE FELLOWSHIP SCHEME

## NEW JOINERS: PAPUA NEW GUINEA

Who's new to the Fleming Fellowship Scheme



### MATTHEW AGIVE

#### AMR Laboratory, Animal Health

I work as a Technical Officer for Microbiology in the National Animal Health & Food Testing Laboratory. I have a Bachelor's Degree in Applied Sciences, Food Science & Technology. I am responsible for conducting microbial analysis on food and water samples. I also perform analysis on animal tissues, animal blood, animal fecal samples, swabs from animals and raw milk.



### GABRIELLA KEPA AK

#### AMR Laboratory, Human Health

I am a general pathologist from Papua New Guinea. My special area of interest in Pathology is Clinical Microbiology. I am a undergraduate microbiology lecturer at the School of Medicine and Health Sciences in the University of Papua New Guinea with clinical attachment to the Port Moresby General Hospital Laboratory.

### JUDITH LIZANNE NUI

#### AMR Advisory Fellowship, Human Health

Pharmaceutical Services Standards Branch, National Department of Health

### TEMAS IKANOFI

#### Laboratory Management, Human Health

The Central Public Health Laboratory, National Department of Health

### SARAH SHALOM TOTONA

#### AMR Surveillance, Human Health

The Central Public Health Laboratory, National Department of Health

### MARJORIE TEHINA ELIJAH BARO

#### AMU/C Surveillance, Human Health

Medical Supplies Procurement and Distribution Branch, National Department of Health

### ELAINE HEVOHO

#### AMR Surveillance, Animal Health

National Agriculture Quarantine & Inspection Authority, Department of Agriculture and Livestock

### DANIEL KELLY

#### AMU/C Surveillance, Animal Health

National Agriculture Quarantine & Inspection Authority, Department of Agriculture and Livestock

# 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

**PAPUA NEW GUINEA**

**LEAD GRANTEE: Burnet Institute**

# THE REGIONAL GRANTS

## REGIONAL GRANTS TRACKER

Where are we now?

	RFP De-veloped	Appli-cations Open	Appli-cation Review	Grant Ne-gotiation & Sign
<b>ROUND 1</b>				
Grant 1				
Grant 2				
Grant 3				
Grant 4				
<b>ROUND 2</b>				
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 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
<a href="#">University of Edinburgh</a>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<a href="#">Oxford University, Clinical Research Unit</a>				✓	✓	✓	✓	✓	✓	✓
<a href="#">National Institute for Communicable Diseases</a>	✓	✓			✓	✓	✓	✓	✓	✓
<a href="#">Technical University of Denmark, National Food Institute</a>	✓	✓	✓	✓		✓	✓	✓		✓
<a href="#">The University of Hong Kong, School of Public Health</a>				✓	✓	✓	✓	✓	✓	✓
<a href="#">Fondation Merieux</a>	✓				✓	✓	✓	✓	✓	✓
<a href="#">London School of Hygiene &amp; Tropical Medicine</a>	✓	✓	✓	✓	✓		✓		✓	✓
<a href="#">Erasmus University Medical Centre</a>			✓	✓	✓	✓	✓	✓	✓	✓
<a href="#">The Peter Doherty Institute of Infection &amp; Immunity</a>	✓		✓	✓	✓	✓	✓	✓	✓	✓
<a href="#">Brigham &amp; Women's Hospital (WHONET)</a>	✓	✓	✓	✓	✓		✓	✓	✓	
<a href="#">American Society for Microbiology</a>	✓	✓	✓	✓	✓	✓	✓	✓		
<a href="#">Mahidol University</a>			✓	✓	✓	✓	✓	✓	✓	✓
<a href="#">International Livestock Research Institute</a>	✓	✓	✓	✓		✓		✓	✓	✓
<a href="#">African Society for Laboratory Medicine</a>	✓	✓			✓	✓	✓	✓	✓	✓
<a href="#">Aga Khan University</a>		✓	✓		✓		✓			
<a href="#">Public Health England</a>	✓	✓	✓	✓	✓		✓		✓	
<a href="#">Association Pasteur International Network</a>	✓	✓		✓	✓	✓	✓		✓	✓
<a href="#">Animal Health and Plant Agency</a>						✓		✓		✓

## 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.