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It's been one year since the first Fellowships were awarded in Ghana and in that time, we have appointed 69 Fellows held 11 workshops. The latest cohorts to be presented to you are from Nigeria and Pakistan. The Nigeria workshop was the largest we have held to date, which resulted in dynamic and productive sessions, with innovative ideas coming from the Fellows. The six Fellows in Pakistan attended their workshop in Islamabad and created some impressive outputs from their time together.

This month is when we receive quarterly reporting from all Fleming Fund grantees, so thanks to everyone for submitting their forms. Over the next few weeks we will look at the workplans in more depth. A common theme that we'll look to address is time management - there is a need to be as realistic as possible during the opening workshop about what is achievable. That aside, there have been some incredible achievements this quarter and it will be a delight to present some of them in our next issue.

We hope that you enjoy this month's contributions and if you would like to send us photographs, short reports or news items, please do so by emailing Megan.Howe@mottmac.com.

Best wishes,

Eileen



Timor-Leste Fellowship Kick Off workshop



“Wonderful to catch up with AMR focal points from Papua New Guinea and Timor-Leste over breakfast in Bangkok, sharing Fleming Fund experiences!” – Anthony Huszar, South East Asia Regional Coordinator.

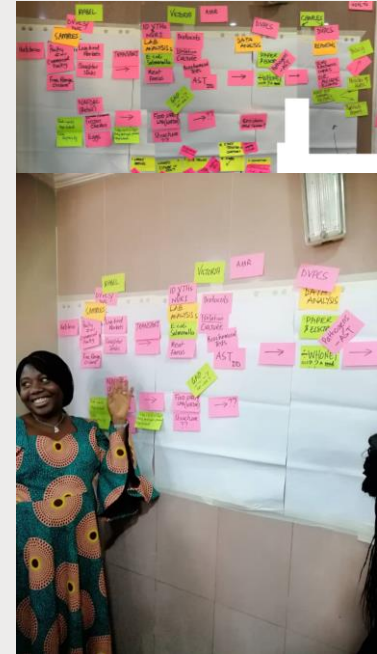
GRANTEE & FELLOWSHIP KICKOFFS

Timor-Leste Fellowship Workshop
Sri Lanka Fellowship Workshop

TEAM NEWS

WORLD ONE HEALTH CONGRESS Edinburgh, UK 14-18 June 2010

Quite a few Fellows and mentors have said they will be attending the [World One Health](#) Congress in Scotland in June 2020, some may also be submitting abstracts. For mentors who will be holding a workshop in the next few months, do remember that you can include attendance at this conference in your Fellow’s workplan under activity B.2 (Networking with others in AMR and AMU beyond the Fellow’s country). If your Fellows have already completed their workplan activities and have not yet specified a conference at B.2, please look at including the World One Health Congress. You can ask your regional Fellowship Scheme Officer for advice.



Nigeria Fellowship Workshop

AMR IN THE NEWS

University of Strathclyde: [Scientists developing test to detect antibiotic resistance in less than 45 minutes](#)

The Telegraph: [Antibiotic resistance has trebled among animals in developing countries since 2000, report warns](#)

The BBC: [Bacterial 'striptease' evades antibiotics](#)

M&E Results Analyst London



What is the best part of your job?

The constant learning! I really enjoy the team effort involved in a programme this large and complex. It feels like I am frequently talking with experts from different disciplines and countries and could be learning about the politics of a country in one moment and lab techniques the next.

What's your favourite place in the world?

This is too hard, so I have to pick two. South Africa is a special country to me as I lived there for a brief time during my PhD days... and more recently, Portugal has become another one of my favourite places to explore and get outdoors, so now that feels a bit like home too.

Where would you would like to visit?

All of the Fleming Fund countries of course 😊

I think it would be fascinating to see more of eastern Europe, go to the hot springs in Iceland, visit the Galapagos islands in South America.. trust me, the list goes on...

What's your favourite food?

I'm vegetarian and I love to share food – so I'd say probably Indian food.. or just a whole mezze platter of vegetables and dips.

Nigeria & Pakistan Fellows



IDOWU .O. FAGBAMILA
AMR Laboratory, Animal Health

I am Idowu Oluwabunmi Fagbamila, DVM, MSc, PhD, FCVSN. I am a Chief Veterinary Research Officer at the National Veterinary Research Institute, Vom. As a Research Officer, I have been involved with research on antimicrobial residues in meat and other animal products. As a visiting lecturer at the Department of Veterinary Microbiology, Faculty of Veterinary Medicine, University of Jos, I am responsible for teaching and carrying out basic research on bacterial pathogens, bacterial growth and isolation, food and water microbiology, control of microbial growth, AMR and microbiological determination of residues in food.

In partnership with:



ABIODUN EGWUENU
AMR Surveillance, Human Health
Works at the Nigeria Centre for Disease Control.

MUHAMMAD ATHAR ABBAS
AMR Surveillance, Animal Health
Works at the National Reference Laboratory for Poultry Diseases in Pakistan.

NAILA SIDDIQUE
AMU Surveillance, Animal Health
Works at the National Reference Laboratory for Poultry Diseases in Pakistan.

Ayesha Zaman, AMR Lab Fellowship Human Health

I am Ayesha Zaman. I've worked as Assistant Scientific Officer in the Microbiology Department, Public Health Labs Division, National Institute of Health for 8 years. I have Master in Environmental Sciences with Microbiology & Molecular Biology majors. I am trained in LQMS and External Quality Assurance Program Management (EQAS form CPHL Oman) and assigned to work in the Microbiology National External Quality Assurance Scheme, which is a National EQA scheme in Pakistan for antimicrobial susceptibility testing.



In partnership with:





Muhammad Javed Arshed
AMR Laboratory, Animal Health

I am the Senior Scientific Officer at the National Veterinary Laboratories (National Reference Laboratory for Livestock Diseases), Ministry of National Food Security & Research, Government of Pakistan, Islamabad. I am a veterinarian and completed a PhD in Veterinary Microbiology. As a National Focal Person on AMR in Veterinary Sector, I am responsible for coordinating the implementation of AMR/AMU related activities in Pakistan.

In partnership with:



**AMERICAN
SOCIETY FOR
MICROBIOLOGY**



TANVEER AHMED KHAN
AMU Surveillance, Human Health

I am Tanveer Ahmed Khan. I work as a Scientific Officer in the Drugs Control and Traditional Medicines Division, National Institute of Health, Pakistan. I have MPhil in Pharmacology. I also act as a laboratory supervisor of narcotics/psychotropic testing lab and pharmacology laboratories. I have sixteen research publications in various international peer reviewed journals. Being a pharmacologist, my area of interest is pharmacovigilance and the optimal use of antimicrobials.



ZURVA ASHRAF
AMR Surveillance, Human Health

I work as Scientific Officer at the department of Public Health Laboratories Division, National Institute of Health Pakistan. The microbiology lab of NIH is the national AMR reference lab of Pakistan and is involved in countrywide surveillance projects. I am mainly working on the surveillance projects for AMR (GLASS, Tricycle ESBL *E. coli* project, Environmental surveillance for XDR *S. Typhi*). Apart from these projects, I am also work in coordination with the Field Epidemiology and Disease Surveillance Division of NIH to handle and manage data from epidemic and outbreak samples.

Fellowship Tracker



	Host Institution Assigned	Fellowship Applications Open	Fellows Selected	Workshop Completed
Ghana	Completed	Completed	Completed	Completed
Bangladesh	In-progress			
Bhutan	Completed	Completed	Completed	Completed
Burkina Faso	Completed	In-progress		
ESwatini				
India				
Indonesia	Completed	Completed		
Kenya	In-progress			
Laos	Completed	Completed	Completed	Completed
Malawi	Completed	Completed		
Nepal	Completed	Completed	Completed	Completed
Nigeria	Completed	Completed	Completed	Completed

	Host Institution Assigned	Fellowship Applications Open	Fellows Selected	Workshop Completed
Pakistan	Completed	Completed	Completed	Completed
Papua New Guinea	Completed	Completed		
Senegal	Completed	Completed	Completed	
Sri Lanka	Completed	Completed	Completed	Completed
Tanzania	Completed	Completed	Completed	Completed
Timor-Leste	Completed	Completed	Completed	Completed
Uganda	Completed	Completed	Completed	Completed
Vietnam	Completed	Completed	Completed	Completed
Zambia	Completed	Completed		
Zimbabwe				

Completed 

In-progress 

Country Grants Tracker



	RFP Developed & Published	Applications Open	Application Review	Grant Negotiation & Sign
Ghana	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Bangladesh	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Bhutan	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Burkina Faso	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
ESwatini	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
India	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Indonesia	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Kenya	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Laos	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Malawi	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Myanmar	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Nepal	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress

	RFP Developed & Published	Applications Open	Application Review	Grant Negotiation & Sign
Nigeria	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Pakistan	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Papua New Guinea	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Senegal	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Sierra Leone	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Sri Lanka	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Tanzania	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Timor-Leste	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Uganda	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Vietnam	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Zambia	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress
Zimbabwe	Completed or in-progress	Completed or in-progress	Completed or in-progress	Completed or in-progress

Completed or in-progress



GLASS Submission in Nepal



Fleming Fund News Bulletin - Issue 11



Nepal received grant funding in 2018 to strengthen its AMR surveillance system as a Fleming Fund early investment country. Since the award, Nepal has exponentially improved its data collection and reporting systems, locally, nationally and on a global scale.

The Fleming Fund encourages all countries to report antimicrobial resistance data to national reference laboratories which then are encouraged to report this data into the WHO's Global Surveillance System (GLASS). GLASS was established in 2015 and aggregates AMR data on a global scale to help inform and improve AMR decision making and policy making for global action.

Nepal began reporting to GLASS in 2017, with only a single laboratory reporting data. Although there are 22 laboratories in Nepal's national AMR surveillance network, data from other sites was difficult to gather.

However, in 2018, data from 15 surveillance sites was reported into GLASS. Many of these sites were directly supported by Fleming Fund grant funding. Seven sites reported both positive (bacteria found) and negative (no bacteria found) testing results, while the remaining eight sites reported only positive tests.

In total over 82,000 results were reported by Nepal into GLASS, with over 72,000 of those from Fleming Fund supported sites. Nepal also reported on all four of the priority sample types (blood, stool, urine and genital swabs) and the eight priority bacteria types listed in GLASS. Through the collaboration and hard work of many stakeholders, the Fleming Fund is having a tangible, visible impact on AMR surveillance systems around the world.



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Regional Grants Tracker



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Round 1	RFP Developed & Published	Applications Open	Application Review	Grant Negotiation & Sign
Collection of Historical Data (East & Southern Africa)				
Collection of Historical Data (West Africa)				
Collection of Historical Data (South East Asia)				
Collection of Historical Data (South Asia)				
Round 2	RFP Developed & Published	Applications Open	Application Review	Grant Negotiation & Sign
External Quality Assurance (Africa)				
External Quality Assurance (Asia)				
Common Surveillance Protocols				
Microbiology & Epidemiology Training				
Planning, Policy & Advocacy				
Country level Capacity Building in Whole Genome Sequencing				

Completed or in-progress



Host Institutions Directory



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

Host institution	Regions				Sector 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	✓	✓	✓	✓		✓	✓	✓		✓
School of Public Health, The University of Hong Kong				✓	✓	✓	✓	✓	✓	✓
Fondation Merieux	✓				✓	✓	✓	✓	✓	✓
London School of Hygiene and Tropical Medicine	✓	✓	✓	✓	✓		✓		✓	✓
Erasmus University Medical Centre			✓	✓	✓	✓	✓	✓	✓	✓
The Peter Doherty Institute of Infection and Immunity	✓		✓	✓	✓	✓	✓	✓	✓	✓
Brigham and 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	✓	✓		✓	✓	✓	✓		✓	✓

If you'd like to feature in the next bulletin, if you have a story idea or any feedback about this newsletter, please let us know. Contact Megan Howe, Fleming Fund Communication Manager at megan.howe@mottmac.com

For additional information or questions around Fellowships, contact:
FlemingFellowshipScheme@mottmac.com

Visit www.flemingfund.org for more information.

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.