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Welcome to ***The Petri Dish***.

I hope you are enjoying the new style of our newsletter. As it develops you will see additional items appearing such as a list of the Fellows' planning workshops and Grantee kick-off meetings that are taking place during the month. The 'Our News' section also includes links to interesting articles on AMR as well as upcoming courses and conferences.

The Spotlight this month introduces one of our two new Fellowship Scheme Officers, Phumphet Chetiyononth who is based in South East Asia. Phumphet's first task was to join the Vietnam Fellows' planning workshop in Hanoi at the end of July. It was exciting to spend time getting to know the Fellows and we packed a lot into the event, which was wonderfully social with discussions continuing through dinner and beyond. The Vietnam Fellows have provided short biographies, featured on pp 4-5.

Eileen Chappell



Meeting with one of our grantees, FHI 360 in Vietnam

GRANTEE & FELLOW KICKOFFS

- Nigeria: Fellows' work-planning workshop
- Regional Grant 5 Kick-off Meeting
- Regional Grant 8 Kick-off Meeting
- Zambia: Country grant kick-off
- Kenya: Country grant kick-off

NEWS

A Free Massive Open Online Course on the "**Basics in epidemiology of animal and zoonotic diseases**" is being held in French and English from 4 Nov – 13 Dec, 2019. Click [here](#) for more info.

CDDEP Awards in Antimicrobial Resistance. CDDEP Awards in Antimicrobial Resistance will sponsor two individuals for the best-accepted abstracts addressing AMR in low- or middle-income countries for the 19th International Congress on Infectious Diseases (ICID). The awards consist of reimbursement of travel, accommodation, and registration expenses for the 19th ICID in Kuala Lumpur, February 20-23, 2020. Submit your abstract addressing AMR in LMICs by Oct. 25, 2019. <https://www.icid.isid.org/awards>

AMR IN THE NEWS

- [To Find the Next Antibiotic, Scientists Give Old Drugs a New Purpose](#)
- [Ibuprofen and Other Common Drugs May Help Antibiotic Resistance Spread](#)
- [India Bans Use of “Last Hope” Antibiotic on Farms](#)

Regional Fellowship Scheme Officer South East Asia

I have recently joined Mott MacDonald as Fleming Fund Regional Fellowship Scheme Officer, based in Bangkok, Thailand.

Prior to Mott MacDonald, I was working with the European Civil Protection and Humanitarian Aid Operations (ECHO), managing the EU funded humanitarian response projects in the Pacific Region as well as Laos, Cambodia and Vietnam.

Joining Fleming Fund has been a great opportunity to learn new things, work in a new sector and to make positive impact to the lives of people.

What is the best part of your job?

Connecting with people, particularly fellows from different countries with different cultures and learning new ways of working and processes.

What's your favourite place in the world?

Home. Thailand is my favourite place in the world and it is where my family is.

Where would you would like to visit?

There are parts of the world that I have never visited such as Africa and South America, so they are definitely on my list.

What's your favourite food?

Very difficult to single out any specific food, I love most of the dishes in Thai, Vietnamese and Japanese food.





CHU VAN TUAT
AMR Laboratory, Animal Health

I am Chu Van Tuat, D.V.M, MSc in VPH, and I work at the National Center for Veterinary Hygiene Inspection No1 (NCVHI No1) of DAH-MARD of Vietnam. I am responsible for laboratory work and conducting research in veterinary hygiene, residue and bacteria contamination in meat and animal products and AMU and AMR in animals.



TRUONG LE VAN NGOC
AMR Advisory, Human Health

I am Truong Le Van Ngoc, MD MP, and I work in the Department of Medical Service Administration in Ministry of Health, in Vietnam. The main focus of my work as a Medical Officer is on developing policies, legislation and guidelines on antimicrobial resistance (AMR) and non-communicable diseases.



NGUYEN THI LE QUEYEN
AMR Surveillance, Human Health

I am Quyen Nguyen and I work in Department of Medical Service Administration in Ministry of Health, in Vietnam. As a Preventive Medicine Doctor, I focus on epidemiology and public health research in Antimicrobial Resistance.

In partnership with: **Erasmus MC**
Universitair Medisch Centrum Rotterdam





VO DINH CHUONG
AMR Surveillance, Animal Health

I am Vo Dinh Choung and I work as an epidemiologist at the Department of Animal Health in the Ministry of Agriculture and Rural Development in Vietnam. I have a Doctor of Veterinary Medicine (DVM) from Vietnam National University of Agriculture and an MS Aquaculture from James Cook University. My work focuses on veterinary epidemiology in aquatic and terrestrial animal diseases.

LE THI HUE
AMR Advisory Fellowship, Animal Health

At the Veterinary Drug Management Division, Ministry of Agriculture & Rural Development

NGUYEN THI DIEP
AMU Surveillance, Animal Health

At the Veterinary Drug Management Division, Ministry of Agriculture & Rural Development

In partnership with: **Erasmus MC**
Universitair Medisch Centrum Rotterdam



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	In-progress			
ESwatini				
India				
Indonesia	In-progress			
Kenya				
Laos	Completed	Completed	Completed	Completed
Malawi	In-progress			
Nepal	Completed	Completed	Completed	
Nigeria	Completed	Completed	Completed	Completed

	Host Institution Assigned	Fellowship Applications Open	Fellows Selected	Workshop Completed
Pakistan	Completed	Completed	Completed	
Papua New Guinea	In-progress			
Senegal	In-progress	Completed		
Sri Lanka	In-progress	Completed	In-progress	
Tanzania	Completed	Completed	Completed	
Timor-Leste	Completed	Completed	Completed	In-progress
Uganda	Completed	Completed	Completed	Completed
Vietnam	Completed	Completed	Completed	Completed
Zambia	In-progress			
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		
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		
ESwatini	Completed or in-progress			
India				
Indonesia	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		
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		
Senegal	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	
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



Watipaso Kasambara is the Antimicrobial Resistance Coordinator for Malawi- her role is to bring together the agriculture, animal and human health sectors to fight AMR.



Antimicrobial Resistance in Malawi by Norad is licensed under CC BY-NC-ND 2.0.

I'm a medical microbiologist and was nominated as the AMR coordinator back in 2015. We've been seeing AMR effects in Malawi for a while - for example people that don't heal from an infection and need to have an amputation, or women who miscarry from a simple UTI. Just recently, our Chief Immigration Officer had an appendectomy but has been in hospital for months with a fever. The antibiotics just aren't effective. AMR is real here in Africa. The issue is we don't have many drug options and all of them are overused.

The solution for us in Malawi is twofold- build up laboratories and increase awareness. Without well-functioning labs we can't detect resistance and we won't be able to take preventative action. But we also need to increase public awareness and help people understand the dangers of overusing drugs.

We don't have much funding for AMR in our national budget, so the Fleming Fund is a huge boost for us. With this resource we are hopeful that we will be able to implement our national action plan and strengthen our health system as a whole. I am really passionate about AMR - I really want our country to progress and I think this grant will help us do that.

Already, even though funds for the country grant have not yet been disbursed, the initial visits from the technical experts have made a big impact. The process has been quite smooth and the government has a lot of interest in the project. In the coming weeks I'm looking forward to working with the East African regional grant team who will analyse some of our old AMR data for resistance patterns. It is precisely this type of work and analysis that will help us change policy and behaviour to improve lives of Malawians.

Regional Grants Tracker



Fleming Fund News Bulletin - Issue 9

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				
Regional Infrastructure Capabilities (Africa)				
Regional Infrastructure Capabilities (Asia)				
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:
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Visit www.flemingfund.org for more information.