

Supplemental Digital Appendix 1

Characteristics of Applicants for the West African Global Health Leaders Fellowship^a (2016)

Characteristic	No. (% of 116)
Gender	
Male	78 (67)
Female	38 (33)
Highest level of education	
MD/MBBS/DDS	34 (29)
PhD	19 (25)
RN	3 (3)
MPH	52 (45)
DVM	1 (1)
Bachelor	2 (2)
Unknown	5 (4)
Type of employer	
Government	38 (33)
University	21 (18)
Non-governmental organization	26 (22)
Private	12 (10)
Hospital	18 (16)
Unknown	1 (1)
Chose study topic	
Antimicrobial resistance	26 (22)
International health regulations	15 (13)
Public-private partnerships	15 (13)
Universal health care	60 (52)

Characteristic	No. (% of 116)
Country	
Benin	2 (2)
Burkina Faso	1 (1)
Cameroon	2 (2)
Cote d'Ivoire	1 (1)
Ghana	21 (18)
Mali	1 (1)
Mauritania	2 (2)
Nigeria	80 (67)
Sierra Leone	3 (3)
The Gambia	2 (2)
Togo	1 (1)

Abbreviations: MD indicates medical doctor; MBBS, Bachelor of Medicine, Bachelor of surgery; DDS, doctor of dental surgery; PhD, doctor of philosophy; RN, registered nurse; MPH, master of public health; DVM, doctor of veterinary medicine.

^aThe fellowship is now called the African Public Health Leaders Fellowship.

Supplemental Digital Appendix 2

Daily Agenda for the First Three Weeks of the West African Global Health Leaders Fellowship, London^a (2016)

Date	Topic	Learning objectives	Activities/ experts
09/12/16	Introduction to Chatham House (CH), Queen Elizabeth II Academy	Provide insight into Chatham House “culture and the role of the Institution, internal networking	Introduction and discussion: Robin Niblett’, Director of Chatham House (CH) Introduction to Academy: Andrew Swan Lead, Fellows Programs, CH
	Effective Leadership	Introduce fellows to understandings of leadership, integrated nature of contemporary leadership, Skill and knowledge	Lecture /Discussion with Julie Chappell OBE,
	Introduction to Research at Chatham House	Insight into how Chatham House conducts research, expectations for outputs	Dr. Patricia Lewis, Research Director, International Security, Chatham House
	Introduction to Communications and Publications at CH.	Provide outline of digital content and outputs, CH relationship with the media	Lecture Discussion with Keith Burnet, Director of Communications and Publishing, CH
	Introduction to External Relations and Events	Introduce CH structure as policy institute, role of external relations, networking and roundtables	Lecture/discussion, Harry Charlton, Director, External Relations CH, Kamil Hussain, Head of Conferences, CH
09/13/16	Introduction: Centre on Global Health Security	To describe Centre, provide overview of Centre and Fellowship aims	Lecture/discussion, David Harper, Deputy Head, Senior Fellow, CH, Ann Marie Kimball, Senior Fellow, CH
	Overview: Centre on Global Health Security	Meet Global Health teams, learn about ongoing projects	Lecture/discussion David Heymann, Department Head, Senior Fellow, CH’ Ade Adeyemi, Fellow, CH
	Initial Coaching Session with Mentors	To meet their Mentors, develop working relationship, review projects	Work session: Robert Yates (UHC), David Heymann (IHR), Louis Lillywhite (Public Private partnerships)

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	Library Induction	Orientation to research resources and facilities at CH	Lecture/discussion Malcolm Madden, Research Liaison Librarian, CH
	Project Budgeting/ workplans	To construct initial workplan and project budgets for Fellows projects	Work session Claire Munoz Parry, Manager, Centre on Global Health Security, CH
09/14/16	Conference/ event	Orientation to current issues in Science leadership in Africa	PEI #Science Africa unconference. “Generation Science: Empowering Africa’s future scientific leaders”
	Policy Discussion	Gain insight into UK policy on Africa, meet Co-chair All Party Parliamentary Group on Global Health.	Briefing/Discussion Lord Nigel Crisp, member, House of Lords
	Networking Dinner	Meet, network colleagues in Global Health at LSTMH	Working dinner
09/15/16	Scenario Training exercise	Introduce Scenarios, exercise on scenario, scenario analysis for policy	Lecture/discussion, practice session Dr. Khong, Chief Political analyst Shell Corporation.
09/16/16	Project planning and Management	CH approach to planning research	Lecture/Discussion Felix Preston, Deputy Research Director, CH.
	Report Writing	Explore role of research in Policy making, how presentation skills affect audience, tailoring writing for policy	Lecture/Discussion Report Writing to Influence Policy Glada Lahn, Senior Research Fellow, CH
	Presentation Skills	An overview of publishing through CH, tips on writing for media, “how to” write and expert comment	Lecture / Discussion Alan Philips, Editor, The world Today, Jason Naselli, Website and Project manager, CH
	Coaching overview	Begin planning, support for mentorship	Lecture/Discussion Janet Walters, Consultant, Growth Capability Limited
09/19/16	Introduction to the Fellowship In Global Health Security (GHS)Leadership	Formally introduce fellowship, enhance leadership skills, gain insight into policy formation in GHS, Skills for excellence in case studies	Lecture/Discussion Ann Marie Kimball David Harper

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	Definition of Leadership Skills	Provide theoretical framework for leadership, compare and contrast in African context	Lecture/Discussion Jo Sylvester, Senior Professor, Cass Business School
	Technical Content in Global Health Security	To understand what GHS means, Epidemic versus pandemics, Build a national and global “toolkit” of current policy initiatives	Lecture/Discussion Dr. Ann Marie Kimball, Dr. David Harper
	Technical Content-Definition: “One Health”	Learn about One Health, integration of antimicrobial resistance, Partnership with the private sector for prevention	Lecture/Discussion Dr. Osman Dar, Project Director, One Health, CH
	Methods- External Evaluation Methods	To understand different evaluation methods, Selection of suitable methods and ways of sharing evaluation findings for impact	Discussion Dr. David Harper
09/20/16	Leadership Skills	Facilitated discussion on GH Policy in African context	Discussion Ann Marie Kimball
	Technical Content-Disease Surveillance in Sub-Saharan Africa	Become familiar with surveillance systems and networks in the region	Lecture/Discussion Ann Marie Kimball
	Skill: Excellence in Policy studies	Understand robust criteria for excellence for Policy studies	Lecture/discussion Rob Bailey, Research Director, CH
	Skill: Policy Studies	To be able to identify and analyse problems, conduct qualitative and quantitative research, and present findings	Emma Ross, Communications Lead, CH. Ann Marie Kimball
	Introduction to UK System of animal/human surveillance	Learn about UK standardized rapid risk assessment tool for level or risk from interspecies threats.	Lecture/Discussion Prof Dylis Morgan, Head, Department of Emerging and zoonotic infections, Public Health England.
09/21/16	Technical Content- Data Sharing	Through case studies to determine best practices in data sharing	Dr. David Harper Michael Edelstein, Senior Consulting Fellow, CH.
	Technical Content-Universal Health Coverage (UHC) and Resiliency	To understand how countries at all income levels are formulating and implementing strategies for UHC	Lecture/Discussion Mr. Robert Yates, Senior Fellow, CH

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09/22/16	Technical Content- Policy and Legal basis for IHR implementation	To understand policy and legal implication of IHR through country case examples	Lecture/discussion Lt. General Louis Lilywhite, Senior Fellow, Chatham House
	Technical Content- IHR/OIE (Organisation Internationale Epizootic) Implementation	Understand status of IHR implantation especially is Sub Saharan Africa, Understand how OIE Veterinary services assessment “fits”	Lecture/discussion Lt. General Louis Lilywhite
	Technical Content- Public Private Partnerships	To take an indepth look private sector responses to the Ebola Outbreak.	Lecture/Discussion Lt. General Louis Lilywhite
	Technical Content- Issues in Post Ebola Recovery	To assess international review panels of the Ebola response, strengths, weaknesses, African response to reports	Lt. General Louis Lilywhite, Dr. David Heymann, Dr. Ann Marie Kimball
09/23/16	Site Visit- Public Health England, Cambridge	Observe and learn all aspects of local, national interface in public health, major programs and science-based policy and practice	Observation and discussion Prof. Aliko Ahmed, Director, Public Health England
	Site Visit- Cambridge University	To understand the Cambridge Africa Program, a working partnership	Observation and Discussion Dr. Pauline Essah, Program Manager, Cambridge Africa programme
09/26/16	Feedback- Fellowship progress	Review and discuss progress so far, Meet as a team with mentors and discuss expectations	Discussion- Entire Program Team and Fellows
	Technical Content/site visit Quality Assurance	Learn how governments can build technical and institutional capacity to insure value for money in health care investments	Observation/ Discussion Freancoise Cluzeau, Associate Director, NICE (National Institute for Health and Care Excellence)
	Site Visit, Introduction	To become familiar with the Institute for Global Health Innovation	Observation/ Discussion Hestor Wadge, Policy Fellow, Imperial College,
	Site Visit, Technical Content	To understand what is “Global Public Good especially in African context related to antimicrobial resistance and public private partnerships	Lecture/discussion Richard Smith, Professor of health system economics, Claire Bayntun Program Director Exec Global Health Leadership, LSTMH
09/27/16	Site Visit, Introduction	To learn about Wellcome Trust	Observation/Discussion, Simon Kay, Head of International Operations and Partnerships

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	Site Visit, Introduction	To gain insights into an African NGO working outside the region	Observation/Discussion Onyekachi Wambui, Director African Foundation for Development (AFFORD)
	Technical Content, Antimicrobial Resistance (AMR) – Amplification and resistance	To gain insight into AMR in Africa	Lecture/Discussion –David Heymann, Head and Senior Fellow, GHS, CH
	Technical Content-International Health Regulations	To gain insights into implementation of IHR and best practices	Lecture/Discussion Ann Marie Kimball, David Heymann
	Working Session- Fieldwork planning	To finalize workplan and budget for project field work	Emma Ross, Consultant, Claire Munoz-Perez Manager, Centre on Global Health Security (GHS) CH
09/28/16	Policy Content-Health and Development	To learn how policy results inform international development and foreign affairs in the UK	Lecture/discussion, Jessica Toale, Executive Director, Center for Development Results
	Site Visit. Introduction to Public Health England, Collingswood	To understand work and challenges of Public Health England, Outbreak response	Observation/Lecture/ Discussion Prof. Maria Zambon, Director, Reference Laboratory, PHE
	Public Health England (contd)	To observe operational systems of a fully integrated surveillance system	Observation/Discussion Mark Salter, Public Health England
09/29/16	Policy Content- Global Governance and Financing	To understand global governance and the global landscape	Lecture /Discussion, David Heymann, David Harper
	Policy Content, Introduction Department of International Development (DFID)	To learn the workings of International Development from a government entity	Africa Regional Department
	Technical and Policy content- Global Health Policy “Toolkit”	To understand norms and standards, guidelines, regulation, treaties and commissions	Lecture/ discussion David Heymann
	Introduction Commonwealth Foundation	To learn about the Commonwealth Foundation	Observation/Discussion Vijay Krishnarayan, Director, Commonwealth Foundation
09/30/16	Site Visit Standard Chartered Bank (SCB)	To learn bank focus on economic and social sustainability	Observation/Discussion Vasuki Shastry, Global Head, Public Affairs and Sustainability; Razi Khan, Chief economist, Africa SCB

Date	Topic	Learning objectives	Activities/ experts
	Introduction/ Site Visit- NHS Hospitals	To learn about services and programs at London's largest NHS Trust	Adebusuyi Adeyemi, Consulting Fellow, CH

Abbreviations: CH indicates Chatham House; PEI, Planet Earth Institute; LSTMH, London School of Tropical Medicine and Hygiene; GHS, Global Health Security; UHC, Universal Health Coverage; IHR, International Health Regulations; OIE, Organisation International Epizootique (World Animal Health Organization); AFFORD, African Foundation for Development; AMR= Antimicrobial Resistance.

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