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RESEARCH INTERESTS AND EXPERIENCE

I am passionate about my work in clinical microbiology, microbial genomics, and the global health arena. I have strived to build local capacity in low and middle income countries (LMICs) and further scientific boundaries using innovative methods throughout my career. I am now based at St. George's, University of London as a co-investigator on the Antimicrobial Resistance, Prescribing, and Consumption Data to Inform Country Antibiotic Guidance and Local Action (ADILA) Project. This new work is based on my previous work estimating the global burden of Antimicrobial Resistance (the Global burden of AntiMicrobial resistance (GRAM) project) to inform local policies in LMICs and implement change.

With solid academic and broader communication skills, I enjoy building bridges between academia, business, the pharmaceutical industry, health organisations, funding bodies, and more widely with the general public to increase understanding and engagement in AMR. I use my effective communication skills to develop and maintain strong global and local collaborations, as evidenced by the multidisciplinary teams included in recent grant applications based in Oxford and globally. For example, I have solid collaborations with groups in Uganda and Bangladesh; I plan to develop exciting new research applications with a select number of the over 40 collaborators I am working closely with on the ADILA project.

These communication skills underpin much of my work, alongside a strong belief in partnering equitably with local researchers, communities, and underrepresented groups in low- and middle-income countries to understand the context and build sustainable solutions together. As researchers, we need to be innovative in our approach to tackling AMR, working collaboratively with diverse groups across the University and beyond to encourage fresh thinking and new creative ways to tackle AMR.

PROFESSIONAL APPOINTMENTS

April 2022 -	Senior Lecturer Centre for Neonatal and Paediatrics Infection, St George's, University of London.
2021 – present	Member of the Advisory Group on Critically Important Antimicrobials (AG CIA) for Human Medicine
2018 – 2022	Research Group Leader Oxford Global Burden of Disease Group, Big Data Institute, University of Oxford.
2015-2018	Head of Operations The Epidemic Diseases Research Group Oxford (ERGO), Centre for Tropical Medicine and Global Health (CTMGH), University of Oxford.
2012-2015	Post-doctoral Scientist Modernising Medical Microbiology, University of Oxford.
2010-2012	Senior Microbiologist Mahidol Oxford Research Unit, Angkor Hospital for Children, Siem Reap, Cambodia, (CTMGH)
2006-2010	Director of Laboratory Research

2004-2006 Laos Oxford Medical Research Unit, Mahosot Hospital, Vientiane, Laos CTMGH
Post-doctoral Research Assistant
 Paediatrics Department, University of Oxford;
 1997-2004 **Research Assistant and DPhil student**
 Tropical Medicine, University of Oxford

EDUCATION

1998-2002 **Doctor of Philosophy in Clinical Medicine (DPhil)**, University of Oxford, UK
 Thesis entitled "A case-control study to examine invasive *Staphylococcus aureus* disease: host susceptibility and the bacterial population structure in Oxford and Thailand."
 2011-2014 **Global master's in business administration** (Merit award), Brookes University, Oxford, UK. Thesis entitled "Critical evaluation of the need for a mentoring programme for post-doctoral research assistants in DPAG, University of Oxford."
 1995-1997 **Master's in medical microbiology (MSc)**, University of Westminster, UK
 1995 **State Registration, Health and Care Professions Council (HCPC), HCPC number BS39940, UK**
 1990-1994 **Bachelor of Science in Applied Biological Sciences, Biomedical Route (BSc Hons)**, University of the West of England, UK

POSTGRADUATE TRAINING (selected)

September 2021 Introduction to Epidemiology short course run by the Nuffield Department of Population Health, University of Oxford
 May 2019 Attended the Institute of Health Metrics and Evaluation training on the Global Burden of Disease held in Greece
 June 2019 Teaching qualification: Enhanced Teaching programme, SEDA PDF Learning, received the Teaching and Assessing award
 2017 Teaching qualification: Developing Learning and Teaching programme, completed and received the SEDA PDF supporting learning award
 2008 Open Door Workshop: Working with Pathogen Genomes. Invited helper and instructor, Wellcome Trust centre, Bangkok run by the Sanger Centre, UK,
 2008 Attended the advanced Bionumerics course. Run by the Wellcome Trust centre and Applied Mathematics in Ho Chi Minh City

TEACHING EXPERIENCE

2022 **University of Oxford**
 Postgraduate teacher, emerging risks in a changing world module on the MSc on Water Science, Policy and Management in the School of Geography and the Environment
 2021 - present **Fleming Fund**
 Tutor and Mentor for Human Health Fellows applying for the Eswatini Fleming Fund AMR Country Grant Fellowships

- 2017 – present **University of Southern California Undergraduate Global Health program**
Undergraduate lecturer on epidemic disease and AMR
- 2019 – present **University of Brighton**
Lecturer on the Masters in Health Protection Module Programme
- 2015 – 2022 **University of Oxford**
Undergraduate tutor and marking collections for year 3 Biochemistry option in immunology and year 2 Biomedical Sciences undergraduate students for Part 1 options in Immunology and microbiology, and molecular biology. To date, I have tutored over 113 students across 17 colleges.
- 2020 – 2022 **University of Oxford**
Postgraduate teacher, infectious diseases module on the Health Data Science Centre for Doctoral Training course in the BDI: Leading a day on AMR and the global burden of disease
- 2016 – 2020 **University of Oxford**
Postgraduate lecturer and facilitator on the MSc in International Health and Tropical Medicine
- 2019 **Institute for Workforce Development-Africa CDC through Emory University**
Lecturer for the online training for African policymakers
- 2019 **University of Oxford**
Postgraduate lecturer on the Public Health teaching program, Nuffield Department of Public Health
- 2017 **London School of Hygiene and Tropical Medicine**
Postgraduate lecturer on the professional diploma in Tropical Medicine and Hygiene for the revision course
- 2003 – 2012 **Laboratories in the Wellcome Africa and Asia Programme (Thailand, Laos, Cambodia)**
Hands-on training, tutorials, and lectures for the PhD and MSc students and microbiology laboratory staff, ongoing mentoring to over 30 lab staff

STUDENT SUPERVISION

DPHIL

- October 2021 Aislinn Cook (co-supervision), she is examining antimicrobial resistance, consumption, and use globally as part of the new ADILA project
Robert Sinto (co-supervision), he is examining the Associations between blood culture utilization, antimicrobial use, and antimicrobial-resistant infections in an Indonesian national referral hospital.
Li Ann Ong (co-supervision), she is examining the links between water sanitation and hygiene and the link with antimicrobial resistance in hospitals in Bangladesh
- 2018 – 2021 Nathaniel Henry (supervisor), project entitled: "Assessing local health outcomes using spatially-resolved health surveillance data", passed his viva January 2022.

MASTERS STUDENTS

- 2018 Lonnie Hackett, modelled Pertussis vaccination coverage in South Africa

SUMMER INTERNS

- 2019 Christopher Eyapu from Uganda who performed a systematic review
2020 Ibrahim Yusuf from Nigeria who has examined the presence of plasmids in Gram negative bacteria causing urinary tract infections in Nigeria

EXAMINER**DPHIL**

- 2018 Dr. Duong Vu, Kellogg College "Bacterial gastroenteritis in children in Ho Chi Minh City in Vietnam" based at OUCRU, Ho Chi Minh City
- 2020 Examined a confirmation DPhil for Amelia Bertozzi-Villa on geospatial analysis of the access to bed nets in malaria-affected countries.

PhD

- 2018 Andrea Parisi "From global to local; invasive and antimicrobial-resistant Salmonella" based at the Australian National University;

AWARDS AND HONOURS

Dr. Andrew Cairns Douglas medal given by the Royal College of Physicians in Edinburgh
 Second in the Poster Prize at the Society of Microbiology and Society for Applied Microbiology
 The John Adams award given by the Institute of Biomedical Sciences

PROFESSIONAL ASSOCIATIONS

- Fellow:** The Royal College of Physicians, Edinburgh; the Royal Society of Biology, Australian Society of Microbiology, the Society for Applied Microbiology and the Institute of Biomedical Science;
- Member:** Green Templeton College, University of Oxford; American Society for Tropical Medicine and Hygiene, Australian Institute of Medical Sciences, American Society of Microbiology, Institute of Safety Technology and Research, Royal Society of Tropical Health and Medicine, and the Microbiology Society.

EDITORIAL RESPONSIBILITIES

- Associate Editor:** The Biomed Central (BMC) Infectious Diseases journal and Frontiers in Tropical Medicine. Associate Section Editor-in-Chief for Antibiotics.
- Peer reviewer:** Science, The Lancet, Nature, Plos One, BMC Infectious Diseases, BMC Microbiology, BMC Public Health, Diagnostic Microbiology, and Infection, Gene, International Journal of Infectious Diseases, International Journal of Ophthalmology, Vaccine and Infectious Diseases of Poverty, BMJ Global Health.

NATIONAL RESPONSIBILITIES (Selected)

- 2021 - present Member of the World Health Organization advisory group on Critically Important Antimicrobials for Human Medicine
- 2015 – 2021 Athena SWAN panellist and chair for the Advance HE (previously the Equality Challenge Unit), assessing applications every six months
- 2020-21 Member of the Society for Applied Microbiology's COVID-19 Task and Finish Group on Ensuring other microbiology areas continue with input into a policy document, which resulted in a policy report on AMR
- 2021 Reviewer of European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Research Grants

2021 - ongoing	Abstract Reviewer for the 31 st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) Conference and following ones
August 2020	Reviewer for the Global Antimicrobial Resistance and Use Surveillance System (GLASS) Manual 2.0
July 2020	Funding call evaluator for the Bloomsbury Science Economics and Technology Knowledge Exchange grants, London School of Economics and Political Science
2020	Supported the Fondation Meriéux to apply and successfully receive the Pfizer-ISID 2020 Antimicrobial Stewardship in Africa and the Middle East grant to continue the Technique de Surveillance Actualisée de la Résistance aux Antibiotiques (TSARA) project in Madagascar
2020	Abstract Reviewer for the ESCMID Conference on Coronavirus Disease (ECCVID)
2019	Peer Reviewer for grants submitted to the Medical Research Council Infection and Immunity Board
2019 – present	Member of the Surveillance and Epidemiology of Drug-resistant Infections Consortium (SEDRIC)
2019	Invited to attend the AMR-Expert Mission to Germany
2013 – 2020	Parent governor for Freeland Church of England Primary school, Vice-Chair of Governors from 2016 to 2020, and chair of the Performance and Standards meetings

LOCAL RESPONSIBILITIES (Selected)

2019 - present	Peer reviewer for the University of Oxford Institutional Strategic Support Fund (ISSF)
2017-2019	Member of the local SAT for the NDM Athena Swan Silver Application
2016	Oxford Tropical Network Committee member, I reviewed the scientific posters and chose the best as oral presentations

CURRENT RESEARCH APPLICATIONS AS PRINCIPAL INVESTIGATOR

June 2021	Wellcome Trust discretionary fund. Title "Antimicrobial resistance: does local testing matter? Are Gram-negative organisms causing UTIs in hospital outpatient settings an accurate, representative sample of resistance in the population? A pilot study in two areas of Kampala, Uganda". This is a pilot study that will run for two years; outline funding is for £1.12 million. This grant is currently under discussion with the Wellcome Trust.
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GRANT FUNDING

2022-2023	University of Oxford Climate and Health Pump-priming fund. Co-Investigator (co-I) with Dr Sonia Lewycka on "Two global health challenges: a multi-country analysis to explore the implications of climate change for antibiotics resistance". Total funding £15,000.
2022-2025	Wellcome Trust. Co-I with Prof Michael Sharland on "Antimicrobial Resistance, Prescribing, and Consumption Data to Inform Country Antibiotic Guidance and Local Action - the ADILA project." Total funding £1,998,894.
2022-2024	Wellcome Trust. Co-I with Prof Ben Cooper on "Rethinking How to Understand the Burden of Antimicrobial Resistant Bacteria" (RHUBARB). Total funding £104,000.

- 2021-2023 Wellcome Trust. Co-I with Prof Tim Walsh on "Understanding the impact of COVID-19 on bacterial sepsis, antibiotic consumption and stewardship, and antimicrobial resistance". Total funding £952,637.
- 2019 Strategic Priorities Fund, University of Oxford. Co-I with researchers in NDPH and NDM on "The value of rapid diagnostic tests in the race against antimicrobial resistance: improving the health technology assessment of diagnostics." Total funding £21,453.
- 2019 - 2021 FIND collaboration, DFID funding for The AMR Diagnostics use Accelerator project. Principal Investigator in Oxford. Total funding held in Oxford for Oxford and all LMIC sites \$1.85 million.
- 2017 - 2022 Department of Health and Social Care Wellcome and the Bill and Melinda Gates Foundation funding. The Global Burden of Antimicrobial Resistance project. PI at the Big Data Institute, I was employed after the project began. Total funding is £9.8 million.
- 2018 - 2023 European and Developing Countries Clinical Trials Partnership (RIA2016E-1612), Participant. Title: African coalItion for Epidemic Research, Response, and Training (ALERRT). Total funding €9,99 million.
- 2018 Internal HEFCE Global Challenges Research support fund (0005255). Principal Investigator. Title: The presence of Helminths in faecal samples from Cambodia. Total funding £19,898.
- 2018 UK PHRST grant (sub-award) PI on "Rapid identification and characterisation of avian influenza viruses by direct Nanopore sequencing." Total funding £59,558.
- 2017 Institutional Strategic Support Fund 2016 (ISSF 204826/Z/16/Z), Medical Sciences Division, University of Oxford, Co-applicant on "China-Oxford collaboration on emerging infections." Total funding £100,000.
- April 2017 Society for Applied Microbiology (SFAM) Funding to present a poster entitled "Panton-Valentine Leucocidin positive CC121 strain Methicillin-sensitive *Staphylococcus aureus* is associated with Pyomyositis in Cambodian children" and attend ECCMID. Total funding £500.
- 2015 Pump priming grant, Medical Sciences Division, University of Oxford, PI on "Examining the bacterial determinants of pyomyositis infections in Cambodian children using Whole Genome Sequencing." Total funding £10,000.
- 2014 Collaborative grant funding, SFAM, PI on "Using molecular techniques to examine children's stool samples from Cambodia for *Cryptosporidium* species and *Giardia duodenalis*." Total funding £5,000.

INVITED ORAL PRESENTATIONS (Selected)

- January 2022 AMR Insights 'Focus on Prescription' workshop
- October 2021 The Gamechangers Regional AMR Data Sharing and Analysis (RADAAR) AMR Policy Webinar: Presented "Collaborations and data sharing, reflections from the GRAM project"
- September 2021 Panel member at the AMR Surveillance Foundation Briefing discussing the Potential uses and benefits from accessing AMR surveillance data
- September 2021 Moderated the first Gamechangers RADAAR AMR Policy Webinar: A discussion between myself and Lord Jim O'Neill

- July 2021 Moderator for day 2 for the RADAAR Workshop for Africa (June 29 - July 1)
- June 2021 Fleming Fund Symposium at the World Microbe Forum. Presented with CAPTURA and MAAP (Fleming Fund Regional grant recipients) and the discussion
- July 2020 Update to the Fleming Fund Technical Advisory Group, UK
- February 2020 9th Global Health and Infection Department Meeting, Brighton and Sussex Medical School, Brighton, UK
- January 2020 Plenary speaker, Computational Methods and Data Engineering (ICMDE 2020), Delhi, India
- December 2019 Presented and a panel member at the International Association of National Public Health Institutes Annual Meeting, Ethiopia
- November 2019 Plenary speaker at the 4th International Symposium on Health Research & 14th National Congress of Indonesian Public Health Association, Bali, Indonesia
- November 2019 CAMS-Oxford Beijing Big Data Symposium, Beijing, China
- September 2019 Oxford Tropical Network meeting, Oxford, UK
- June 2019 Keynote lecture: the Dr. Andrew Cairns Douglas Lecture at the Infectious Diseases Conference held at the Royal College of Pathologists, Edinburgh
- July 2019 Presented at the Federation of European Microbiological Societies (FEMS), Glasgow, UK
- June 2019 AMR Insights meeting, Emerging Antimicrobials and Diagnostics in AMR 2019, Amsterdam, Netherlands
- November 2018 Fleming Fund Partners event, Tanzania
- March 2018 Inaugural ALERRT meeting, Ethiopia, March 2018
- September 2017 Oxford Tropical Network meeting, Oxford, UK

PUBLICATIONS

I have 104 peer-reviewed publications; my H index is 45, according to google scholar.

PRIMARY OR SENIOR AUTHOR (N=17)

- 2022** Henry NJ, Elagali A, Nguyen M, Chipeta MG, **Moore CE**. Variation in excess all-cause mortality by age, sex, and province during the first wave of the COVID-19 pandemic in Italy. *Sci Rep*, 2022 Jan; 12(1): 1077. Doi: 10.1038/s41598-022-04993-7.
- 2019** **Moore CE**. Changes in antibiotic resistance in animals. Perspectives comment invited by Science, 2019. *Science*. 2019 Sep 20;365(6459):1251-1252. Doi: 10.1126/science.aay9652.
- Schnall J, Rajkhowa A, Ikuta K, Rao P, **Moore CE**. Surveillance and monitoring of antimicrobial resistance: limitations and lessons from the GRAM project. *BMC Med*. 2019 Sep 20;17(1):176. Doi: 10.1186/s12916-019-1412-8.
- Young BC, Earle SG, Soeng S, Sar P, Kumar V, ...**Moore CE**. Panton-Valentine leukocidin is the key determinant of *Staphylococcus aureus* pyomyositis in a bacterial genome-wide association study. *Elife*. 2019 Feb 22;8. pii: e42486. Doi: 10.7554/eLife.42486.
- 2016** **Moore CE**, Giess A, Soeng S, Sar P, Kumar V, *et al*. Characterisation of Invasive *Streptococcus pneumoniae* isolated from Cambodian Children between 2007-2012. *Plos ONE*, 2016, July; 11(7); e0159358.
- Moore CE**, Elwin K, Phot N, Seng C, Mao S, *et al*. Molecular characterization of *Cryptosporidium* species and *Giardia duodenalis* from symptomatic Cambodian children. *Plos Negl Trop Dis*, 2016, July; 10(7): e0004822.

- Moore CE**, Soeng S, Sar P, Hor P, Kumar V, *et al.* Antimicrobial susceptibility of uropathogens isolated from Cambodian children. *Paediatr Int Child Health*, 2016, Jan; (12): 1-5.
- 2015** **Moore CE**, Nget P, Saroeun M, Kuong S, Chanthou S, *et al.* Intestinal Parasite Infections in Symptomatic Children attending Hospital in Siem Reap, Cambodia. *Plos ONE*, 2015, May; 10(5): e0123719.
- 2014** **Moore CE**, Paul J, Foster D, Mahar SA, Griffiths D, *et al.* Reduction of invasive pneumococcal disease three years after the introduction of the 13 valent conjugate vaccine in the Oxfordshire region, England. *Journal of Infectious Diseases*, 2014, October; 210 (7): 1001-11.
- Emary RW, Carter MJ, Pol S, Soeng S, Kumar V, ...**Moore CE**. Urinary antibiotic activity in paediatric patients attending an outpatient department in north-western Cambodia. *Trop Med Int Health*, 2014 October; 16. Doi: 10.1111/tmi.12398.
- Moore CE**, Pan-Ngum W, Wijedoru LPM, Soeng S, Tran vu Thieu N, *et al.* Evaluation Of The Diagnostic Accuracy Of A Typhoid IgM Flow Assay For The Diagnosis Of Typhoid Fever In Cambodian Children Using A Bayesian Latent Class Model Assuming An Imperfect Gold Standard. *American Journal of Tropical Medicine and Hygiene*, 2014, January; 90(1): 114-20.
- 2012** **Moore CE***, Emary K*, Chanpheaktra N, Peng An K, *et al.* Enteric fever in Cambodian children is dominated by multidrug-resistant H58 *Salmonella enterica* serovar Typhi with intermediate susceptibility to ciprofloxacin. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 2012; (106): 718-724. (*Dr. Emary and myself were joint first authors, having contributed equally)
- Moore CE**, Hor P, Soeng S, Sun S, Lee SJ, *et al.* Changing patterns of gastrointestinal parasite infections in Cambodian children: 2006-2011. *Journal of Tropical Pediatrics*, 2012 Dec; 58(6): 509-12.
- Moore CE**, Blacksell S, Taojaikong T, Jarman R, Gibbons R, *et al.* A prospective assessment of the accuracy of commercial IgM ELISAs in diagnosis of Japanese encephalitis virus infections in patients with suspected central nervous system infections in Laos. *American Journal of Tropical Medicine and Hygiene*, 2012 Jul; 87(1): 171-8
- Moore C**, Hennig B, Perrett K, Hoe JC, Lee S, *et al.* SNPs in the TLR3 and CD44 genes are associated with persistence of vaccine-induced immunity to serogroup C meningococcal conjugate vaccine. *Clinical Vaccine and Immunology*, 2012 Mar; 19(3): 295-303.
- 2010** **Moore CE**, Sengduangphachanh A, Thaojaikong T, Sirisouk J, Foster D, *et al.* Enhanced determination of *Streptococcus pneumoniae* Serotypes Associated with Invasive Disease in Laos by using a real-time polymerase chain reaction serotyping assay with cerebrospinal fluid. *American Journal of Tropical Medicine and Hygiene*, 2010 Sept; 83 (3): 451-7.
- 2004** **Moore CE**, Segal S, Berendt AR, Hill AVS, Day NPJ. Lack of Association between Toll-like Receptor 2 Polymorphisms and Susceptibility to Severe *Staphylococcus aureus* Disease. *Clinical and Diagnostic Laboratory Immunology*, 2004; 11 (6): 1194-7.

PREPRINTS (N=3)

- 2021** Chipeta MG, Kumaran EPA, Browne AJ, Kashef Hamadani BH, Haines–Woodhouse G, Sartorius B, Reiner Jr R, Dolecek C, Hay SI, Moore CE. Mapping local variation in household overcrowding across Africa from 2000 to 2018: a modelling study. Submitted to Lancet Planetary Health.

COLLABORATIVE PUBLICATIONS (N=88)

- 2022** Murray C, *et al.* Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis. *The Lancet*, 2022, Jan; 10.1016/S0140-6736(21)02724-0.
- 2021** Browne AJ, Chipeta MG, Haines-Woodhouse G, ...**Moore CE**, *et al.* Global Antibiotic Consumption in Humans, 2000 to 2018: A Spatial Modelling Study. *Lancet Planetary Health* 2021, Nov 11:S2542-5196(21)00280-1. Doi: 10.1016/S2542-5196(21)00280-1.
- GBD 2019 Tuberculosis Collaborators. Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019. *Lancet Infect Dis* 2021, Sep 23;S1473-3099(21)00449-7. Doi: 10.1016/S1473-3099(21)00449-7.
- GBD 2019 Under-5 Mortality Collaborators. Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. *Lancet*. 2021 Sep 4;398(10303):870-905. Doi: 10.1016/S0140-6736(21)01207-1.
- Vaccine Coverage Collaborators. Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. *The Lancet*, Aug 2021; 398 (10299): 503-21.
- Pandey RP, Priyadarshini A, Gupta A, Vibhuti A, Leal E, ...**Moore CE**, *et al.* Potential of nanoparticles encapsulated drugs for possible inhibition of the antimicrobial resistance development. *Biomed Pharmacother* 2021, Jul 20;141:111943.
- Lythgoe KA, Hall M, Ferretti L, de Cesare M, MacIntyre-Cockett G, ...**Moore, CE et al.** SARS-CoV-2 within-host diversity and transmission. *Science*, 2021; 372 (6539) eabg0821. Doi: 10.1126/science.abg0821.
- Volz E, Hill V, McCrone JT, Price A, Jorgensen D, COG-UK Consortium. Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. *Cell*, 2021; 184 (1): 64-75 e11.
- 2020** Salami O, Horgan P, **Moore CE**, Giri A, Sserwanga A *et al.* Impact of a package of diagnostic tools, clinical algorithm, and training and communication on outpatient acute fever case management in low- and middle-income countries: protocol for a randomized controlled trial. *BMC Trials*, 2020; 21 (974); 1-13. Doi: 10.1186/s13063-020-04897-9
- Pandey RP, Nascimento MS, **Moore CE**, Raj VS, Kalil J, Cunha-Neto E. New approaches for the Treatment of Chagas Disease. *Curr Drug Targets*, 2020; 24. Doi: 10.2174/1389450121999201124122643.
- Basnyat B, Salami O, Karkey A, **Moore C**, Giri A, Oliario P. The Impact of Covid-19 on Health Delivery and Research in South East Asia. *BMJOpinion* (blog). September 2020.
- Scott JT, Sharma R, Meredith LW, Dunning J, **Moore CE**, *et al.* Pharmacokinetics of TKM-130803 in Sierra Leonean patients with Ebola virus disease: plasma concentrations exceed target levels, with drug accumulation in the most severe patients. *EBioMedicine*. 2020 Feb;52:102601. Doi: 10.1016/j.ebiom.2019.102601.
- GBD 2017 Lower Respiratory Infections Collaborators. Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. *Lancet Infect Dis*. 2020 Jan;20(1):60-79. Doi: 10.1016/S1473-3099(19)30410-4.

- GBD 2017 Diarrhoeal Disease Collaborators. Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. *Lancet Infect Dis*. 2020 Jan;20(1):37-59. Doi: 10.1016/S1473-3099(19)30401-3.
- Browne AJ, Kashef Hamadani BH, Kumaran E, Rao P, Longbottom J, ...**Moore CE**, et al. Drug-Resistant Enteric Fever worldwide, 1990 to 2018: A systematic review and meta-analysis. *BMC Medicine*, 2020; 18(1):1; Doi: 10.1186/s12916-019-1443-1.
- 2019** Limmathurotsakul D, Dunachie S, Fukuda K, Feasey NA, Okeke IN,...**Moore CE**, et al.; Surveillance and Epidemiology of Drug-Resistant Infections Consortium (SEDRIC). Improving the estimation of the global burden of antimicrobial resistant infections. *Lancet Infect Dis*. 2019; Aug 16. pii: S1473-3099(19)30276-2. Doi: 10.1016/S1473-3099(19)30276-2.
- Saxena A, Horby P, Amuasi J, Aagaard N, Köhler J, et al. Ethics preparedness: facilitating ethics review during outbreaks – recommendations from an expert panel. *BMC Med Ethics*. 2019; 20 (1): 29; doi: 10.1186/s12910-019-0366-x.
- Dubot-Pérès A, Mayxay M, Phetsouvanh R, Lee J, Rattanavong S, ...**Moore CE**, et al. Management of Central Nervous System Infections, Vientiane, Laos, 2003–2011. *Emerging Infectious Diseases*. 2019;25(5):898-910. Doi:10.3201/eid2505.180914.
- Turner P, Fox-Lewis A, Shrestha P, Dance DAB, Wangrangsimaikul T, ...**Moore CE**, et al. Microbiology Investigation Criteria for Reporting Objectively (MICRO): a framework for the reporting and interpretation of clinical microbiology data. *BMC Medicine*, 2019 Mar 29;17(1):70. Doi: 10.1186/s12916-019-1301-1.
- Sigfrid L, **Moore C**, Salam AP, Maayan N, Hamel C, et al. A rapid research needs appraisal methodology to identify evidence gaps to inform clinical research priorities in response to outbreaks – results from the Lassa fever pilot. *BMC Medicine*, 2019; 17(1):107.
- Van Aartsen JJ, **Moore CE**, Parry CM, Turner P, Phot N, et al. Epidemiology of paediatric gastrointestinal colonisation by extended-spectrum cephalosporin-resistant *Escherichia coli* and *Klebsiella pneumoniae* isolates in north-west Cambodia. *BMC Microbiol*, 2019 Mar 12;19(1):59. Doi: 10.1186/s12866-019-1431-9
- 2018** Newton PN, Keolouangkhot V, Lee SJ, Sisouphone S, Chooumlivong K, ...**Moore CE**, et al. A prospective, open-label, randomized trial of Doxycycline versus Azithromycin for the treatment of uncomplicated Murine Typhus. *Clinical Infectious Diseases*, July 2018; doi.org/10.1093/cid/ciy563
- Fox-Lewis A, Takata J, Miliya T, Lubell Y, Soeng S ...**Moore CE**, et al. Antimicrobial resistance in invasive bacterial infections in hospitalized children, Cambodia, 2007-2016. *Emerg Infect Dis*, 2018; 24(5):841-51; doi: 10.3201/eid2405.171830.
- Harvala H, Broberg E, benschop K, Berginc N, ...**Moore CE**, et al. Recommendations for enterovirus diagnostics and characterization within and beyond Europe. *Journal of Clinical Virology*, 2018; 101: 11-17.
- 2017** Stoesser N, Eyre DW, Quan TP, Godwin H, Pill G, ...**Moore CE**, et al. Epidemiology of *Clostridium difficile* in infants in Oxfordshire, UK: risk factors for colonization and carriage, and genetic overlap with regional *C. difficile* infection strains. *PLoS ONE*, 2017; 12(8) e0182307. Doi: 10.1371/journal.pone.0182307

- 2016** Turner P, Klopogge S, Miliya T, Soeng S, Tan P, ...**Moore CE, et al.** A retrospective analysis of melioidosis in Cambodian children, 2009-2013. *BMC Infect Dis.* 2016 Nov; 16 (1): 688.
- Thanh DP, Thompson CN, Rabaa MA, Soeng S, Sopheary S, ...**Moore C, et al.** The Molecular and Spatial Epidemiology of Typhoid Fever in Rural Cambodia. *PLoS NTD*, 2016 Jul; 10(6): e0004785.
- Stoesser N, Sheppard AE, Pankhurst L, De Maio N, **Moore CE, et al.** Evolutionary History of the Global Emergence of the *Escherichia coli* Epidemic Clone ST131. *MBio*, 2016 Mar 22;7(2). pii: e02162-15.
- Horby P, **Moore C.** Can we treat Ebola with plasma? The results are in. *The Conversation* 2016; Jan 8.
- Chansamouth V, Thammasack S, Phetsouvanh R, Keoluangkot V, **Moore CE, et al.** The aetiologies and impact of fever in pregnant inpatients in Vientiane, Laos. *PLoS NTD*, 2016; 10(4): e0004577.
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