

DANIEL G. BAUSCH

CURRICULUM VITAE

KEY EXPERTISE and SKILLS

- ◆ Internationally recognized, widely respected and innovative leader in global health research, strategic direction, education and programme implementation
- ◆ Held leadership positions in wide array of institutional settings globally, including academia, government, military, international and non-governmental organisations, and professional societies, including four years as first Director of the UK Public Health Rapid Support Team
- ◆ Strong strategic and analytical orientation coupled with integrity, exceptional communication skills, and highly collaborative and inclusive nature, earning accolades as a dynamic and inspiring team leader who values and promotes gender, racial and national diversity
- ◆ Experience leading large multi-national teams working on complex international projects across diverse cultures and disciplines to empower colleagues for maximum impact, facilitated by spoken and written fluency in English, French, and Spanish
- ◆ Extensive knowledge of major granting and donor policies and procedures, having successfully sought and received funding for research, educational, and public health implementation projects from a diverse array of government, private sector, and philanthropic sources
- ◆ Extensive international network of colleagues and collaborators, with experience engaging and communicating effectively with leaders and other high-level stakeholders in both public and private sectors, including government, (e.g. Ministers of Health), large international organizations (e.g. WHO, CEPI), pharmaceutical and biotech companies, and philanthropy
- ◆ Strong emphasis on capacity development and equity and human rights, striving to ensure that biomedical advances reach and translate to better health for those most in need
- ◆ Due to combination of expertise and communication skills, frequently sought-after by the media and as a keynote speaker at international conferences and universities, serving as a leading voice on public health matters, adeptly translating complex scientific concepts into language more easily grasped by scientists, policy makers, students and the general public
- ◆ Serves on various Advisory Boards and Committees for the World Health Organisation (WHO), academic institutions, the private biotech sector, and non-governmental humanitarian organisations

EDUCATION and TRAINING

- 1999-2001: Certificate, International Emergency Capacity Development Program, U.S. Centers for Disease Control and Prevention (CDC), Atlanta, USA
- 1997: Certificate of Knowledge in Tropical Medicine, American Society of Tropical Medicine and Hygiene, Arlington, USA
- 1992-94: Master of Public Health in Tropical Medicine. Tulane School of Public Health and Tropical Medicine, New Orleans, USA
- 1992-94: Fellowship in Infectious Diseases. Tulane University, New Orleans, USA (Board certified 1996)
- 1989-92: Residency in Internal Medicine. Boston University, Boston MA (Board certified 1992)
- 1985-89: Doctor of Medicine. Loyola Stritch School of Medicine, Maywood, USA
- 1980-83: Bachelor of Arts (Psychology Major), Northwestern University, Evanston, USA

PRESENT POSTS and APPOINTMENTS

Visiting Professor, National University of Singapore, Centre for Infectious Disease Emergency Response, Yong Loo Lin School of Medicine, Singapore, 2024-present

- ◆ Provide strategic direction as well as technical content to the University to establish and promote a new Centre for Infectious Disease Emergency Response (CIDER) and degree of Master of Science in Infectious Disease Emergencies (three months per year spent on-site in Singapore)

Visiting Professor, Geneva Graduate Institute, Global Health Centre, Geneva, Switzerland, 2025-present

- ◆ Development and teaching of an original course entitled “The Anthropocene: Exploring One Health in a Rapidly Changing World” as part of the Institute’s Master in International and Development Studies programme

PREVIOUS PROFESSIONAL EXPERIENCE

Senior Advisor, Global Health Security, FIND, The Global Alliance for Diagnostics, Geneva, Switzerland, 2021-24

- ◆ Member of FIND’s Executive Team, overseeing FIND’s efforts on pandemic preparedness and response, surveillance, humanitarian emergencies, and antimicrobial resistance
- ◆ Led FIND’s efforts for the diagnostics component of the *100 Days Mission to Respond to Future Pandemic Threats* proposed by the United Kingdom at the June 2021 meeting of the G7 countries
- ◆ Oversaw FIND’s activities related to COVID-19, Ebola, Lassa and other emerging viruses

Director, UK Public Health Rapid Support Team (UK-PHRST), Public Health England (PHE)/London School of Hygiene & Tropical Medicine, London, UK, 2017-21

- ◆ Recruited to be the first Director of the UK-PHRST, a joint government-academia partnership co-led by PHE and LSHTM to serve as the primary UK entity to attend to outbreaks in low- and middle-income countries, with a novel integrated triple remit of outbreak response, research and capacity development. As Director, held joint appointments at PHE as part of Senior Leadership Team and as a Professor of Tropical Medicine at LSHTM.
- ◆ Led establishment of new UK-PHRST programme that quickly emerged as a model programme in the field, including developing and executing strategic framework and annual implementation plans
- ◆ Recruited and manages UK-PHRST team of ~35 experts based across four institutions (PHE, LSHTM, University of Oxford, and King’s College London), with worldwide collaborations and engagement, and manages annual budget of £4 million
- ◆ Represented the UK-PHRST, PHE and LSHTM in building collaborative relationships globally across academia, governmental and non-governmental organizations, private-public partnerships and international organizations, such as the WHO, advising on international programs and scientific research related to outbreaks and emerging infectious diseases, public health infrastructure building, service delivery, and programme implementation
- ◆ Served as a leading global health authority and international public health spokesperson, integrating knowledge and experiences of national and international scientific programs and policies to provide guidance on issues to other units within the UK, foreign governments and their agencies, and multilateral and bilateral organizations
- ◆ Oversaw the coordination, organisation and support for deployment of the UK-PHRST for outbreak response, research and capacity development, including pre-deployment training and assessments, command of the UK-PHRST when deployed and post-deployment debriefing, follow-up and psychological support
- ◆ Represented the UK-PHRST, PHE and LSHTM in executive-level interviews with UK and international media and through presentations at international conferences. Appears frequently on such high-profile news outlets such as BBC, CNN, Al Jazeera, The Guardian, The New York Times, and many others
- ◆ Contributed to teaching through guest lectures at LSHTM, invited lectures at institutions throughout the world, and through supervising and advising graduate students (presently three at the doctoral level and two at the master’s level)
- ◆ Oversaw conceptualization and implementation of UK-PHRST research projects, including serving as Co-Co-Principal Investigator for ongoing clinical trial of a Janssen vaccine for Ebola virus disease in the Democratic Republic of the Congo
- ◆ UK representative on Global Outbreak Alert and Response Network (GOARN) Steering Committee

- ◆ Led efforts to create the new LSHTM Centre for Epidemic Preparedness and Response, including seeking resources through philanthropic engagement

Technical Lead, Epidemic Clinical Management Team, Pandemic and Epidemic Disease Department, World Health Organization, Geneva, Switzerland, 2015-17

- ◆ Focal point and principal clinician at WHO leading efforts on clinical management during outbreaks, representing WHO internationally
- ◆ Led efforts to organize and provide patient care during West Africa Ebola outbreak for both acute disease and survivors
- ◆ Promoted and conducted WHO efforts for applied research on Ebola virus, developing guidelines and spurring innovation on appropriate personal protective equipment
- ◆ Wrote WHO Guidelines for Clinical Care for Survivors of Ebola Virus Disease
- ◆ Advised on use of experimental therapies and vaccines
- ◆ Spearheaded development of the WHO Emerging Diseases Clinical Assessment and Response Network to enhance capacity to provide quality clinical care and conduct clinical research for emerging infectious diseases, including during outbreaks

Head, Virology and Emerging Infections Department, U.S. Naval Medical Research Unit No. 6, Lima, Peru, 2011-15 (seconded from Tulane)

- ◆ Led team of ~150 Peruvian (>90%) and American scientists and support staff stationed in the capital Lima as well as at various field sites in Peru and across Latin America in the execution of ~40 open research and surveillance protocols in 10-15 countries yearly, with an annual budget of ~\$US 8 million.
- ◆ Research and surveillance focus on influenza and other respiratory viruses, norovirus and other gastroenteritis viruses, and hantaviruses and other rodent-borne viruses,
- ◆ Frequent invited lecture at academic and government centres in Peru (e.g., Cayetano Heredia University and San Marcos University in Lima) and across Latin America (e.g., Argentina Ministry of Health, Pontificia Universidad Católica in Ecuador)
- ◆ During 2013-16 Ebola virus disease outbreak, deployed by WHO/GOARN numerous times to West Africa as well as WHO headquarters in Geneva to provide clinical and epidemiologic support and strategic guidance
- ◆ Chaired WHO Committee on Rapid Advice Guideline on Personal Protective Equipment in the Context of Filovirus Disease Outbreak Response and member of WHO Scientific and Technical Advisory Committee on Ebola Experimental Interventions and WHO Ebola Research Committee
- ◆ Consultant on Ebola for Government of Peru, U.S. Office of Science and Technology Policy in the Executive Office of the President, Department of Health and Human Services, National Institutes of Health/National Institute of Allergy and Infectious Diseases (NIH/NIAID), Department of Defense, CDC, and Agency for International Development (USAID); Institute of Medicine; State of Louisiana; and New Orleans Mayor's Office
- ◆ Served on CDC Ebola Task Force, helping to develop course materials and train the first batch of U.S. personnel to be deployed to West Africa

Professor with Tenure, Department of Tropical Medicine, Tulane School of Public Health and Tropical Medicine and Tulane School of Medicine, New Orleans, USA, 2003-11

- ◆ Conducted prospective hypothesis-based research in both the laboratory and field, primarily focused on emerging viruses in West Africa (e.g., Lassa virus, pox viruses) and hantaviruses in the USA
- ◆ Established and served as Director of the Tulane Research and Training Programme in Guinea and Sierra Leone
- ◆ Through contractual agreement with WHO, served as the Senior Medical-Technical Coordinator of the WHO Mano River Union Lassa Fever Network to establish public health capacity to combat Lassa fever

in Guinea, Sierra Leone, and Liberia, resulting in the establishment of a state-of-the-art diagnostic and research regional reference laboratory in Kenema, Sierra Leone

- ◆ Supported academic training, advising doctoral, master's and undergraduate students
- ◆ Taught regular graduate-level courses on Emerging Pathogens, Tropical Virology, Field Epidemiology, and Health and Human Rights
- ◆ Created co-learning teaching programme for students from Tulane and Sierra Leone, with course taught every summer in conjunction with Eastern Polytechnic University in Kenema, Sierra Leone

Medical Officer, Viral Special Pathogens Branch, U.S. Centers for Disease Control and Prevention, Atlanta, USA 1996-2003

- ◆ Awarded a cooperative grant from the American Association of Schools of Public Health to establish research project on Lassa fever in Guinea, West Africa, in a collaboration between CDC and Tulane
- ◆ Subsequently developing a research and surveillance program, including establishment of a diagnostic laboratory, in Guinea, with collaborative efforts in Kenema, Sierra Leone, serving as Director of the CDC West Africa Lassa Fever Program
- ◆ Directed outbreak response, surveillance activities, and research on emerging pathogens around the world, including against Ebola (Uganda, Gabon, Republic of the Congo), Marburg (Democratic Republic of the Congo), hantaviruses (Bolivia), and SARS-coronavirus-1 (Vietnam)
- ◆ Extensive laboratory research in biosafety level 2-4 laboratories with Ebola, Marburg, and Lassa viruses
- ◆ Acting Chief, Epidemiology Unit, 2001-02
- ◆ Commander, United States Public Health Service Commissioned Corps, 2001-03
- ◆ Consultant for United Nations Peace Keeping Missions in Sierra Leone and Liberia
- ◆ Regular lecturer at Emory University, Atlanta, USA and University of Alabama, Birmingham, USA

Director, Community Health and Training Project, International Medical Relief Fund, San Salvador and Suchitoto; Visiting Professor, Departments of Medicine and Microbiology, University of El Salvador, El Salvador, Central America, 1995-96

- ◆ Led community health project, organizing clinical care and training of health promoters in post-war El Salvador
- ◆ Provided regular lectures in tropical medicine to medical and public health students at San Carlos Hospital, University of El Salvador, San Salvador
- ◆ Conducted field research on prevalence of reduviid bug vectors of Chagas disease

ELECTED POSITIONS, APPOINTMENTS and COMMITTEES

World Health Organisation and Global Outbreak Alert and Response Network, Geneva, Switzerland

- 2022-present: Member, Strategic and Technical Advisory Group on Infectious Hazards with Pandemic and Epidemic Potential
- 2022-present: Member, International Health Regulations (2005) Emergency Committee for Mpox
- 2022-present: Member, WHO International Health Regulations (2005) Roster of Experts
- 2021-present: Member, Implementation Committee, International Pandemic Surveillance Network - Global Pandemic Radar, WHO Hub for Pandemic and Epidemic Intelligence, Berlin, Germany
- 2021-present Professor of Tropical Medicine (Honorary), LSHTM, London, UK
- 2021-23: Co-Chair, WHO Ebola Infection Prevention and Control Guidelines Group
- 2017-21: UK Representative to GOARN Steering Committee
- 2017-21: Co-Chair, GOARN Research Working Group
- 2015-16 Chair, WHO Advisory Committee for Innovative Personal Protective Equipment
- 2014-20: Member, WHO Committee on Monitored Emergency Use of Unregistered and Investigational Interventions (MEURI)
- 2014-20: Member, WHO Working Group on Clinical Care of Ebola Virus Disease and Emerging Viruses

- 2014-16: Chair, WHO Working Group for Guidelines on Personal Protective Materials for Ebola Virus Disease
- 2011-12: Member, WHO Working Group on Ethical Issues in Research and Surveillance: Epidemics, Pandemics and Public Health Crisis
- 2003-15: Tulane focal point for WHO GOARN

American Society of Tropical Medicine and Hygiene, Arlington, USA

- 2023-25: Past President and Chair of Nominating Committee, Medals Committee, and Distinguished International Fellows Committee
- 2021-23: President
- 2015-20: Scientific Programme Chair
- 2011-14: Board Member
- 2008-10: Member, Nominating Committee
- 1998-2004: Member, Young Investigator Award Committee
- 1998-99: Member, Scientific Programme Committee, Clinical Tropical Medicine and Bacteriology

Royal Society of Tropical Medicine and Hygiene, London, UK

- 2020-2022: Policy Advisor on Outbreaks / Scientific Advisor, Royal Society of Tropical Medicine and Hygiene

Africa Centres for Disease Control and Prevention, Addis Ababa, Ethiopia

- 2021-present: Member, Strategic Advisory Group of Experts
- 2021-23: Member, Planning Committee for International Conferences on Public Health in Africa

Tulane University, New Orleans, USA

- 2017-present: Professor with Tenure (presently adjunct), Tulane School of Public Health and Tropical Medicine, New Orleans, USA
- 2012-11: Faculty, Tulane Stone Center for Latin American Studies
- 2009-11: Member, Grievance Committee
- 2008-11: Member, Curriculum Committee
- 2004-11: Member, Steering Committee, Tulane School of Medicine Interdisciplinary Graduate Programme in Molecular and Cellular Biology
- 2004-11: Member, Steering Committee, Minority Health and Health Disparities International Research Training Grant, Tulane School of Public Health and Tropical Medicine
- 2004-11: Fellow, Center for Evidence-Based Global Health
- 2003-15: Tulane focal point for GOARN
- 2003-11: Faculty Advisor for Tulane Chapter of Doctors for Global Health

Other

- 2023-present: Member, Scientific Advisory Board, Global One Health Community, and Organizing Committee for 8th World One Health Congress, Cape Town, South Africa, 20-23 September, 2024
- 2021-present: Member, Forum on Microbial Threats, U.S. National Academy of Science, Washington, USA
- 2021-present: Member, Panel for a Global Public Health Convention, University of Miami, Miami, USA
- 2021-23: Member, Science Advisory Committee, Molecular Partners, Zurich-Schlieren, Switzerland
- 2019-23: Member, Lancet Infectious Diseases Commission on Pandemics
- 2018-present: Technical Advisor, Coalition for Epidemic Preparedness Innovation
- 2018-present: Fellow, United Kingdom Faculty of Public Health
- 2016-present: Member, Joint Mobile Emerging Disease Intervention Clinical Capability Scientific

- Expert Panel, U.S. Department of Defense
- 2015-present: Invited Professor, Infectious Disease Services, Department of Academic Internal Medicine and Specialties, Faculty of Medicine, University Hospitals of Geneva, Geneva, Switzerland
- 2014-15: Member, Scientific Committee of the 9th European Congress on Tropical Medicine and International Health, Basel, Switzerland, September 6-10, 2015
- 2012-20: Lecturer, The Gorgas Course in Tropical Medicine, University of Alabama at Birmingham/Instituto de Medicina Tropical Universidad Peruana Cayetano Heredia, Lima, Peru
- 2012-present: Member, Filovirus Animal Non-Clinical Group (FANG), U.S. Departments of Defense and Health and Human Services
- 2011-12: Member, Ethics Committee, International Vaccine Center, Cali, Colombia
- 2008-present: Member, NIH/NIAID Working Group on Clinical Management of Filovirus and Arenavirus Hemorrhagic Fevers and the Integrated Research Facility
- 1995-present: Founding Member, Board Member, and Former Vice President for global non-government organization Doctors for Global Health (<http://www.dghonline.org/>) and key contributor for organization's health and human rights programme in Chiapas, Mexico
- 1995-96: Visiting Professor, Departments of Medicine and Microbiology, University of El Salvador, El Salvador, Central America

HONOURS and AWARDS

- 2025: Tulane University International Alumni Award for Exceptional Achievement
- 2021: Elected President of the American Society of Tropical Medicine and Hygiene
- 2014: Elected Fellow of the American Society of Tropical Medicine and Hygiene
- 2010: *Clinical Infectious Diseases* Award for Outstanding Review
- 2005: Outstanding Unit Citation, SARS Outbreak Response Team, Surgeon General, U.S. Department of Health and Human Services
- 2004: Secretary's Award for Distinguished Service as a member of the SARS Outbreak Response Team, U.S. Department of Health and Human Services
- 2003: Foreign Duty Service Award, U.S. Public Health Service
- 2002: Secretary's Award for Distinguished Service as a member of the Uganda Ebola Outbreak Response Team, U.S. Department of Health and Human Services
- 2002: Foreign Duty Service Award, U.S. Public Health Service
- 2002: My article "The Ebola virus...and the challenges to health research in Africa" [*United Nations Chronicle* 2001, 38(2):6-13] selected as one of the top 10 publications of the National Center for Infectious Diseases, CDC, for the year 2001
- 1995: Travel award, American Society of Tropical Medicine and Hygiene
- 1994: Dean's Scholarship Award for highest grade point (4.0 on scale of 4.0); Valedictorian of Tulane School of Public Health and Tropical Medicine
- 1994: Elected to Delta Omega Public Health Honor Society
- 1988: Elected to Alpha Omega Alpha Medical Honor Society
- 1986-89: Elected President of Loyola Medical School Branch of Amnesty International, Maywood, USA
- 1980-82: Dean's List, Northwestern University, Evanston, USA
- 1979-80: Dean's List (i.e., recognition of the level of highest scholarship at a college or university), College of Wooster, Wooster, USA

GRANT SUPPORT and OTHER FUNDING

Over the course of career, procured over \$100 million in project funding from a diverse array of government, private sector, and philanthropic sources, including NIH/NIAID, Fogarty International Center, U.S. Department of Defense, CDC, WHO, FCDO, the Inter-American Institute for Global Change Research, and Google Foundation. Full list available on request.

JOURNAL REFEREE and EDITORIAL BOARDS

Peer-reviewer for over 50 medical journals and member of numerous editorial boards, including frequently for highly reputed journals such as the *Lancet*, *New England Journal of Medicine*, and the *Journal of Infectious Diseases*. Full list available upon request. Deputy Editor for *PLOS Neglected Tropical Diseases* (2013-19) and Academic Editor for *PLOS One* (2010-13). Guest Editor for special journal supplement on “Rapid Operational Research of SARS-CoV-2 Rapid Tests to Combat COVID-19 in Communities”, *American Journal of Tropical Medicine and Hygiene*

GRANT REFEREE

Frequent reviewer for a host of granting agencies, including the European and Developing Countries Clinical Trials Partnership (EDCCTP); Fogarty International Center; National Geographic Society; NIH/NIAID); U.S. National Science Foundation, and USAID (full list available upon request)

LANGUAGES

Fluent speaking, reading and writing: English (native language), Spanish and French
Basic conversational: Italian and Patois

INVITED LECTURES

Highly sought-after speaker at a broad range of international conferences and universities, usually as a plenary or keynote speaker (full list available on request), lecturing in English, French, or Spanish as appropriate

PUBLICATIONS

Author/co-author of over 250 scientific works on an eclectic range, including over 140 peer-reviewed manuscripts, chapters in classic texts such as Manson’s Tropical Medicine, Hunter’s Tropical Medicine and Emerging Infectious Disease, and Cecil-Goldman Textbook of Medicine, perspectives and editorials. Full list available upon request.

June 4, 2025