

CURRICULUM VITAE

THOMAS V. INGLESBY, MD

PERSONAL DATA

<p>Director Johns Hopkins Center for Health Security Professor, Environmental Health and Engineering Johns Hopkins Bloomberg School of Public Health Joint Appointment, Medicine Johns Hopkins School of Medicine [REDACTED] [REDACTED]</p>	<p>[REDACTED] [REDACTED] [REDACTED]</p>
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EDUCATION AND TRAINING

MD	1998 to 1992	Columbia University College of Physicians and Surgeons	New York, NY
BA, English Literature	1994 to 1988	Georgetown University	Washington, DC

Postdoctoral Training

1995	Johns Hopkins School of Medicine Department of Medicine Internal Medicine Residency	Baltimore, MD
1995-1996 and 1997-1999	Johns Hopkins School of Medicine Division of Infectious Diseases Infectious Disease Fellowship	Baltimore, MD

Licensing Board/State

Year

Medical License for State of Maryland	Current
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Certifying Board

Year

Federal DEA Certification	Current
Board Certification in Infectious Diseases (certified for 10 years)	1988
Board Certification in Internal Medicine (certified for 10 years)	1995

PROFESSIONAL EXPERIENCE

Years Inclusive	Name and Location of Institution or Organization	Rank/Title
08/2017 to Present	Professor, Johns Hopkins Bloomberg School of Public Health, Environmental Health and Engineering Department (With temporary detail at Health and Human Services (HHS) and the White House from February 2021 to April 2022 during COVID.)	Professor
08/2017 to Present	Joint Appointment, Medicine, Johns Hopkins School of Medicine	Professor
12/15/2021 to 04/15/2022	National Coordinator for Testing, White House COVID-19 Response Team	Senior Policy Advisor
02/16/2021 to 12/03/ 2021	COVID-19 Response Team, Office of the Secretary, US Department of Health and Human Services	Senior Policy Advisor
11/2020 to 01/ 2021	Biden - Harris Presidential Transition Team	Member
01/2017 to Present	Johns Hopkins Center for Health Security at the Johns Hopkins Bloomberg School of Public Health	Director
01/2017 to 08/2017	Johns Hopkins University Bloomberg School of Public Health, Department of Environmental Health and Engineering	Visiting Professor
03/2016 to 01/2017	University of Pittsburgh School of Medicine, Division of Infectious Diseases, Department of Medicine	Professor of Medicine
08/2016 to 01/2017	University of Pittsburgh School of Public Health, Department of Health Policy and Management	Professor of Public Health
10/2016 to 01/2017	Johns Hopkins School of Medicine, Department of Medicine, Division of Infectious Diseases	Adjunct Professor of Medicine
04/2005 to 03/2016	University of Pittsburgh School of Medicine, Department of Medicine, Division of Infectious Diseases	Associate Professor of Medicine
04/2005 to 08/2016	University of Pittsburgh Graduate School of Public Health, Department of Environmental and Occupational Health	Associate Professor
04/2013 to 01/2017	UPMC Center for Health Security, Baltimore, MD	Director and CEO
03/2009 to 04/2013	Center for Biosecurity of the University of Pittsburgh Medical Center, Baltimore, MD	Director and CEO
11/2003 to 11/2009	Center for Biosecurity of the University of Pittsburgh Medical Center, Baltimore, MD	Deputy Director and Chief Operating Officer

11/2003 to 3/2005	University of Pittsburgh School of Medicine, Department of Medicine, Division of Infectious Diseases	Visiting Associate Professor of Medicine
1999 to 2003	Johns Hopkins School of Medicine, Department of Medicine, Division of Infectious Disease	Assistant Professor of Medicine
2001 to 2003	Johns Hopkins University Schools of Medicine and Public Health, Center for Civilian Biodefense Strategies, Baltimore, MD	Deputy Director
1998 to 2001	Johns Hopkins University Schools of Medicine and Public Health, Center for Civilian Biodefense Strategies, Baltimore, MD	Founding Member and Senior Fellow
1996 to 1997	Johns Hopkins School of Medicine, Department of Medicine, Baltimore, MD	Assistant Chief of Service Chief Resident

Principal Responsibilities for Dr. Inglesby as Director of the Center for Health Security (2009-2020)

Leads the organization: sets mission and vision for the organization; develops and implements strategy; develops annual budget; identifies new hires of faculty and staff; directs research program; oversees operations for the 35 full-time members of the Center, as well as students and visiting researchers; oversees professional development; oversees project planning and evaluation; oversees press and digital communication; responsible for setting standards of scholarship, with Center output of more than 555 original articles, commentaries and reports published since its inception in 1999; and, responsible for ensuring approximately \$8M in annual fundraising of grants/contracts at a level sufficient to meet budget requirements.

PROFESSIONAL ACTIVITIES

Memberships in Professional Societies, Committees, Advisory Boards, Outside Professional Activities

Co-chair, Center for Strategic and International Studies (CSIS) CDC Reform		August 2022 to January 2023
Chair, WHO Health Security Interface – Technical Advisory Group (HIS-TAG)		September 6, 2022 to September 5, 2024
Member, Johns Hopkins Bloomberg School of Public Health, Committee on Appointments and Promotions		September 1, 2022 to August 31, 2025
Member, Johns Hopkins Bloomberg School of Public Health, Environmental Health and Engineering Department, Faculty Affairs Committee		September 1, 2022 to September 1, 2023
Member, Council on Criminal Justice		October 2020 to Present
Director, Capitol Hill Steering Committee on Pandemic Preparedness and Health Security		October 7, 2020 to Present
Commissioner, National Commission on COVID and Criminal Justice		June 2020 to December 2020

Advisor, Johns Hopkins University Health Advisory Group on COVID		June 17, 2020 to Present
Chair, Prevention and Preparedness, Feasibility Study on the Establishment of the ASEAN Centre for Public Health Emergencies and Emerging Diseases		June 2020 to October 2020
Member, Maryland Governor's COVID-19 Response and Advisory Committee		March 10, 2020 to Present
Member, National Academies of Sciences, Engineering, and Medicine (NASEM) Rapid Response Committee to White House on Coronavirus Data Needs		February 2020
Member Planning Committee, White House Office of Science and Technology Policy Summit on America's Bioeconomy		October 2019
Member, DARPA Ethical, Legal, and Social Implications Panel (ELSI)		August 2019
Member, Planning Committee, Understanding and Responding to Global Health Security Risks from Microbial Threats in the Arctic		May 2019 to November 2019
Member, Planning Committee, "High Impact Biothreats," Wilton Park, UK Foreign Office, West Sussex, UK		Jan 2018 to November 2018
Commissioner, Center for Strategic and International Studies Commission on Strengthening America's Health Security, Washington, DC		October 2020 to Present
Member, Biological Agent Containment Working Group (BACWG), CDC, Atlanta, GA		September 2017 to January 2020
Member, Planning Committee, "Understanding the Economics of Microbial Threats," US National Academies Forum on Microbial Threats, Washington, DC		January 2018 to June 2018
Member, Global Health Security Advisory Board of the World Economic Forum, Geneva, Switzerland		July 2017 to July 2019
Member, National Academies of Sciences Engineering and Medicine Panel on Planetary Protection and Terrestrial Contamination, Washington, DC		August 2017
Chair, Planning Committee and of March 2017 Meeting "Examining Opportunities for the Future of Medical and Public Health Preparedness," National Academies of Sciences, Engineering, and Medicine		November 2016 to March 2017
Member, Working Group on the Future of US Biosecurity, President's Council of Advisors on Science and Technology (PCAST), White House Office of Science and Technology Policy, Washington, DC		August 2015 to August 2016

Member Federal Select Agent Program Risk-Based Assessment, Mitigation, and Oversight Project, for CDC and Sandia Labs, Albuquerque, NM		May 2016 to August 2016
Member, Future of the National Preparedness and Response Science Board Working Group, ASPR, Department of Health and Human Services		June 2015 to January 2016
Member, IOM Emerging Threats Workshop Planning Committee		January 2015 to April 2015
Chair, National Advisory Committee for National Health Security Preparedness Index (NHSPI) of Robert Wood Johnson Foundation		2015 to 2018
Member, CDC Director appointed "External Laboratory Safety Working Group" examining biosafety practices of CDC, NIH, and FDA		July 2014 to December 2015
Chair, CDC sponsored National Health Security Preparedness Index (NHSPI)		January 2014 to December 2014
Steering Committee, CDC's Operation Dragon Fire		March 2013 to January 2016
Board of Directors, PurThread Technologies		2013 to 2020
Member, Biomedical Advanced Research and Development Authority (BARDA) Scientific Board of Advisors		2012 to September 2015
Co-Chair, Steering Committee/Chair, Governance Working Group, CDC National Health Security Preparedness Index (NHSPI)		February 2012 to December 2013
Member, Maryland Governor's Emergency Management Advisory Council (GEMAC)		January 2012 to December 2015
Chair, CDC Board of Scientific Counselors, Office of Public Health Preparedness and Response		2010 -2019
Member, Centers for Disease Control, National Biosurveillance Advisory Subcommittee		April 2010 to April 2011
Member, Committee on Science of the Anthrax Investigation, National Academies of Science, Washington, DC		May 2009 to January 2011
Member, Governor's H1N1 Flu Advisory Board, Department of Health and Mental Hygiene, Baltimore, MD		April 2009 to April 2010
Member, Centers for Disease Control and Prevention, Team B Advisory Group, 2009 H1N1 Influenza		May 2009 to December 2009
Member of Biological Emergency Advisory Team, Department of Homeland Security, Washington, DC		April 2007 to 2011

Member of Biodefense Net Assessment Executive Review Panel, Department of Homeland Security, Washington, DC		March 2007 to September 2013
Chair, Committee on Biodefense Analysis and Countermeasures, National Academy of Sciences, Washington, DC		January 2008 to June 2009
Member of National Research Council Standing Committee on Biodefense, National Academy of Sciences, Washington, DC		November 2007 to August 2009
Member, Task Force on SARS Quarantine Policy, US Department of Defense, Defense Science Board, Washington, DC		September 2003 to June 2004
Member, Committee on Biodefense Analysis & Countermeasures, National Academy of Sciences, Washington, DC		February 2007 to January 2008
Member, Advisory Panel on Modeling for Deliberate Release and Emergence of Infectious Agents, National Institute of General Medical Sciences, National Institutes of Health, Washington, DC		August 2002
Member, Blue Ribbon Panel on the Biomedical Research Agenda for Category A Bioterrorism Agents, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Washington, DC		February 2002
Member, Executive Committee, Johns Hopkins Hospital Critical Event Preparedness and Response (CEPAR), Baltimore, MD		2001 to 2003
Member, Committee Reviewing 1996 Olympic Clinical Treatment Protocols for Casualties Resulting from Terrorist Incidents Involving Weapons of Mass Destruction, Office of Emergency Preparedness, Department of Health and Human Services, Denver, CO		May 1999 to 2001
Member, Advisory Panel for the Maryland State Plan to Respond to Consequences of Weapons of Mass Destruction, Maryland Department of Health and Mental Hygiene, Baltimore, MD		1999 to 2000
Member, Committee on Initial National Pharmaceutical Stockpile Recommendations for the US Government, Office of Emergency Preparedness, Department of Health and Human Services, Washington, DC		March to April 1998

EDITORIAL ACTIVITIES

Editorial Appointments

Co-Editor, *Global Catastrophic Biological Risks*. Print ISBN 978-3-030-36310-9, Online ISBN 978-3-030-36311-6. DOI <https://doi.org/10.1007/978-3-030-36311-6>. December 2019.

Editor-in-Chief, *Health Security (formerly, Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science)*. January 2003–present.

Health Security (formerly Biosecurity and Bioterrorism) is a bimonthly peer-reviewed journal available in print and online by Mary Ann Liebert publishing. The journal's name was changed in 2015. The title was changed to reflect the broadening scope of interest, authors, and readers of the journal. It is the most influential journal dedicated to health security issues. It is a hybrid subscription/open access journal that is read in more than 170 countries by a wide international audience of individual and institutional subscribers. The journal's authors are primarily from US and international academic and health-related institutions, including the US CDC, US Department of Defense, the World Health Organization, and country ministries of health. The journal's current impact factor is 3.074 and the CiteScore is 3.1.

The journal provides essential guidance for preparation and response measures for communities in coping with major challenges resulting from biological, nuclear, chemical, manmade, or natural disasters. It illustrates past experiences and offers important insights into current practices as well as evolving systems and policies for the protection of people's health after epidemics or disasters. Its purpose is to serve as an international forum for debate and exploration of the research, innovations, methods, challenges, and ethical and legal dilemmas posed by biological weapons, disasters, epidemics, and infectious disease outbreaks. The journal provides multidisciplinary analyses and perspectives essential to the creation of strategies and programs that can improve global public health and security. The intended audiences for this journal are those professional communities that have strategic, scientific, or operational responsibilities critical to improving health, including medicine, public health, law, national security, bioscientific research, agriculture, food safety, and drug and vaccine development.

Special Section Editor, *Clinical Infectious Diseases*, section entitled: "Confronting Biological Weapons." *Clin Infect Dis*, Volume 38, Issue 6, 15 March 2004, Pages 882–889, <https://doi.org/10.1086/381976>. March 2004.

Journal Referee

- *American Journal of Tropical Medicine and Hygiene*
- *Annals of Emergency Medicine*
- *Annals of Internal Medicine*
- *Clinical Infectious Diseases*
- *Epidemiologic Reviews*
- *Emerging Infectious Diseases*
- *Elsevier Book Review*
- *Infections in Medicine*
- *Influenza and other Respiratory Viruses*
- *JAMA*
- *Nature*
- *New England Journal of Medicine*
- *The Lancet Infectious Diseases*
- *Nature Reviews*
- *Proceedings of the National Academy of Sciences*
- *Report of the Institute of Medicine*
- *Science*
- *The Lancet*
- *The Medical Letter*

PUBLICATIONS

Peer Reviewed

1. Jaspreet Pannu, Megan J. Palmer, Anita Cicero, David A. Relman, Marc Lipsitch, and **Tom Inglesby**. Strengthen oversight of risky research on pathogens. *Science*. 8 Dec 2022. Vol 378, Issue 6625, pp. 1170-1172, DOI: 10.1126/science.adf602
2. Amesh Adalja, **Tom Inglesby**. Commentary: A Novel International Monkeypox Outbreak. *Ann Intern Med*. 2022. June 07, 2022. DOI:10.7326/M22-1581
3. Tara Kirk Sell, Daniel Gastfriend, Matthew Watson, Crystal Watson, Lauren Richardson, Anita Cicero, **Tom Inglesby**, Nancy Connell. Building the global vaccine manufacturing capacity needed to respond to pandemics. *Vaccine*. [https:// DOI:https://doi.org/10.1016/j.vaccine.2021.02.017](https://doi.org/10.1016/j.vaccine.2021.02.017)doi.org/10.1016/j.vaccine.2021.02.017. Date posted: February 24. 2021.
4. Castrucci B, Juliano C, Inglesby TV. Four Steps to Building the Public Health System Needed to Cope with the Next Pandemic. *J Public Health Manag Pract*. 2021 Jan/Feb;27 Suppl 1, COVID-19 and Public Health: Looking Back, Moving Forward: S98-S100. doi: 10.1097/PHH.0000000000001303. PMID: 33239570.
5. Lewis, G., Jordan, J.L., Relman, D.A." **Inglesby, TV**. The biosecurity benefits of genetic engineering attribution. *Nat Commun* 11, 6294 (2020). <https://doi.org/10.1038/s41467-020-19149-2>. Published December 8, 2020.
6. Bar-Zeev N, **Inglesby T**. COVID-19 vaccines: early success and remaining challenges. *Lancet*. 2020 26 September-2 October; 396 (10255): 868–869. Doi: 10.1016/S0140-6736(20)31867-5. Published online 2020 Sep 4.
7. Hosangadi D, Warmbrod KL, Martin E, Adalja A, Cicero A, **Inglesby T**, Watson C, Watson M, Connell N. Enabling emergency mass vaccination: Innovations in manufacturing and administration during a pandemic. *Vaccine*. Doi: 10.1016/j.vaccine.2020.04.037. 2020 May 27; 38(26): 4167–4169. Published online 2020 Apr 20.
8. **Inglesby TV**. Public Health Measures and the Reproduction Number of SARS-CoV-2. *JAMA* Doi:110.1001/jama.2020.7878.
9. Adalja A, Toner E, **Inglesby TV**. Priorities for the US Health Community Responding to COVID-19. *JAMA* Doi: 10.1001/jama.2020.3413.
10. **Inglesby TV**, Lipsitch M. Proposed changes to U.S. policy on potential pandemic pathogen oversight and implementation. *mSphere* 5: e00990-19. Doi:10.1128/mSphere.00990-19.
11. Kobokovich A, West R, Montague M, **Inglesby T**, Kwik Gronvall G. Strengthening Security for Gene Synthesis: Recommendations for Governance. *Health Secur* 2019;17(6) Doi: 10.1089/hs.2019.0110
12. Watson C, Toner E, Shearer MP, Rivers C, Meyer D, Hurtado C, Watson M, Kwik Gronvall G, Adalja AA, Kirk Sell T, **Inglesby TV**, Cicero A. Clade X: A Pandemic Exercise. *Health Secur* 2019;17(5) Doi:10.1089/hs.2019.0097.
13. **Inglesby T**, Cicero A, Rivers C, Zhang W. Biosafety and biosecurity in the era of synthetic biology: meeting the challenges in China and the U.S. *Journal of Biosafety and Biosecurity* 2019;1(2):73-74. DOI: [https://Doi.org/10.1016/j.jobb.2019.09.003](https://doi.org/10.1016/j.jobb.2019.09.003)
14. Adalja AA, Watson M, Toner ES, Cicero A, **Inglesby TV**. Characteristics of Microbes Most Likely to Cause Pandemics and Global Catastrophes. *Curr Top Microbiol Immunol*. 2019. Print ISBN 978-3-030-36310-9, Online ISBN 978-3-030-36311-6. DOI [https://Doi.org/10.1007/82_2019_176](https://doi.org/10.1007/82_2019_176). First online 30 August 2019.
15. Adalja A, Inglesby TV. Broad-Spectrum Antiviral Agents: A Crucial Pandemic Tool. *Expert Rev Anti Infect Ther*. 2019; 17(7): 467–470. doi: 10.1080/14787210.2019.1635009. Published online 2019 Jun 24.

16. Cicero A, Meyer D, Shearer MP, Abu Bakar S, Bernard K, Carus WS, Chong CK, Fischer J, Hynes N, **Inglesby T**, Kwa CG, Makalinao I, Pangestu T, Sitompul R, Soebandrio A, Sudarmono P, Tjen D, Wibulpolprasert S, Yunus Z. Southeast Asia Strategic Multilateral Dialogue on Biosecurity. *Emerg Infect Dis* 2019;25(5): e5-e10. DOI: <https://doi.org/10.3201/eid2505.181659>. May 2019.
17. Gostin L, Phelan A, Coutinho AG, Eccleston-Turner M, Erondou N, Filani O, **Inglesby T**, Katz R, Maleche A, Nuzzo JB, Tomori O, Kavanagh M. Ebola in the Democratic Republic of the Congo: time to sound a global alert? *Lancet*. 2019. Feb 16; 393(10172):617-620.
18. Nuzzo JB, **Inglesby TV**. Ramping up the Response to Ebola. *N Engl J Med*. 2018 Dec 27;379(26):2490-2491. Doi: 10.1056/NEJMp1814296. Epub 2018 Nov 28.
19. **Inglesby TV**. Horsepox and the need for a new norm, more transparency, and stronger oversight for experiments that pose pandemic risks. *PLoS Pathog*. 2018 Oct 4;14(10): e1007129. Doi: 10.1371/journal.ppat.1007129. eCollection 2018 Oct.
20. Nuzzo JB, Cicero AJ, **Inglesby TV**. The importance of continued US investment to sustain momentum toward global health security. *JAMA* 2017 Nov 30. Doi: 10.1001/jama.2017.17188.
21. Schoch-Spana M, Cicero A, Adalja A, Gronvall G, Kirk Sell T, Meyer D, Nuzzo J, Ravi S, Shearer M, Toner E, Watson C, Watson M, **Inglesby TV**. Global Catastrophic Biological Risks: Toward a Working Definition. *Health Security*. 2017 Jul/Aug;15(4):323-328. Doi: 10.1089/hs.2017.0038.
22. Links JM, Schwartz BS, Lin S, Kanarek N, Mitrani-Reiser J, Sell TK, Watson CR, Ward D, Slemp C, Burhans R, Gill K, Igusa T, Zhao X, Aguirre B, Trainor J, Nigg J, **Inglesby TV**, Carbone E, Kendra JM. COPEWELL: A Conceptual Framework and System Dynamics Model for Predicting Community Functioning and Resilience After Disasters. *Disaster Med Public Health Prep* 2017 Jun 21:1-11. Doi: 10.1017/dmp.2017.39.
23. Tse B, Adalja A, Houchens C, Larsen J, **Inglesby TV**, Hatchett R. Challenges and Opportunities of Nontraditional Approaches to Treating Bacterial Infections. *Clinical Infectious Diseases*. 2017 April 17; 65(3):495-500. Doi: [org/10.1093/cid/cix320](https://doi.org/10.1093/cid/cix320).
24. **Inglesby T**, Relman D. How likely is it that biological agents will be used deliberately to cause widespread harm? *EMBO Reports* 2015; e201541674.
25. Lipsitch M, Esvelt K, **Inglesby T**. Calls for caution in genomic engineering should be a model for similar dialogue on pandemic pathogen research. *Ann Intern Med* 8 Sep 2015. Doi:10.7326/M15-1048.
26. Adalja A, Toner E, **Inglesby TV**. Clinical Management of Potential Bioterrorism-Related Conditions. *New England Journal of Medicine* 2015 Mar 5; 372:954-962.
27. Lipsitch, M, **Inglesby TV**. Moratorium on Research Intended to Create Novel Potential Pandemic Pathogens. *Mbio* 2014 Dec 12;5(6). pii: e02366-14. Doi: 10.1128/mBio.02366-14.
28. Toner E, Adalja A, **Inglesby T**. A primer on Ebola for clinicians. *Disaster Med Public Health Prep* 2014 Oct 17:1-5. Doi:10.1017/dmp.2014.115.
29. Uzun Jacobson E, **Inglesby T**, Khan AS, Rajotte JC, Burhans RL, Slemp CC, Links JM. Design of the National Health Security Preparedness Index. *Biosecur Bioterror* 2014;12(3):122-131. Doi: 10.1089/bsp.2014.0024.
30. Nuzzo J, Cicero A, Waldhorn R, **Inglesby TV**. Travel bans will increase the damage wrought by Ebola. *Biosecur Bioterror* 2014;12(6):306-309. Doi: 10.1089/bsp.2014.1030.
31. Smith K, Jarris PE, **Inglesby T**, Hatchett R, Kellermann AL. Public health preparedness research. *J Public Health Manag Pract* 2013;19(Suppl 2): S6-S8.
32. Toner ES, Adalja AA, Nuzzo JB, **Inglesby TV**, Henderson DA, Burke DS. Assessment of Serosurveys for H5N1. *Clin Infect Dis* 2013 May;56(9):1206-1212. Doi: 10.1093/cid/cit047.

33. Adalja AA, Wollner SB, **Inglesby TV**, Poste G. The globalization of US medical countermeasure production and its implications for national security. *Biosecur Bioterror* 2012;10(3):255-257. 10.1089/bsp.2012.0622.
34. **Inglesby TV**. Engineered H5N1: a rare time for restraint in science. *Ann Intern Med* 2012;156(6):460-462.
35. **Inglesby TV**. Progress in disaster planning and preparedness since 2001. *JAMA* 2011;306(12):1372-1373. Doi:10.1002/jama.2011.1359.
36. Henderson DA, Courtney B, **Inglesby TV**, Toner E, Nuzzo JB. Public health and medical responses to the 1957-58 influenza pandemic. *Biosecur Bioterror* 2009;7(3):265-273.
37. Courtney B, Easton J, **Inglesby TV**, SooHoo C. Maximizing state and local medical countermeasure stockpile investments through the Shelf-Life Extension Program. *Biosecur Bioterror* 2009;7(1):101-107.
38. Gronvall GK, Fitzgerald J, Chamberlain A, **Inglesby TV**, O'Toole T. High-containment biodefense research laboratories. *Biosecur Bioterror* 2007;5(1):75-85.
39. Hitchcock P, Chamberlain A, Van Wagoner M, **Inglesby TV**, O'Toole T. Challenges to global surveillance and response to infectious disease outbreaks of international importance. *Biosecur Bioterror* 2007;5(3):206-227.
40. Maldin B, Lam C, Franco C, Press D, Waldhorn R, Toner E, O'Toole T, **Inglesby TV**. Regional approaches to hospital preparedness. *Biosecur Bioterror* 2007;5(1):43-54.
41. Lam C, Waldhorn R, Toner E, **Inglesby TV**, O'Toole T. The prospect of using alternative medical care facilities in an influenza pandemic. *Biosecur Bioterror* 2006;4(4):384-390.
42. **Inglesby TV**, Nuzzo JB, O'Toole T, Henderson DA. Disease mitigation measures in the control of pandemic flu. *Biosecur Bioterror* 2006;4(4):366-375.
43. Franco C, Toner E, Waldhorn R, Maldin B, O'Toole T, **Inglesby TV**. Systemic collapse: Medical care in the aftermath of Hurricane Katrina. *Biosecur Bioterror* 2006;4(2):135-146.
44. Hitchcock PJ, Mair M, **Inglesby TV**, Gross J, Henderson DA, O'Toole T, Ahern-Seronde J, Bahnfleth WP, Brennan T, Burroughs HEB, Davidson C, Delp W, Ensor DS, Gomory R, Olsiewski P, Samet JM, Smith WM, Streifel AJ, White RH, Woods JE. Improving performance of HVAC systems to reduce exposure to aerosolized infectious agents in buildings; recommendations to reduce risks posed by biological attacks. *Biosecur Bioterror* 2006;4(1):41-54.
45. Rubinson L, Nuzzo JB, Talmor DS, O'Toole T, Kramer BR, **Inglesby TV**; Working Group on Emergency Mass Critical Care. Augmentation of hospital critical care capacity after bioterrorist attacks or epidemics: recommendations of the Working Group on Emergency Mass Critical Care. *Crit Care Med* 2005;33(10):2393-2403.
46. Schoch-Spana M, O'Toole T, **Inglesby TV**, Lien O; Working Group on Governance Dilemmas in Bioterrorism Response. Leading during bioattacks and epidemics with the public's trust and help. *Biosecur Bioterror* 2004;2(1):25-40.
47. Gursky E, **Inglesby TV**, O'Toole T. Anthrax 2001: observations on the medical and public health response. *Biosecur Bioterror* 2003;1(2):97-110.
48. Bartlett J, Borio L, Radonovich L, Mair JS, O'Toole T, Mair M, Halsey N, Grow R, **Inglesby TV**. Smallpox vaccination in 2003: key information for clinicians. *Clin Infect Dis* 2003;36(7):883-902
49. Kwik G, Fitzgerald J, **Inglesby TV**, O'Toole T. Biosecurity: responsible stewardship of bioscience in an age of catastrophic terrorism. *Biosecur Bioterror* 2003;1(1):27-35.
50. **Inglesby TV**, Henderson DA, O'Toole T, Dennis DT. Safety precautions to limit exposure to plague-infected patients. *JAMA* 2000;284(13):1648-1649.
51. Bartlett JG, **Inglesby TV**, Borio L. Management of anthrax. *Clin Infect Dis* 2002;35(7):851-858.

52. Borio L, **Inglesby T**, Peters CJ, Schmaljohn AL, Hughes JM, Jahrling PB, Ksiazek T, Johnson KM, Meyerhoff A, O'Toole T, Ascher MS, Bartlett J, Breman JG, Eitzen EM Jr, Hamburg M, Hauer J, Henderson DA, Johnson RT, Kwik G, Layton M, Lillibridge S, Nabel GJ, Osterholm MT, Perl TM, Russell P, Tonat K; Hemorrhagic Fever Viruses as Biological Weapons: Medical and Public Health Management. *JAMA* 2002;287(18):2391-2405.
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54. O'Toole T, Mair M, **Inglesby TV**. Shining light on "Dark Winter." *Clin Infect Dis* 2002;34(7):972-983.
55. Barbera J, Macintyre A, Gostin L, **Inglesby T**, O'Toole T, DeAtley C, Tonat K, Layton M. Large-scale quarantine following biological terrorism in the United States: scientific examination, logistic and legal limits, and possible consequences. *JAMA* 2001;286(21):2711-2717.
56. **Inglesby TV**. Observations from the TOPOFF exercise. *Public Health Rep* 2001;116(Suppl 2):64-68.
57. O'Toole T, **Inglesby TV**. Epidemic response scenario: decision-making in a time of plague. *Public Health Rep* 2001;116(Suppl 2):92-103.
58. Borio L, Frank D, Mani V, Chiriboga C, Pollanen M, Ripple M, Ali S, DiAngelo C, Lee J, Arden J, Titus J, Fowler D, O'Toole T, Masur H, Bartlett J, **Inglesby T**. Death due to bioterrorism-related inhalational anthrax: report of 2 patients. *JAMA* 2001;286(20):2554-2559.
59. Dennis DT, **Inglesby TV**, Henderson DA, Bartlett JG, Ascher MS, Eitzen E, Fine AD, Friedlander AM, Hauer J, Layton M, Lillibridge SR, McDade JE, Osterholm MT, O'Toole T, Parker G, Perl TM, Russell PK, Tonat K. Tularemia as a biological weapon: medical and public health management. *JAMA* 2001;285(21):2763-2773.
60. Arnon SS, Schechter R, **Inglesby TV**, Henderson DA, Bartlett JG, Ascher MS, Eitzen E, Fine AD, Hauer J, Layton M, Lillibridge S, Osterholm MT, O'Toole T, Parker G, Perl TM, Russell PK, Swerdlow DL, Tonat K. Botulinum. Toxin as a biological weapon: medical and public health management. *JAMA* 2001;285(8):1059-1070.
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2. **Tom Inglesby, MD** Anita Cicero, JD, Jaspreet Pannu, MD (Johns Hopkins University) Marc Lipsitch, DPhil (Harvard University) David Relman, MD (Stanford University). Response to the NSABB Document. "Proposed Biosecurity Oversight Framework for the Future of Science." January 27, 2023.
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110. **Inglesby TV**, Henderson DA. Recognition and treatment of anthrax. *JAMA* 1999;282(17):1625.
111. **Inglesby TV**. Anthrax: a possible case history. *Emerg Infect Dis* 1999;5(4):556-560.
112. O'Toole T, **Inglesby TV**. Battling infectious diseases. *Washington Times* July 9, 2003: A21.
113. O'Toole T, **Inglesby TV**. Response to facing the biological weapons threat. *Lancet* 2001;357(9254):482.
114. **Inglesby TV**. The germs of war: how biological weapons could threaten the civilian population. *Washington Post* December 9, 1998.

Book Editorships

1. **Inglesby TV**, Adalja AA. *Current Topics in Microbiology and Immunology: Global Catastrophic Biological Risks*. Springer International Publishing; 2019. DOI: 10.1007/978-3-030-36311-6. December 12, 2019.
2. Henderson DA, **Inglesby TV**, O'Toole. TJ. *Bioterrorism: Guidelines for Medical and Public Health Management*. JAMA & Archives Journals. Chicago: American Medical Association; 2002.
3. Bartlett JG, O Toole T, **Inglesby TV**, Mair M. *Bioterrorism and Public Health: An Internet Resource Guide*. Montvale, NJ: Thomson Medical Economics; 2002.

Book Chapters

1. Evans N, **Inglesby T**. Biosecurity and Public Health Ethics Issues Raised by Biological Threats: In: Mastroianni AC, Kahn JP, Kass NE, eds. *The Oxford Handbook of Public Health Ethics*. New York: Oxford University Press; Sep 2019. DOI: 10.1093/oxfordhb/9780190245191.001.0001.
2. **Inglesby TV**. Anthrax and plague. In: Scheld WM, Craig WA, Hughes JM, eds. *Emerging Infections 5*. Washington, DC: American Society of Microbiology Press; 2001:ch14.
3. **Inglesby TV**. Medical and public health threats posed by biological weapons. In: Alexander Y, Prior SD, eds. *Terrorism and Medical Responses: US Lessons and Policy Implications*. Ardsley, NY: Transnational Publishers; 2001.

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Inglesby TV, O'Toole T. Medical aspects of biological terrorism. In: *MKSAP: Medical Knowledge Self-Assessment Program*. 12th ed. Philadelphia: American College of Physicians; 2001.

World Book Encyclopedia, 2001.

The Johns Hopkins Complete Home Encyclopedia of Drugs. Margolis S, ed. New York, NY: Medletter Associates; 1998.

PRACTICE ACTIVITIES

Leadership of Major Exercises

October 23, 2022, Catastrophic Contagion Tabletop Exercise in partnership with WHO and the Bill & Melinda Gates Foundation, a pandemic tabletop exercise at the Grand Challenges Annual Meeting in Brussels, Belgium.

October 18, 2019, **Event 201** Tabletop Exercise convened with the Bill and Melinda Gates Foundation and the World Economic Forum -- illustrated the pandemic preparedness efforts, response decisions, and cooperation required from global businesses, governments, and public health leaders that the world will need to diminish the large-scale economic and societal consequences of a severe pandemic. New York, NY.

May 15, 2018, **The Clade X Pandemic** Tabletop Exercise illustrated high-level strategic decisions and policies that the United States and the world will need to pursue to prevent a pandemic or diminish its consequences should prevention fail. Washington, DC.

January 14, 2005, The **Atlantic Storm** Exercise was a ministerial table-top exercise. The exercise used a fictitious scenario designed to mimic a summit of transatlantic leaders forced to respond to a bioterrorist attack. Washington, DC

June 22-23, 2001, The **Dark Winter** Exercise, held at Andrews AFB, Washington, DC, portrayed a fictional scenario depicting a covert smallpox attack on US citizens. Washington DC.

Congressional Testimony

- **House Energy and Commerce Committee, Subcommittee on Oversight and Investigations Hearing**, "Challenges and Opportunities to Investigating the Origins of Pandemics and Other Biological Events." February 1, 2023.
- **U.S. Senate Homeland Security and Governmental Affairs Committee, Remote Roundtable "COVID-19: How New Information Should Drive Policy,"** May 6, 2020.
- **House Committee on Homeland Security Hearing**, "Confronting the Coronavirus: Perspectives on the Response to a Pandemic Threat," March 4, 2020.
- **U.S. Senate Homeland Security and Governmental Affairs Committee**, Roundtable "Are We Prepared? Protecting the U.S. from Global Pandemics," February 12, 2020.
- **U.S. Senate Committee on Armed Services**, Subcommittee on Emerging Threats and Capabilities, November 20, 2019.
- **U.S. Senate Committee on Health, Education, Labor, and Pensions**, "Facing 21st Century Public Health Threats: Our Nation's Preparedness and Response Capabilities," January 23, 2018
- **U.S. Senate Committee on Homeland Security and Governmental Affairs**, "Biological Security: The Risk of Dual Use Research," April 26, 2012

- **U.S. Senate Committee on Homeland Security and Governmental Affairs**, “Ten Years After 9/11 and the Anthrax Attacks: Protecting Against Biological Threats,” October 18, 2011
- **U.S. Senate Subcommittee on Bioterrorism and Public Health Preparedness**, Congressional Hearing on All Hazards Medical Preparedness and Response, April 5, 2006, Washington, DC
- **U.S. Senate Committee on Governmental Affairs**, “The State of Public Health Preparedness for Terrorism Involving Weapons of Mass Destruction; A Six-Month Report Card,” April 18, 2002

Leadership of Capitol Hill Steering Committee on Pandemic Preparedness and Health Security Presentations to Policymakers

- *What's new in the 2022 National Biodefense Strategy.* November 17, 2022
- *Strengthening Private Public Partnerships in Pandemic Preparedness for National Security and Economic Competitiveness.* July 20, 2022
- *COVID-19 Vaccination: What is Needed Now to Meet the Needs of the Hardest Hit Populations in the United States.* January 28, 2021
- *Launch of Capitol Hill Steering Committee Webinar.* October 7, 2022

Leadership of Congressional Seminars

- *What Can Congress Do to Prepare for the Next Pandemic?* June 8, 2020. Virtual.
- *What Congress Needs to Know About the 2019 Novel Coronavirus Outbreak.* February 13, 2020, Washington, DC
- *Ebola in DRC in Discussion with CDC Director Robert Redfield.* November 5, 2018, Washington, DC
- *What is Needed Now to Prepare for Major Health Emergencies.* June 29, 2017, Washington, DC
- *The Zika Virus Outbreak – What Is Needed for a Successful US Response?* March 1, 2016, Washington, DC
- *Building Resilient Communities: Ebola & Global Health Crises – Where We Need to Go,”* February 25, 2015, Washington, DC
- *The Ebola Outbreak: What’s Needed to End this Crisis?* September 24, 2014, Washington, DC
- *Considerations for the 2012 Reauthorization of PAHPA,* March 1, 2012, Washington, DC
- *Advancing US Resilience to a Nuclear Catastrophe,* October 17, 2011, Washington, DC
- *Considerations for 2011 Reauthorization of PAHPA,* March 25, 2011, Washington, DC

COVID-19 Briefings and Presentations

- Keynote Address: Universidad Peruana Cayetano Heredia, School of Public Health, Lima, Peru: *Advocating for COVID Strategies Based on Science.* November 17, 2020. Online presentation.
- Covid-19 Briefing for Green Visor Capital Annual Meeting of LPs: *What Have We Learned About COVID-19 and Where Do We Go from Here.* November 5, 2020. Online presentation.
- COVID-19 and the US Criminal Justice System: Panelist, *Evidence for Public Health Measures to Reduce Risk.* October 15, 2020. Online presentation.
- JHU-UW Vaccine Symposium: Preserving the Scientific Integrity of Getting to COVID-19 Vaccines: From Clinical Trials to Public Allocation. Panel Chair, *Integrity in Communications: Trials outcomes and the public.* October 6, 2020. Online presentation.

- Covid-19 Briefing for Citi Leadership: *Disease Spread and the Path Forward*. October 5, 2020. Online presentation.
- Khan Academy Homeroom with Sal & Tom Inglesby, MD: *How can schools and families create safe learning environments for students amidst the coronavirus?* September 8, 2020. Online presentation.
- House Intelligence Committee: *COVID 19 Informational Discussion*. September 2, 2020. Online presentation.
- Baltimore Raven's Medical Advisory Board: *COVID 19 Update to Letitia Dzirasa, M.D.* August 19, 2020. Online presentation.
- Brook Club: *Briefing on the Outlook for COVID 19*. August 17. Online presentation.
- Gina M. Raimondo, Governor of Rhode Island. *Public Health Refresh*. August 17, 2020. Online presentation.
- Rhode Island Department of Health: *Public Health Brief*. August 13, 2020. Online presentation.
- Virtual Seminar to Environmental Health and Engineering Department students at the Johns Hopkins Bloomberg School of Public Health on COVID-19. July 16, 2020. Online presentation.
- United Nations Office of Counter Terrorism: *COVID 19 and Future Pandemics: The Spectre of Bioterrorism. Analyzing the consequences of deliberate transmission of COVID-19 and deliberate release of viruses*. July 2, 2020. Online presentation.
- JHU World Order after COVID-19 Forum 1. *World Order after COVID 19 Forum. Panelist, Global Public Health, Ethics, Food Security, and Transnational Mitigation Strategies*. June 30, 2020. Online presentation.
- Jan Brown from the Commission on Presidential Debates: *COVID- 19 Prevention and Preparedness for 2020 Presidential Campaign*, June 10, 2020. Online presentation.
- Sengupta, Abhijit, Director of Artistic Planning at Carnegie Hall: *Phone call on COVID-19 Prevention*. June 1, 2020
- Swedish Civil Contingencies Agency (MSB) & Royal United Service Institute (RUSI): *Roundtable on Revamping Crisis Resilience and Security in the Post-pandemic World*, Virtual. May 19, 2020.
- VADM Sean Buck, Superintendent of the U.S. Naval Academy: *Overview of COVID-19*, JHU APL, Laurel, MD. May 27, 2020.
- Johns Hopkins ID Division COVID-19 Clinical Grand Rounds: *Pandemic Management: Social Distancing, Mitigation, and Reopening*, May 26, 2020. Online presentation.
- General David L. Goldfein, Chief of Staff of the U.S. Air Force: *Overview of COVID-19*, JHU APL, Laurel, MD. May 20, 2020.
- Homeland Security & Government Affairs Committee: *Roundtable, COVID-19 - How New Information Should Drive Policy*, May 21, 2020. Online presentation.
- Broadcast from the Johns Hopkins Bloomberg School of Public Health: *How to get re-Opening Right*. May 21, 2020
- Senator Gary Peters, Ranking Member, Homeland Security & Government Affairs Committee: *Overview of COVID-19*, May 5, 2020. Online presentation.
- General Mark A. Milley, Chairman of the Joint Chiefs of Staff: *Overview of COVID-19*, JHU APL. April 30, 2020. Online presentation.
- Cordish Companies: *Re-opening Protocols*, April 27, 2020. Online presentation.
- Bi-Weekly COVID Update to 50 trustees from JHU and JHM. April 21 – Present. Online presentation.
- District of Columbia Mayor's Office of Planning: *Planning to Reopen*. April 21, 2020. Online presentation.

- Asian Development Bank: Experts' Meeting on the COVID-19 Best Buy Interventions Guidance Note, April 14, 2020. Online presentation.
- Federal Reserve Board: Coronavirus Presentation, April 13, 2020. Online presentation.
- House Majority Leader's Briefing Teams: Outlook and Response on Covid-19 Briefing, April 10, 2020. Online presentation.
- Minority Committee Staff Team: COVID-19 Second Wave, April 9, 2020. Online presentation.
- Maryland General Assembly Joint Legislative Workgroup: COVID-19 Response, April 8, 2020. Online presentation.
- US Democratic Senators' Weekly Meeting : COVID-19 Briefing, March 12, 2020.
- Johns Hopkins University Board of Trustees: COVID-19 Update, New York, NY. March 6, 2020.
- Congressional Staff, Johns Hopkins COVID-19 Congressional Briefing, Washington, DC. March 6, 2020.
- Senator Roy Blunt: Update on nCOV-19, Washington, DC. February 13, 2020.
- Representative Tom Cole: Update on nCOV-19, Washington, DC. February 13, 2020.
- Mai Wan, Attaché (Science and Technology), The Embassy of PR China to the USA: Discuss nCOV-19. Baltimore, MD, February 11, 2020.

Select Presentations

- WHO Information Network for Epidemics (EPI-WIN), "Emerging biological threats: what are they and why are they a risk." Virtual Webinar. December 1, 2022.
- One World Congress 2022, Biosecurity Session Panelist. Virtual. November 9, 2022.
- India US Forum: A Shared Health Security Agenda, Speaker. Virtual. October 12, 2020.
- National Academies of Science, "Technology, and Health Capabilities within the Department of State and USAID at an Inflection Point" Workshop, Speaker. Virtual. September 21, 2020.
- HHS Healthcare System Leader External Stakeholder Listening Session, Facilitator. Washington, DC. February 19, 2020.
- Aspen Group Congressional Breakfast: Threats of a pandemic and how we can be better prepared, Washington, DC. November 29, 1918.
- Congressman Ami Bera: Background on biological threats and strategies. Washington, DC. September 13, 2018.
- Senator Kamala Harris Staff: Biosecurity Briefing, Google Hangout Video Conference, October 25, 2018.
- Selected Congressional Staff: Epidemic Simulation on the Hill interactive event with to Identify urgent gaps in global health security capability and the associated impact on Americans. Washington, DC. May 2018
- US Senate Congressional Staff: Public Health All-Hazards Reauthorization Act. Washington, DC. January 16, 2018
- White House National Security Council briefing: National Biodefense Strategy, Washington, DC. September 15, 2017.
- Officials from DOD, DHS, HHS, USDA, US Biodefense Strategy. Washington, DC, June 22, 2017.
- Jeff Bryant, MS, MSS, CDC OPHPR Division Director of Emergency Operations, Ed Rouse, Deputy Division Director of the Division of Emergency Operations, Catherine (Cassie) Sager OHPR Partnerships Team, Office of Policy, Planning, and Evaluation, August 1, 2017

- Doug Price, Director, Joint Program Executive Office of Joint Program in Chemical and Biological Defense, US Department of Defense, Briefing on International Biosecurity Exercises, April 2016
- John Fischer, Director, Chemical-Biological Defense Division at US Department of Homeland Security Advanced Research Projects Agency, Briefing on Next Generation Threat Awareness, February 2016
- Susan Monarez, Director for Medical Preparedness Policy, National Security Council, Executive Office of the President, Briefing on the National Health Security Preparedness Index (NHSPI), December 5, 2014
- Theresa L. Smith, Director for Medical Preparedness Policy, Resilience Directorate, National Security Staff, Executive Office of the President; Dr. Matthew Hepburn, Director, Medical Preparedness Policy, White House National Security Staff; Kathryn Brinsfield, National Security Staff, Executive Office of the President, Discussion of national biosurveillance strategy, surge capacity, hospital preparedness, and scarce resources, June 21, 2012, Washington, DC
- Philip E. Coyle, III, Associate Director for National Security and International Affairs, National Security and International Affairs Division, Office of Science and Technology Policy, Executive Office of the President, Briefing on biosecurity issues, January 28, 2011, Washington, DC
- Nicole Lurie, Assistant Secretary, Office of the Assistant Secretary for Preparedness and Response, Office of the Secretary, United States Department of Health and Human Services, January 13, 2010, Washington, DC
- Matthew Hepburn, Director, Medical Preparedness Policy, White House National Security Staff, Briefing on Briefing on biosecurity issues, January 7, 2011, Washington, DC
- Senator Thomas Harkin (D-IA), Chairman, Committee on Health, Education, Labor and Pensions, Chairman, Subcommittee on Labor, Health and Human Services, Education, and Related Agencies, Committee on Appropriations, Briefing on biosecurity policy, December 9, 2010, Washington, DC
- Tara O'Toole, Under Secretary for Science and Technology, Department of Homeland Security, November 30, 2010, Washington, DC
- Lisa Bernhardt, Professional Staff Member, Majority Staff, Committee on Appropriations, November 4, 2010, Washington, DC
- Ali Khan, Assistant Surgeon General and Director, Office of Public Health Preparedness and Response; and Dr. Lynn Austin, Deputy Director, Office of Public Health Preparedness and Response, Department of Health and Human Services (HHS), Centers for Disease Control (CDC), September 13, 2010, Baltimore, MD
- Anna Abram, Health Policy Director, Office of Senator Richard Burr (R-NC), July 28, 2010, Washington, DC
- Alice Hill, Counselor to the Secretary of the U.S. Department of Homeland Security, Briefing on biosecurity issues, April 15, 2010, Baltimore, MD
- James Smythers and Eric Chapman, Staff Members on Senate Select Committee on Intelligence, Briefing on biological threats and the intelligence community, May 18, 2009, Washington, DC
- Jofi Joseph, Legislative Assistant; and Ashley Stover, Legislative Aide, Office of Senator Robert P. Casey (D-PA), Briefing on biological threats and response and preparedness for nuclear detonations, May 18, 2009, Washington, DC
- Senate Briefing on H1N1 Swine Flu: "A Wake-up Call: What We Can Learn from the H1N1 Flu Outbreak," sponsored by Trust for America's Health, May 4, 2009, Washington, DC
- Brent Scowcroft, former National Security Advisor to Presidents George H. W. Bush and Gerald Ford on the U.S. government biodefense policy, February 19, 2009, Washington, DC
- Tammy Taylor, Executive Office of the President, Office of Science & Technology Policy; and Ben Brunjes, Homeland Security Institute, Briefing on nuclear detonation consequence management, February 17, 2009, Washington, DC

- Governor Tom Ridge, former Secretary of U.S. Department of Homeland Security, briefing on biosecurity strategy and White House biosecurity organization and staffing, February 9, 2009, Washington, DC
- Eric Pelofsky, Senate Select Intelligence Committee Staff member; and Edward Levine, Senate Foreign Relations Committee Staff member, Briefing on biosecurity issues in the intelligence community, January 7, 2009, Washington, DC
- Aaron Firoved, Whitney Miller, Rob Strayer, and Asha Mathew, Staffers in offices of Senator Susan Collins (R-ME) and Senator Joseph Lieberman (I-CT) on World at Risk report, December 18, 2008, Washington, DC
- Carol Linden, PhD, Deputy Director, Biomedical Advanced Research and Development Authority (BARDA), Office of the Assistant Secretary for Preparedness and Response, US Department of Health and Human Services, UPMC/DARPA Industry Outreach Discussion, October 20, 2008, Washington, DC
- Senator Sheldon Whitehouse (D-RI), on intelligence and the biological threat, May 14, 2008, Washington, DC
- Congressional briefing at a Capitol Hill event entitled "Ready or Not? Protecting the Public's Health from Diseases, Disasters, and Bioterrorism," sponsored by Trust for America's Health, March 3, 2008
- White House Briefing, Robert Kadlec, Special Assistant to the President and Senior Director for Biodefense and staff, on ensuring biologics manufacturing capacity for the Department of Defense, January 17, 2008, Washington, DC
- House Budget Committee, on strategic biodefense investments, July 24, 2007, Washington, DC
- Congressman John Spratt (D-SC), Chair, House Budget Committee, on strategic biodefense investments, July 24, 2007, Washington, DC
- Michael Sheehy, Chief Foreign Policy Advisor to Rep. Nancy Pelosi (D-CA), on Congressional Biodefense Caucus, July 16, 2007, Washington, DC
- Congressman David Price (D-NC), Chair, House Homeland Security Appropriations Subcommittee, on biosecurity, March 6, 2007, Washington, DC
- Congressional Staff from House and Senate Committees with responsibility for pandemic preparedness, briefing on "Where Will We Be When a Killer Flu Hits? Pandemic Influenza: When, Not If," January 30, 2007, Washington, DC
- Staff of the Energy and Commerce Committee, U.S. House of Representatives, Briefing on "Biodefense and Pandemic Vaccine and Drug Development Act of 2006," September 6, 2006, Washington, DC
- Staff of the Energy and Commerce Committee, U.S. House of Representatives, Briefing on biodefense countermeasure development and strategy, June 6, 2006, Washington, DC
- Staff of the Subcommittee on Bioterrorism and Public Health Preparedness, U.S. Senate, Briefing on the reauthorization of the Public Health Security and Bioterrorism Preparedness and Response Act, April 27, 2006, Washington, DC
- Staff of Energy and Commerce Committee, U.S. House of Representatives, Briefing on biodefense countermeasures and threat, March 2006, Washington, DC
- Secretary Michael Chertoff, Chief Medical Officer; Jeff Runge, Director of Development Office of Research; and Maureen McCarthy, Department of Homeland Security, Briefing on biosecurity, October 2005, Washington, DC
- U.S. Department of Health and Human Services, Briefing on Atlantic Storm exercise, July 27, 2005, Washington, DC
- Staff of Homeland Security Council/National Security Council, Briefing on Atlantic Storm exercise, May 31, 2005, Washington, DC
- U.S. State Department, Briefing on Atlantic Storm exercise, April 26, 2005, Washington, DC

- Staff of Homeland Security Committee, U.S. House of Representatives, Briefing on the Atlantic Storm exercise, January 27, 2005, Washington, DC
- Secretary Tom Ridge, Roundtable Presentation: “Medical and Hospital Response to Bioterrorism,” Center for the Study of the Presidency, August 2003, Washington, DC
- Staff of Homeland Security Committee, U.S. House of Representatives, Briefing on bioterrorism policy and response, July 14, 2001, Washington, DC
- Homeland Security Advisor Tom Ridge, Discussion of biodefense threat and response strategy, September 11, 2002, White House, Washington DC
- Vice President Cheney (with John Hamre, Tara O’Toole, Randy Larsen), Presentation on the Dark Winter exercise, September 2001, White House, Washington, DC
- Congressman Gene Taylor (D-MS), Chair, House Armed Services Committee, Presentation on Dark Winter exercise, August 2001, Rayburn Building, US Congress, Washington, DC
- Briefing and Scenario Presentation for Attorney General Janet Reno, Secretary of Health and Human Services Donna Shalala, Surgeon General David Satcher, and the senior staff of the Departments of Justice and Health and Human Services in anticipation of the Federal TOPOFF Bioterrorism exercise, May 2000, Washington, DC

Select International Briefings to Government/Policy-makers

- Charity Roundtable at Founders Pledge Forum 2019, London, UK, June 11, 2019.
- “Powerful Actor, High Impact Biothreats,” Wilton Park, West Sussex, UK, November 7-9, 2018.
- Biosecurity in India, BWC Side Event, including Ambassador Amandeep Singh Gill, Permanent Representative of India to the Conference on Disarmament and Chair of MSP to the BWC, Geneva, Switzerland, December 5, 2017.
- Tomoya Saito, MD, MPH, PhD, Department of Health Crisis Management, National Institute of Public Health, Japan, June 5, 2017.
- Global Health Security Index International Expert Panel Meeting, London, UK, April 26-29, 2017.
- South African Global Health Security Delegation to US, including Dr. W. G. James, Member of Parliament, Democratic Alliance, Shadow Minister of Health, Parliament of the Republic of South Africa; Prof. Glenda E. Gray, MBBCh, FCPaed, DSc President of the South Africa Medical Research Council, October 2016.
- Stephen Bartlett, British Defense Staff, CBRNE Threat Reduction, British Embassy, October 2016.
- SR Rao, Department of Biotechnology in the Indian Ministry of Science and Technology, September 2016.
- Nam Take Lee and Ik-Hwan Kim, Directors of the University of Korea Biodefense Research Institute, April 2016.
- Kingdom of Saudi Arabia, Dr. Ziad Memish, Deputy Minister of Health for Public Health, August 22, 2013.
- Swedish Civil Contingencies Agency, Anne Lindquist Anderberg, Program Advisor, US/DHS S & T Agreement; AniBio Threat, Richard Knutsson, Project Director; Sweden Ministry of Defense, Pia Ovelius, Director, Department for Crisis Preparedness, July 9, 2013
- Kuwait Ministry of Health, Dr. Al-Saleh, Director of Communicable Disease Unit, Dr. Munther Al-Jazahmah, Deputy Director of Emergency Medical Services, June 12, 2013
- The Kuwait Infectious Disease Hospital, Dr. Ghanem Al-Hujailan, Director, Kuwait, June 12, 2013
- Kuwait Red Crescent Society (KRCS), Barges Hmaud Al Barges, Director, Yousef Al-Merag, Director, Disaster Medicine, June 2013

- New Taipei City Department of Health, Dr. Chi-Hung Lin, Commissioner, December 6, 2012
- Institute of Population Health Sciences, Dr. Ming Liang Lee, Commander, SARS Response and Control Containment Center, December 6, 2012
- TaoYuan General Hospital, Dr. Jong Nian Xu, Superintendent, December 4, 2012
- Taiwan Centers for Disease Control (CDC), Dr. Feng-Yee Chang, Director General, December 4, 2012
- Taiwan Ministry of Health, Dr. Wen-Ta Chiu, Minister of Health, and Dr. Tzou-Yien Lin, Deputy Minister of Health, December 3, 2012
- China Arms Control and Disarmament Association (CACDA), Dr. Gao Ping Zhao, Director, and Dr. Li Hong, Secretary General, September 27, 2012
- Shanghai CDC, Dr. Fan Wu, Chief Doctor and Director General of Shanghai Municipal Center for Disease Control; Xi Zhang, Director, Lab of Microbiology; Dr. Min Chen, Deputy, Lab of Microbiology; Wenjing Wang, Director, Unit of Molecular Biology Research; Huanyu Wu, Director, Emergency Response Office; Yi He, Deputy Director, Department of Integrated Management; Dr. Yong Chen, Department of Science and Education; Dr. Dong Yuan, Director, Office of International Cooperation; Ms. Yan Song, Office of International Cooperation, September 24, 2012
- China CDC/Division of Disease Control and Emergency Response, Dr. Feng Zijian, Executive Director, China-US Collaborative Program on Emerging Infectious Disease, May 16, 2012
- Chinese Academy of Sciences, Dr. Li Huang, Director, Institute of Microbiology, July 15, 2011
- China Ministry of Health, Dr. Wu Jing, Director, Division of Precaution, Office of Health Emergency Response Office, July 15, 2011
- UK Department of Health, Dr. Hillary Walker, Deputy Director for Emergency Planning Division, July 20, 2010
- UK Home Office, Rachel Leighton, Head of Biological & Chemical Threats Policy; Catherine Terry, International & CT Intelligence, CBRN Unit; Ian Evans, Head of Operational Policy, CBRNE Unit; Brian Hampson, International S&T Engagement, OSCT Science & Technology, July 20, 2010
- UK Defense Intelligence, Chris Humphries, July 21, 2010
- UK Cabinet Office, John Tesh, Deputy Director, Civil Contingencies Secretariat, July 21, 2010
- UK Health Protection Agency, Dr. John Simpson, Head of Emergency Preparedness and Response, July 22, 2010
- UK Defense Science and Technology Laboratory, Dr. Miles Carroll, Site Director, July 22, 2010
- French Ministry of Foreign and European Affairs, Camille Grand and Daniel Ratier, Office of Strategic Affairs and Disarmament, October 30, 2007
- Fondation pour la Recherche Strategique (FRS), hosted by Guillaume Schlumberger, Director FRS; LTC Philippe Sarron, Chief of COGIC, French Ministry of Interior; LT Edwige Blandin, Section on Civil Defense/NRBC, National Gendarmerie; Claire Arnould, SGDN (Secretary General for National Defense, Office of the French President); LTC Richard Morel, French MoD General Staff, Arms Control Division, CBRN Defense, October 30, 2007
- Paris Fire Brigade (BSPP), hosted by Brigadier General Joël Prieur, Commander BSPP; Dr. Dominique Vidal, Head of Department of Biology of Communicable Disease Agents, CRSSA, French MoD; Michel Desgranges, Deputy Director of the Defense Biological and Chemical Studies Center (CEB), French MoD, October 29, 2007
- German Ministry of the Interior, Dr. Markus Kerber, Head of the Department for Policy Planning for Europe and International Developments; Hans-Georg Engelke, Head of the Division on Terrorism by Foreigners and

Extremists; Dr. Johannes Raschka, Division on International Developments, Analysis, and Evaluation, October 23, 2006

- German Chancellery, Briefing hosted by Rolf Nikel, Deputy Director General for Foreign Affairs, Security Policy, and Global Issues (aka Deputy National Security Advisor), October 23, 2006
- Meeting with high-level German officials, Markus Ederer, German Foreign Ministry, Head of Policy Planning; Ruprecht Polenz, Member of the German Bundestag (Parliament), Chairman of the Committee on Foreign Affairs; Dr. Michael Fuchs, Chief of Staff, Foreign Affairs Committee of the German Bundestag; Dr. Volker Perthes, Director of the German Institute for International and Security Affairs, October 23, 2006
- Robert Koch Institute, Berlin, Germany, Dr. Reinhard Burger, Vice President and Head of Department of Infectious Disease; Dr. Walter Biederbick, Head of Federal Information Centre for Biological Security; Dr. Lukas Wasielewski, German Foreign Ministry, Department of Disarmament and Arms Control, October 24, 2006
- Eckart von Klaeden, Member of the German Bundestag and Foreign Policy Spokesman for the CDU/CSU parliamentary coalition; Dr. Heinrich Kreft, Senior Foreign Policy Advisor to Mr. von Klaeden, October 24, 2006
- German Federal Academy for Security Policy, Briefing hosted by Rudolf Adam, President of the Academy, October 24, 2006
- Dr. Anders Tegnell, Director, Communicable Disease Prevention and Control, Swedish National Board of Health and Welfare, October 25, 2006
- Swedish Ministry of Defense, Olle Jonsson, Director of International Affairs; Michael Mohr, Director of the Defense Commission, Bengt Sundelius, Chief Scientist, Swedish Emergency Management Agency, October 25, 2006
- European Center for Disease Prevention and Control (ECDC), Zsuzsanna Jakab, Director; Dr. Denis Coulombier, Head of Unit for Preparedness and Response; John O'Toole, External Relations and Partnerships; Prof. Angus Nicoll, Unit of Scientific Advice; Dr. Amanda Ozin, Unit of Scientific Advice, October 25, 2006
- NATO Headquarters, Adam Kobieracki, Assistant Secretary General for Operations; Lt. Col. Hans-Jürgen Jacob, WMD Center; Lt. Col. Rainer Bürling, Plans and Policy Division; Dr. Denisa-Elena Lonete, Civil Emergency Planning Operations Division, October 26, 2006
- European Union, Gijs de Vries, Counter-terrorism Coordinator for the European Union; Marek Grela, Director of the Office for Transatlantic Relations in the European Council, October 26, 2006
- US Embassies to the EU, NATO, and Belgium, Briefing hosted by Mike McKinley, Deputy Chief of Mission for the US Embassy to the EU, October 26, 2006

Selected Media Interviews or Appearances

Print Interviews

- | | | |
|-------------------------------------|-----------------------------|------------------------------|
| • Associated Press | • Investor's Business Daily | • Reuters |
| • Bloomberg news | • Los Angeles Times | • Science |
| • Boston Globe | • Nature | • The Atlantic |
| • Bulletin of the Atomic Scientists | • Nature Medicine | • Time |
| • Congressional Quarterly | • New York Newsday | • United Press International |
| • Global Security Newswire | • New York Times | • US News World Report |
| • Government Executive | • Newsweek | • USA Today |
| • Guardian | • Pittsburgh Post-Gazette | • Wall Street Journal |

- STAT
- Washington Post
- Washington Times
- Winnipeg Free Press

Television Interviews

- ABC World News Tonight
- CBS Evening News
- CNN News
- C-Span Washington Journal
- Discovery Channel
- Face the Nation
- Fox News
- Maryland Public Television
- NBC Nightly News
- MSNBC

Radio Interviews

- National Public Radio (NPR) Interviews: All Things Considered, Morning Edition, Talk of the Nation, Diane Rehm Show, Weekend Edition, Science Friday, Marketplace
- BBC Radio
- Bloomberg News

Podcasts

- **In the Bubble with Andy Slavitt.** *COVID-19 Updates in the US.* Interviewed by Andy Slavitt. November 16, 2020.
- **80,000 Hours.** *The careers and policies that can prevent global catastrophic biological risks, according to world-leading health security expert Dr. Inglesby.* Interviewed by Robert Wiblin. April 18, 2018.
- **Public Health United.** *On the Center for Health Security.* Interviewed by Nina Martin, 2017.

Clinical Service

Weekly Johns Hopkins Medical Continuity Clinic providing medical and HIV related care, Johns Hopkins Hospital, July 1997 to October 2022.

CURRICULUM VITAE

THOMAS V. INGLESBY, MD

PART II

TEACHING

- Lecturer, Johns Hopkins School of Public Health, Health Security Journal Club. Covid and Biosecurity. October 6, 2022.
- Dean's Lecture. Lessons from COVID-19 and Planning for Future Pandemics. May 2, 2022
- JHMI Guest Lecturer Intersession 2021.AS145.211. Stories of People Science and Medicine, Vaccination and the “New” Normal. January 14, 2021.
- JHSPH Guest Lecturer 3rd Term 550.608.13. Problem Solving in Public Health, on Public Health Preparedness Exercises, featuring COVID Brief. Daniel Barnett as instructor. TBD.
- JHSPH Guest Lecture in 550.844.01. Current Issues in Public Health: COVID-19 Pandemic Response. Caitlin Elizabeth Kennedy, Alain Bernard Labrique, Meghan D. McGinty, Jessica Atwell as instructors. October 22, 2020.
- JHSPH Guest Lecture in 80.670.01 Introduction to Public Health Emergency Preparedness, on “Public Health Preparedness Exercises, featuring Clade X and Covid-19 Update.” Daniel Barnett as instructor. April 14, 2020.
- Guest lecturer in Winter Institute Course 550.608.13. Problem Solving in Public Health, on Public Health Preparedness Exercises, featuring Clade X. Daniel Barnett as instructor. January 7, 2020.
- JHSPH Guest Lecture in 180.623.01 Infectious Disease Threats to Global Health Security online course: “Public Health and Biodefense,” Dr. Jennifer Nuzzo as Instructor. January 25, 2020.
- JHSPH Guest Lecture in 180.601.01 Environmental Health – Summer Term 2019 on “Environmental Disasters.” Meghan Davis, John Groopman, Brian Schwartz, and Jonathan Links as instructors. August 23, 2019.
- JHSPH Guest Lecture in 260.600.01 Introduction to the Biomedical Sciences, on “Health Security.” Gundula Bosch and Maggie P. Ware as instructors. August 22, 2019.
- JHSPH Guest Lecture in 550.608.19 Problem Solving in Public Health Course, on “Problem Solving Challenges, featuring Clade X.” Daniel J. Barnett and Michael J. Crupain as instructors. June 4, 2019.
- JHSPH Guest Lecture in 80.670.01 Introduction to Public Health Emergency Preparedness, on “Public Health Preparedness Exercises, featuring Clade X.” Daniel Barnett as instructor. April 11, 2019.
- JHSPH Guest Lecture in PH 180:624.01, Biotechnology and Health Security, “Deliberate Epidemics and Other Health Security Threats,” Dr. Gigi Gronvall as instructor. February 5, 2019.
- JHSPH Guest Lecture in 180.623.01 Infectious Disease Threats to Global Health Security, “Public Health and Biodefense,” Dr. Jennifer Nuzzo as Instructor. January 25, 2019.
- JHSPH Guest Lecture on One Health Tools, “Combining Human and Animal Science in One Health”. Megan Davis as instructor. January 17, 2019.
- JHSPH Guest Lecture in Public Health Methods, “Clade X Exercise”, Dr Dan Barnett as instructor. January 14, 2019.

- JHSPH Guest Lecture, “260.600.81 Introduction to the Biomedical Sciences, “Public Health Preparedness & the Johns Hopkins Center for Health Security,” Dr. Gundula Bosch as instructor. August 20, 2018.
- JHSPH Guest Lecture in Biophysics 250:106.300.306, “Catastrophic Biological Risks: Disaster Medicine and Health Preparedness,” Dr. PC Huang as instructor. April 24, 2018.
- JHSPH Guest Lecture in 180.623.01 Infectious Disease Threats to Global Health Security, “Public Health and Biodefense,” Dr. Jennifer Nuzzo as Instructor. February 1, 2018.
- JHSPH Guest Lecture in PH 180:624.01, Biotechnology and Health Security, “Deliberate Epidemics and Other Health Security Threats,” Dr. Gigi Gronvall. January 31, 2018.
- JHSPH Guest Lecture, 300.862.81 Current Issues in Public Health, Dr. Edyth Schoenrich and Dr. Meghan McGinty as instructors. Wednesday, February 22, 2017
- JHSPH Department of Environmental Health Grand Rounds. Health Security and the Changing Epidemic Preparedness Landscape. Friday November 10, 2017

ACADEMIC SERVICE since start of JHSPH 2017

- Appointed to Johns Hopkins Bloomberg School of Public Health Search Committee for the Chair of the Department of Epidemiology, February 25, 2023.
- Appointed to the Johns Hopkins Bloomberg School of Public Health Committee on Appointments and Promotions, September 1, 2022 through August 31, 2025.
- Appointed to the Johns Hopkins Bloomberg School of Public Health Environmental Health and Engineering Department Executive Committee, September 2022 through September 2023.
- Appointed to the Johns Hopkins Bloomberg School of Public Health Environmental Health and Engineering Department Faculty Affairs Committee, September 2022 through September 2023.
- JHSPH Faculty Senate member, September 1, 2019 to present
- JHSPH Department of Environmental Health and Engineering Executive Committee, May 2017 to present
- Department of Environmental Health and Engineering Faculty Mentoring Committee, August 2017 to present
- JHSPH Ad Hoc Committee for Appointments and Promotions for a candidate for promotion to Professor, December 2017 – to present
- Chair, Ad hoc Committee for promotion of Lauren Parker, PhD to the rank of Associate Scientist in Department of Health, Behavior and Society. Assigned December 2022.
- Chair, Ad hoc Committee for promotion of Donald Warne, MD, MPH to the rank of Professor in the Department of International Health. Assigned October 2022.

ADVISING

- Co-Advisor with Meghan Davis, DVM for Teresa Schlanser, MPH, Johns Hopkins Bloomberg School of Public Health, Environmental Health and Engineering. January 21, 2023.
- Chair, Examination Committee for Doctoral Preliminary Oral Exam of Diane Meyer, RN, MPH, “Forgone healthcare during the COVID-19 pandemic in Baltimore, MD.” November 14, 2022.

- Advisor to Roni Neff, PhD, Associate Professor, Johns Hopkins Bloomberg School of Public Health, Center for a Livable Future (Assigned in 2022)
- Advisor to Keeve Nachman, PhD, Associate Professor, Johns Hopkins Bloomberg School of Public Health, Center for a Livable Future (Assigned in 2022)
- Advisor to Chris Heaney, PhD, Associate Professor, Johns Hopkins Bloomberg School of Public Health, Environmental Health and Engineering (Assigned in 2022)
- Appointed as Representative to the Johns Hopkins Bloomberg School of Public Health Department of Environmental Health & Engineering Faculty Senate. September 1, 2019 to August 31, 2021.
- Part-time MPH student Jonathan Meiman, starting January 9, 2019.
- School wide committee for qualifying exams for Lauren Sauer, July 2019.
- PhD Thesis Committee for Lauren Sauer, July 2019 – present.

Dr. Inglesby has also taught and mentored in a range of other ways.

He has given hundreds of presentations and briefings to academic audiences, professional societies, and government audiences. He has organized and chaired dozens of large professional meetings on issues including the 2009 H1N1 response, MERS in the Middle East, preparedness for nuclear emergencies, biopreparedness a decade after 2001, and epidemic response in the US and China.

He has been a mentor and supervisor for 1 University of Pittsburgh Infectious Disease Fellow, 4 University of Pittsburgh Master of Public Health graduates, and 2 graduates at the University level. The Pittsburgh ID fellow, Dr. Amesh Adalja, completed his training and was then hired by Dr. Inglesby at the Center for Health Security. Most summers, the Center takes on 2-3 graduate students. In his time at the Center, he has mentored dozens of academics in training including research scholars who have gone on to now become: Director of the US Intelligence Applied Research Programs Agency (IARPA), of the Director of National Intelligence; Acting Chief Scientist of the FDA in addition to other scientists at the Food and Drug Administration; Director of the Critical Care Resuscitation Unit of the University of Maryland; senior scientist at the Department of Homeland Security; senior analyst at the US Government Accounting Office; an elected Maryland state representative; official in the Office of Disaster Assistance in USAID; Lead of Global Health Security, World Economic Forum; Senior physician scientist of the National Personal Protective Technology Laboratory of Office of NIOSH; and, Deputy Director of the Office of Emergency Management in NYC.

Dr. Inglesby has also led the Emerging Leaders in Biosecurity Initiative, an Open Philanthropy sponsored (earlier DOD sponsored) fellowship program that provides education, mentoring, and professional development to aspiring professionals in the field. It is a highly competitive program that selects 24 fellows from around the country (and 2 each from the UK and Canada) from science, academia, biotech, government, and public health. Many of the program's fellows have since moved into senior government positions. Fellows are now being selected for its 5th year.

Earlier in his career at Johns Hopkins, he had the below formal teaching responsibilities:

- Teaching Faculty and a principal organizer: Summer course “Medical and Public Health Aspects of Bioterrorism” in the Johns Hopkins School of Public Health’s Summer Institute in Health Policy and Management. June 12- 14, 2002. Approx. 50 attendees including state health officials, federal government officials, medical practitioners, military, and graduate students in public health.

- Teaching Faculty and a principal organizer: Summer course “Medical and Public Health Aspects of Bioterrorism” in the Johns Hopkins School of Public Health’s Summer Institute in Epidemiology. June 25- 27, 2001. Approx. 45 attendees including state health officials, federal government officials, medical practitioners, military, and graduate students in public health.
- Faculty Teaching Attending, Janeway Medical Service, Johns Hopkins Hospital. Lead Attending Rounds 3 days/week for residents & students, Aug 2002.
- Faculty Teaching Attending, Janeway Medical Service, Johns Hopkins Hospital. Lead Attending Rounds 3 days/week for residents & students, December 2001.
- Faculty Teaching Attending, Janeway Medical Service, Johns Hopkins Hospital. Led Attending Rounds 3 days/week for residents & med students, Dec 2000.
- Clinical Skills teacher: Semesters I and II, Johns Hopkins School of Med, 2000-2001.
- Clinical Skills teacher (alternate): Semesters I and II, Johns Hopkins School of Med, 1999-2000.
- Clinical Skills teacher: Semesters I and II, Johns Hopkins School of Med, 1998-1999.
- Assistant Chief of Service, Janeway Firm Medical Service, Johns Hopkins School of Medicine, 1996-7.

AWARDS & RECOGNITION

- Baltimore Sun Marylander of the Year Honorable Mention. 2020
- 100 Most Influential People in Health Care, Modern Healthcare. December 9, 2020
- 50 Most Influential Clinical Executives – 2020, Modern Healthcare. June 15, 2020
- Baltimore Magazine Top Doctors. 2020
- Excellence in Government Award, Government Executive. July 2022
- Stahler Rex Award, Lehigh Health System. 2002
- Society and Medicine Award, Columbia University College of Physicians and Surgeons. 1992

PRESENTATIONS

Select Scientific Meetings and Invited Seminars

- SAIS Kissinger Center Press Event, Panelist, World After COVID-19 Forum. Online. June 30 to July 1, 2020.
- Facilitator, HHS Healthcare System Leader External Stakeholder Listening Session, February 19, 2020.

- World Health Organization Scientific and Technology Advisory Group for Infectious Disease Hazards, Speaker on National Policies on Dual Use Science, December 3, 2019.
- National Academy of Sciences/Inter Academy Panel scientific meeting “Understanding Microbial Threats related to the melting Permafrost”, speaker and moderator on Arctic surveillance strategies for novel diseases; Herrenhausen Palace, Hannover, Germany, November 8, 2019.
- White House Office of Science and Technology Policy Summit on the Bioeconomy, Federal agency responsibilities for protecting and promoting the US Bioeconomy, White House, Washington DC, October 7, 2019.
- Biodefense Summit, Implementation of Biodefense Strategy, Invited Panelist, “Ensure Biodefense Preparedness Enterprise to Reduce the Impacts of Bio incidents, “National Academy of Sciences, Washington, DC. April 17, 2019.
- AMR/Pandemics Symposium, Invited Panelist, “Financial needs related to a pandemic”; International Monetary Fund, Washington, DC, February 12, 2019.
- Biosecurity Executive Group, “Ebola Presentation,” Arlington, VA, January 30, 2019.
- Davos Annual meeting of the World Economic Forum, Invited Panelist, “Global Pandemic Risks and Exercises,” World Economic Forum, Davos, Switzerland, January 23, 2019.
- Milken Institute. 2018 Future of Health Summit, Invited Panelist, “Disaster Preparedness and Public Health,” Washington, DC, October 24, 2018.
- RAND. Workshop on the Future of Global Health Security, Arlington, VA, October 17, 2018.
- World Economic Forum Global Risks Workshop. Invited participant and panel chair. “Biosecurity and Global Risks”, Geneva, Switzerland. October 4, 2018.
- CDC Grand Rounds. “Lessons from Clade X,” Atlanta, GA, September 17, 2018.
- CDC OPHPR. Clade X – A Pandemic Exercise – Behind the Scenes, Atlanta, GA, September 17, 2018.
- International Emerging Infectious Disease Conference of the CDC: Keynote speaker. Latest Developments in Public Health Preparedness. Atlanta, GA. August 28, 2018.
- CSIS. Commission on Strengthening America’s Health Security, 2nd Meeting, Panelist, “Clade X,” Washington, DC, October 2, 2018.
- National Academies of Sciences. Workshop on Understanding the Economics of Microbial Threats. Panelist, “The Global Catastrophic Biological Risks.” June 12, 2018.
- U.S. Department of State. Commemoration of the 1918 Influenza Pandemic. Panelist, “Our Vulnerabilities— A consensus of current gaps in influenza outbreak interventions to address, for a more effective response to pandemic influenza.” April 11, 2018.
- Members of the Public Health Community: Public Health in the Digital Age: Data Technologies for Outbreak Management - BNext Technology Focus Day. McLean, VA, February 15, 2018.
- Center for Strategic and International Studies’ (CSIS) US Commission on Health Security. “US Challenges and Priorities in Health Security”. Washington DC, January 10, 2018.
- Official Side Event of the MSP to the BWC: “India-US Strategic Dialogue on Biosecurity. Geneva, Switzerland, December 6, 2017.
- Meeting of the State Parties to the Biological Weapons Convention: Presentation to the State’s Parties - Statement of the Center for Health Security. Geneva, SW. December 5, 2017.
- National Academy of Sciences Inaugural Biosecurity Seminar. Washington, DC. September 27, 2017.

- Centers for Disease Control: COPEWELL Model of Disaster Resilience, August 30, 2017.
- National Press Club: “Chemical and Biological Security Preparedness”. Washington DC, May 24, 2017.
- Munich Security Conference: “Health Security Roundtable”. Washington DC. May 9, 2017.
- Harvard School of Public Health-National Academy of Medicine: “Pandemic Metrics”. National Academy of Medicine, Washington DC. April 18, 2017.
- 10th Annual Homeland Security Summit: “Future of Homeland Security”. George Mason University. March 23, 2017.
- National Academy of Medicine: “Future of Preparedness.” National Academy of Medicine. March 9, 2017.
- ABT Bold Thinkers Series: “Global Health Security Threats, Are We Prepared?” Washington DC, October 27, 2016.
- International Evaluation of Preparedness and the Global Health Security Agenda: “The Value of External Evaluation to Preparedness” Washington DC, October 19, 2016.
- National Health Security Preparedness Index Annual meeting: “Preparing for Emergencies: National Health Security Preparedness Index: A valuable tool to improve preparedness,” Washington DC, October 18, 2016
- Annual Natural Hazards Conference, “COPEWELL Model of Community Resilience”, Denver, CO, July 12, 2016.
- Institute of Medicine, Workshop on “Research Priorities to Inform Public Health and Medical Practice for Domestic Zika Virus,” Washington, DC February 16, 2016.
- Institute of Medicine, Workshop on “The Nation's Medical Countermeasure Stockpile: Opportunities to Improve the Sustainability of the CDC Strategic National Stockpile,” Washington, DC, February 4-5, 2016.
- Defense Threat Reduction Agency (DTRA), Briefing to Senior DOD officials on Multilateral Biosecurity Dialogues, Kuala Lumpur, Malaysia, February 1, 2016.
- 4th International Conference on Preparedness & Response of Healthcare Systems to Emergencies and Disasters – IPRED IV, Keynote Speaker, “Preparing for Bioterrorism and Public Health Emergencies,” Tel Aviv, Israel, January 10-13, 2016.
- National Science Advisory Board for Biosecurity (NSABB), Panelist on “Risks and Benefits Associated with Gain-of-Function (GOF) Studies,” Bethesda, MD, January 7-8, 2016.
- Multilateral Strategic Dialogue on Biosecurity Among Singapore, Malaysia, Indonesia & the United States, Kuala Lumpur, Malaysia, 2-3 December 2015.
- School of Advanced International Studies at Johns Hopkins University, Conference on Science Diplomacy – Round Table on Science and Health Diplomacy, Washington, DC, September 28, 2015.
- Office of Secretary of Defense, “Future of Biosecurity,” Pentagon, Washington, DC, September 17, 2015.
- Defence Academy of the United Kingdom, “US Lessons from Ebola,” Shrivenham, UK, August 7, 2015.
- National Defense University, “Biosecurity and Ebola,” Fort McNair, Washington, DC, May 13, 2015.
- Institute of Medicine, “Priorities in Medical Countermeasure Development” – Workshop on Enabling Rapid Response and Sustained Capability with Medical Countermeasures to Mitigate Risk of Emerging Infectious Diseases,” Washington, DC, March 27, 2015.

- Biomedical Advanced Research and Development Agency, “Using Models to Respond to Ebola,” Department of Health and Human Services, Washington, DC, December 15, 2014.
- National Health Security Preparedness Index, “The Value of the Index,” Capitol Hill, Washington DC, December 9, 2014.
- National Science Advisory Board for Biosecurity (NSABB), “The Benefits, Risks, and Ethical Considerations Associated with Gain-of-Function Studies Involving Pathogens with Pandemic Potential,” Bethesda, MD, October 22, 2014.
- World Health Organization Center for Mass Gathering Medicine, “How to Prepare for MERS during the Hajj,” Riyadh, Saudi Arabia, September 2013.
- APEC Workshop on Building Public Health Emergency Response Capacity, “Surveillance and Epidemic Response in the US—Valuable Lessons Learned,” Asia-Pacific Economic Cooperation, Shanghai, China, September 2012.
- The Royal Society, “Our Common Goal: Protecting Public Health from Avian Flu,” London, England, April 2012.
- IOM Preparedness Forum, “How Can Policy Makers Establish Mechanisms to Ensure Quality Control for Models They Depend On?” Institutes of Medicine, Washington, DC, April 2012.
- Inter-American Committee Against Terrorism of the Organization of American States, “International Cooperation in the Fight Against Terrorism: New Threats and Challenges for the 21st Century,” Washington, DC, October 29, 2009.
- President’s Council of Advisors on Science Technology H1N1 Meeting, “Key Questions and Policy Issues Surrounding H1N1,” Washington, DC, July 17, 2009.
- Ontario Agency for Health Protection and Promotion, “Pandemic Preparedness: The US Perspective,” Ontario, Canada, July 15, 2009.
- Advanced Development and Manufacturing, Defense Applied Research Projects Agency (DARPA), and University of Pittsburgh Medical Center, Washington, DC, January 2009.
- American Association for the Advancement of Science, “Biosecurity Priorities for the New Administration,” Washington, DC, December 15, 2008.
- Training Conference of Major Infectious Disease Emergencies and Bioterrorism Preparedness, “Lessons from the 2001 US Anthrax Attacks,” St. Margaret’s Hospital, Hong Kong, November 20, 2008.
- National Research Council Meeting, “Review of Division on Engineering and Physical Sciences Standing Committees, National Academies of Science, Washington, DC, April 2008.
- Johns Hopkins University School of Medicine, “Pandemic Flu and Its Impact on the Healthcare System and Its Resources,” Baltimore, MD, January 2007.
- 12th International Conference on Infectious Diseases, “The Political Dimensions of the Next Influenza Pandemic: A Threat to Global Health Security,” Lisbon, Portugal, June 2006.
- Health Summit on Emergency Preparedness, “Progress for Tomorrow: Preparing Now for the Next Disaster,” Washington, DC, April 2006.
- Department of Homeland Security, “Preparation for Multi Drug-Resistant Anthrax Attack,” Washington, DC, March 2006.
- Senate Bioterrorism and Public Health Preparedness Subcommittee Staff, “National Biodefense Act of 2005,” Roundtable discussion, Washington, DC, October 2005.

- National Security and Health Journalists of Knight Ridder News, "Pandemic Threat Presentation," Washington, DC, October 10, 2005.
- University of Louisville, Roles of Health Professionals in the Early Detection and Response to Terrorism, "The Atlantic Storm Exercise: Implications for National and International Biosecurity," Louisville, KY, September 9, 2005.
- Department of Homeland Security, Biological Threat Characterization Program, "Bioterrorism Risk Assessment," Colorado Springs, CO, July 2005.
- National Defense University 5th Annual Symposium, Center for the Study of Weapons of Mass Destruction "Combating WMD: A National Architecture for a New Century," Alexandria, VA, May 2005.
- International Institute for Strategic Studies Workshop, "Repairing the Damage: Towards a Transatlantic Consensus on WMD Terrorism and Proliferation," Washington, DC, April 2005.
- International Conference on Biosafety and Biorisks, "Atlantic Storm and International Epidemic Response," Lyon, France, March 2-3, 2005.
- Sandia National Laboratory and Los Alamos National Laboratory, Strategic Issues for Intelligence in the 21st Century Conference, "What Does the Future of Science and Technology Hold for the Practice of Intelligence?" Santa Fe, NM, December 6-7, 2004.
- Center for Medicare and Medicaid Services Evidence Forum, "Bioweapons in the 21st Century; Implications for Science, Health and Governance," Catonsville, MD, October 6, 2004.
- Advisory Panel to the Centers for Disease Control, "Strategic National Stockpile: Principles for Mass Casualty Mechanical Ventilation Working Group Meeting," Baltimore, MD, October 2004.
- National Institutes of Health, "Reevaluating Bioterrorism Agents and Potential Biological Threats," Bethesda, MD, July 2004.
- Department of Defense, Defense Advanced Research Projects Agency, "Engineered Virus and Threats," New York, NY, February 2004.
- Department of Homeland Security, National Biodefense Analysis and Countermeasures Center "Biological Threats Analysis Meeting," Atlanta, GA, February 2004.
- Department of Health and Human Services, Agency for HealthCare Research and Quality, "Expert Strategy Meeting on Bioterrorism and Health Care System Preparedness," Washington, DC, May 2003.
- Bethesda Navy Medical Center, Presentation to Medical Crew of the USS Comfort: "Clinical Discovery and Response to Bioterrorism and Biowarfare," Bethesda, MD, January 14, 2003.
- Scientific Journal Editors Meeting on Science and Security, Washington, DC, January 2003.
- American Society of Bioethics and Humanities, Keynote Presentation: "Dark Winter and the Implications for the Bioethics Community," Baltimore, MD, October 24, 2002.
- National Council on Economic Competitiveness, Business Leader Meeting on Bioterrorism," Washington, DC, August 2002.
- Excellence in Government Conference, "Government's Evolving Role in Preventing and Responding to Terrorism," Washington, DC, July 2002.
- Lehigh Valley Hospital, Stahler-Rex Endowed Lectureship, Lehigh, PA, May 6, 2002.
- Maryland Thoracic Society, Plenary Presentation: "Bioweapons: Implications for Physicians in 21st Century," Baltimore, MD, May 3, 2002.

- Columbia University National Health and Science Policy Seminar, Presentation: “The Health Care System in the 21st Century,” New York, NY, April 30, 2002.
- American College of Occupational and Environmental Medicine, Keynote Plenary Presentation: “Bioterrorism and the Role of Occupational and Environmental Medicine,” Chicago, IL, April 17, 2002.
- The Smithsonian Institution, Presentation to the Smithsonian Associates: “Bioterrorism: The Known and the Unknown,” Washington, DC, April 24, 2002.
- Los Alamos National Laboratory, Plenary Presentation: “National Security and the Threat of Bioweapons,” Los Alamos, NM, March 27, 2002.
- Food Security Summit, Plenary Presentation: “Bioterrorism and the Food Supply,” Washington, DC, March 13, 2002.
- National Institutes of Health (NIH), Fogarty Center, Conference on Consultation on Modeling Infectious Disease Meeting Presentation: “Dark Winter, TOPOFF and the Value of Drills in Responding to Bioterrorism,” Bethesda, MD, December 13, 2001.
- Accreditation Council on Graduate Medical Education, Presentation to the Council on Curriculum Development: “Medical Education and Bioterrorism,” Washington, DC, December 6, 2001.
- Infectious Diseases Society of America (IDSA) Annual Meeting, Plenary Presentation: “Anthrax and Bioweapons in Wake of Attacks of 2001,” San Francisco, CA, October 29, 2001.
- Associated Press Annual Meeting of Editors, Plenary Presentation: “Biodefense and the Media,” Milwaukee, WI, October 11, 2001.
- Defense Threat Reduction Agency of the US Department of Defense, Biennial Meeting of DTRA, Plenary Presentation: “Biodefense and the Department of Defense,” Norfolk, VA, September 4, 2001.
- National Governor’s Association, Summit on Terrorism, Plenary Presentation: “Bioterrorism Planning—The Challenge Ahead,” Washington, DC, July 10, 2001.
- Cantigny Conference Center, CDC, and American Bar Association Conference: Plenary Presentation: “Legal Aspects of Bioterrorism,” Chicago, IL, April 2001.
- Canadian National Pandemic Flu Conference, Plenary Presentation: “Bioterrorism and Pandemic Preparedness,” Montreal, Canada, April 2001.
- Potomac Institute of Policy Studies, “Response to Terrorism” Conference, Arlington, VA, March 16, 2001.
- Business Executives for National Security, Roundtable Discussion, “Bringing Business to the Bioterrorism Planning, Preparedness and Response Table,” Washington, DC, November 2000.
- The 2nd National Symposium on Medical and Public Health Response to Bioterrorism, Plenary Presentation: “Lessons from the TOPOFF Exercise,” Washington, DC, November 28-29, 2000.
- Harvard University Kennedy School of Government, Invited Biodefense Lecture in the course “Skills in the New World of Health Care,” Boston, MA, November 18, 2000.
- National Defense University, National War College, “The Psychological Aspects of Biological Attacks on the American Homeland,” Washington, DC, October 12, 2000.
- CDC Regional Bioterrorism Meeting, Scenario Presentation and Discussion, San Francisco, CA, September 12, 2000.
- American Academy for Advancement of Science, “Ethics of Scientific Participation in South African Bioweapons Program,” Washington, DC, August 2000.
- CDC Regional Bioterrorism Meeting, Scenario Presentation and Discussion, Denver, CO, August 12, 2000.

- CDC Regional Bioterrorism Meeting, Scenario Presentation and Discussion, St. Louis, MO, June 2000.
- CDC Regional Bioterrorism Meeting, Scenario Presentation and Discussion, Atlanta, GA, June 26, 2000.
- CDC Regional Bioterrorism Meeting, Scenario Presentation and Discussion, Philadelphia, PA, May 2000.
- Georgetown University School of Foreign Service, National Security Program, Presentation at “Biological Attack Meeting,” Washington, DC, April 28, 2000.
- Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Plenary Presentation: “Anthrax and Plague as Biological Weapons,” San Francisco, CA, September 1999.
- Centers for Disease Control, “Critical Biological Agents for Public Health Preparedness,” Atlanta, GA, June 1999.
- US Army Medical Research Institute of Infectious Diseases, “The Civilian Bioweapons Threat and Necessary Response,” Ft. Detrick, Frederick, MD, June 1999.
- University of Maryland, Knight Center for Specialized Journalism, Presentation: “The Challenge of Biodefense,” Baltimore, MD, 1999.

Personal Statement of Research and Practice Goals and Impact

CAREER PATH

Dr. Inglesby is a Professor with joint appointments at the Johns Hopkins Bloomberg School of Public Health and in the Johns Hopkins School of Medicine. Until January 16, 2017, he was Professor in the University of Pittsburgh’s School of Medicine, Department of Medicine, in the Division of Infectious Diseases with a secondary appointment as Professor at the University of Pittsburgh Graduate School of Public Health. He joined the faculty of the University of Pittsburgh Schools of Medicine and Public Health in 2003 as Associate Professor. Prior to that, he was Assistant Professor in the Johns Hopkins University School of Medicine, Department of Medicine, Division of Infectious Diseases.

Dr. Inglesby is also the Director of the Johns Hopkins Center for Health Security, serving in that role since 2016. The Center was originally founded by DA Henderson in 1998 at the Johns Hopkins School of Public Health. The mission of the Center is to protect people from epidemics and disasters through independent research, policy analysis, and program assessment. Inglesby and his Center colleagues study the organizations, policies, systems, and tools intended to prevent and respond to epidemics and other major public health crises. He directs the group of 35 people, which includes tenure track faculty, scientists, research associates, part time students, and editorial, communication, and administrative staff. Dr. Inglesby received his BA from Georgetown University and his MD from Columbia University College of Physicians and Surgeons. He completed his Internal Medicine residency and Infectious Diseases Fellowship at Johns Hopkins University Hospital. He was Assistant Chief of Service in the Johns Hopkins Department of Medicine from 1996 to 1997.

RESEARCH CONTRIBUTIONS

Dr. Inglesby is a nationally and internationally recognized research scholar, policy expert, and physician in the field of public health preparedness. He has focused on the consequences of emerging infectious diseases, pandemics, bioterrorism, biological laboratory safety, and other public health emergencies. He is author of 59 peer-reviewed articles and 87 additional monographs, proceedings, letters, commentaries, and book chapters. His H-index score is 27. He is the PI on \$21,360,000 in externally funded awards. He has been PI or co-PI on past grants and contracts totaling \$43,310,000. In addition, during his time as Director and earlier leadership roles at the Center, he has overseen the successful pursuit of more than \$24 million more in externally funded grants,

contracts and other awards for Center work by other Center principal investigators -- he was considered key personnel for a portion of that work.

Dr. Inglesby has published extensively on the health effects of biological weapons and effective response strategies. He was a lead author on a series of seminal *JAMA* peer-reviewed publications on the clinical and public health consequences of biological weapons. This series was compiled by *JAMA* into a book that became the most widely ordered book in *JAMA* history. In that series Dr. Inglesby was lead author on the paper "Anthrax as a biological weapon: medical and public health management." This article became one of the most important clinical resources available at the time of the national response to the anthrax events of 2001. This article, together with the updated 2002 *JAMA* anthrax article, has been cited more than 1,100 times in the peer-reviewed literature. He is also the author of articles on the clinical and public health management of anthrax, smallpox, plague, botulism, tularemia, and viral hemorrhagic fevers. He is senior author of a high-profile clinical review of potential bioterrorism-related conditions, published March 2015 in the *New England Journal of Medicine*.

Dr. Inglesby has authored a range of research papers related to public health preparedness and response. He has published several papers on hospital planning for catastrophes, including the health care system response to Katrina, mass critical care, the national disaster medical system, and health care system preparedness coalitions. This research has helped shape federal guidance and grants for US hospital preparedness. He has published research on the impact of quarantines and disease containment measures, global disease surveillance, field diagnostic strategies for infectious diseases, the national pharmaceutical stockpile for emergencies, preparedness for nuclear accident and nuclear terrorism, foodborne outbreak strategies, antimicrobial resistance and pandemic flu planning. He was invited to publish his views in *JAMA* regarding the country's progress in disaster planning in the decade after 2001. Overall, his published papers have been cited in the published literature over 6,196 times.

Dr. Inglesby is also widely known for his work on several high-profile exercises that he co-authored and convened. The first was called Dark Winter and took place in 2001. The results of Dark Winter became widely known and prompted several Congressional hearings as well as White House briefings. The exercise is credited with helping to spur the White House decision to acquire a smallpox vaccine reserve for the entire US. He also was a principal author and convener of the *Atlantic Storm* smallpox exercise, one of the most high-profile and influential exercises of its kind, which included senior leaders from 10 countries. He was a principal author and leader of the widely known *Clade X* exercise from May 2018 which simulated the US National Security Council response to a new pandemic. He was also a principal author and leader of the internationally recognized *Event 201* exercise, partnering with the World Economic Forum and the Bill and Melinda Gates Foundation and a range of global businesses to examine international pandemic preparedness gaps that need to be addressed by new public private partnerships.

Dr. Inglesby's work has focused on international health preparedness challenges. He and his team were invited by the Minister of Health in Taiwan on three different occasions to evaluate that country's public health preparedness programs and publish reports on their findings. He was asked to review the MERS infection control strategy of Kuwait. He was asked to provide recommendations to the Ministry of Health in Saudi Arabia regarding mass planning for the Hajj. He and his colleagues collaborated with the UK Home Office and the Department of Homeland Security to publish a report called "The Industrialization of Biology," a report read widely in the UK and US governments. He has chaired several Department of Defense sponsored Biosecurity Dialogues with leading scientists and officials in India, Singapore, Malaysia, and Indonesia.

Dr. Inglesby has helped shape the national and international dialogue and policy response to engineered H5N1 bird flu. Earlier relevant research efforts had focused on biocontainment lab planning, dual-use science, and scientific journal approaches to dual use. He has published papers analyzing the engineering efforts intended to confer human transmissibility to highly pathogenic influenza strains. His presentations at the NIH, the National Academies, and the Royal Academy as well as his articles in the *New York Times* and the *Annals of Internal*

Medicine helped spur international scientific community debate and dialogue. His paper in *Clinical Infectious Diseases* was one of the few studies that critically examined the global sero survey basis for case fatality rate calculations of H5N1. His paper on risk assessment for high path avian influenza gain of function work in *mBio* is one of the few published scientific papers that quantified risks and benefits of this work. He has published in *Mosphere* recommendations on how to revise the US policy on oversight of research in this field.

Dr. Inglesby and his colleagues have published several papers related to Ebola. His paper “A primer on Ebola for clinicians” was published in *Disaster Med Public Health Preparedness* and became the most frequently downloaded article in the journal’s history. He and his co-authors’ 2013 report on monoclonal antibodies for Ebola described the high clinical potential of Zmapp, which in turn led to greater government investment in its development. His paper analyzing travel ban proposals for Ebola was widely circulated at the White House. He was invited to speak on Capitol Hill on Ebola and to contribute to federal agency meetings on the Ebola response. His earlier *JAMA* paper analyzing medical and public health consequences of Ebola and other viral hemorrhagic fevers has been cited in the peer-reviewed literature more than 300 times. He published an analysis of the international response to Ebola in *NEJM* in December 2018.

Over the years, Center for Health Security projects that Dr. Inglesby has led or contributed to have helped shape or change programs at the Centers for Disease Control (CDC), the National Institutes of Health, the Biomedical Advance Research Development Authority (BARDA), the Assistant Secretary for Preparedness and Response in the Department of Health and Human Services (ASPR/HHS), Food and Drug Administration (FDA), the Department of Defense, and the White House National Security Council.

NATIONAL AND INTERNATIONAL SERVICE

Dr. Inglesby recently retired as the Chair of the Board of Scientific Counselors to the Office of Public Health Preparedness and Response (OPHPR), US Centers for Disease Control (CDC). He held that position for 10 years through the tenure of 4 Office Directors, the longest running chair in that role. OPHPR is the largest single funded activity at CDC with a budget of \$1.5B in FY19, representing 20% of CDC’s overall budget. He earlier served on the Team B Advisory group to the CDC Director during the 2009 H1N1 response. He was a member of a CDC-Director appointed External Laboratory Safety Workgroup examining CDC, FDA and NIH biosafety practices following high-profile biosafety lapses. He has served in an advisory capacity to BARDA, NIH, HHS, Department of Homeland Security, the Defense Science Board, DARPA, and the White House National Security Council and Office of Science and Technology Policy. He has provided Congressional testimony to the US Senate and US House of Representatives. He has been invited to give presentations to senior US government officials including two Vice Presidents, the Surgeon General, the Secretary of Homeland Security, the Secretary of Health, the FDA Commissioner, the CDC Director, and the Attorney General. He has given invited presentations in China, Taiwan, Hong Kong, Kuwait, Saudi Arabia, the UK, Canada, France, Singapore, Malaysia, France, Germany, and Sweden, including to the Director of the European CDC, APEC, and NATO. He was a member of the working group that contributed to the report entitled “Action Needed to Protect Against Biological Attack” for the President’s Council of Advisors on Science and Technology (PCAST) at the White House. He was Chair of the Planning Committee for the meeting of the National Academies of Sciences, Engineering, and Medicine: “Examining Opportunities for the Future of Medical and Public Health Preparedness”.

PROFESSIONAL SERVICE

Dr. Inglesby is Editor-in-Chief of the peer-reviewed journal *Health Security* (formerly *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*). He was one of the journal’s founders and co-editors when it launched at the beginning of 2003, and he has led it since. It is currently starting its 17th volume year. The Journal has been an academic forum for research related to medical and public health preparedness, medicine and vaccine development, community resilience, dual-use research, disease surveillance, pandemics, emerging infectious diseases, natural disasters, outbreaks of foodborne illness, biological, chemical, and nuclear

events, and other key topics in the field. It is the only peer-reviewed journal with this area of academic, scientific, and policy focus. The readership of the journal includes academics, medical practitioners, scientists, government policymakers, local public health practitioners, and the media. The Journal is read in more than 170 countries, with a wide international audience of individual and institutional subscribers in the US, Europe, Asia, Canada, Australia, South America, Europe, and India and more than 650 libraries in China. Full-text downloads from the Journal have increased by 17% over last year and average 3,000 per month. The impact factor for the journal is 1.910.

Dr. Inglesby served as special section editor for 4 years for *Clinical Infectious Diseases*. He supported several activities with the Infectious Disease Society of America over earlier years, both personally and by lending his organization's support. He has served as a journal referee for *Nature*, *Science*, *JAMA*, *NEJM*, *Annals of Internal Medicine*, *Lancet*, *Nature Reviews*, *Proceedings of the National Academy of Sciences*, and *Emerging Infectious Diseases*, among others. He has served on committees of the National Academies and panels of the Institute of Medicine, including the NAS committee that helped shape national strategy for environmental decontamination after the 2001 anthrax events and the committee that examined the scientific information related to the national high profile FBI anthrax investigation.

Dr. Inglesby was formerly Chair of the National Advisory Council of the Robert Wood Johnson Foundation's National Health Security Preparedness Index. Working with CDC leadership, he helped establish the index in 2012 and bring it to launch in 2013. The index is the first comprehensive preparedness index of its kind, annually assessing more than 100 measures of preparedness in all 50 states. That index now continues into its 6th year. He was a senior advisor for the creation of the Global Health Security Index, a collaboration between the Hopkins Center for Health Security, the Nuclear Threat Initiative, and the Economist Intelligence Unit.

Dr. Inglesby has been a practicing physician, pro bono, at the Johns Hopkins Moore Clinic since 1997, seeing patients in a weekly continuity clinic that mostly serves economically disadvantaged people with HIV in Baltimore city. He is happy to say that some of his current patients have been there since he started nearly 23 years ago.

SELECTED NOTABLE CONTRIBUTIONS OF THE CENTER

Creation of the Field

- First university program to study the vulnerability of US civilian population to biological weapons and how to prevent, prepare and respond to these challenges
- Prior to founding of the Center, almost all work on US biodefense was limited to the military
- The Center created evidence base and expert clinical and pub health consensus for medical management of biological agents – through expert working groups and JAMA papers
- Anthrax JAMA paper was basis of clinical response to 2001
- The Center JAMA book was most purchased in JAMA history
- Among first to identify emerging infections and natural hazards as relevant to biodefense preparedness & vice versa — helped paved way for “all-hazards” preparedness
- First government or NGO program to embrace commonalities in the mission to take on bioterrorism, emerging infections and major biosafety risks, an approach that is now being pursued in federal agencies and increasingly internationally

Evolution of the Field

- Led and shaped national efforts to engage the public in disaster response policies and programs - prior to our work, public was treated as a problem to be controlled
- Our efforts helped change that so that now fed policy is to engage public to help themselves and communities
- First university program to establish, edit academic journal on these issues – *Health Security*
- First university program to focus on “health security” – White House officials told us that our naming our Center the Center for Health Security in 2013 helped establish the term in international policy setting, and within the year the US announced the new “Global Health Security Agenda”
- The World Health Organization and leading university programs established Health Security programs after our Center’s name changed to the Center for Health Security
- Helped lead and promote (in public health community and at WH/Congress) the *National Health Security Preparedness Index* the first state by state index of health preparedness for the country
- First government sponsored fellowship program to identify and nurture Emerging Leaders in Biosecurity
- Pursued research and publications on the organizations, systems, policies, and tools we use to prevent and respond to Hanta virus, West Nile, SARS, H5N1, 2009H1N1, MERS, Dengue, Chikungunya, Ebola, Zika, et al

Government Strategy and Programs

- Center analysis and reports helped create the conceptual framework for the Biomedical Advanced Medical Research Authority (BARDA) in the Department of Health and Human Services
- Findings from the Center report on the Hospital preparedness program of the Assistant Secretary for Preparedness and Response in the Department of Health and Human Services became the basis of years of subsequent hospital and grant guidance for hospitals and communities around the country.
- Directly informed National Biosurveillance Strategy and other key White House documents (HSPD 21, HSPD 18, HSPD 10, etc.)
- Center research helped provoke US policy examination of “dual use bioscience” that led to Dual Use science policy
- Center reports and testimony called for intensive effort at FDA for med countermeasure development – the FDA Medical Countermeasure Initiative program was then established and now is thriving
- Center argued for more interaction between Life Science community and Intel community – this helped establish high level academic committee of academic scientists that works regularly advises the Intelligence Community on issues of epidemics, biological weapons, and life sciences.

Government Investments

- Our annual federal funding articles are used by media and USG to understand how biodefense and health security enterprise is structured and resourced
- Center efforts helped establish original Strategic National Stockpile

- While at HHS, DA Henderson established first ever preparedness funding for public health departments (\$1billion/year for state/local bioterrorism grants) which since that time have become the most important annual source of funding for state and local health agencies on preparedness
- Dark Winter exercise had major impact on USG decision to buy smallpox vax
- Center was instrumental in generating USG and private sector investment in avian/pandemic flu preparedness
- Led one of first Congressional seminars on avian/panflu, sponsored by then-Senator Obama
- Held first meeting on the threat of avian/panflu for financial sector on Wall Street
- Significant contributions to development of Pandemic All Hazards Preparedness Act
- Center's work helped guide US DoD investments in surveillance and MCM development (e.g. Zmapp, diagnostics) that proved very important during Ebola crisis
- UPMC/Center analysis catalyzed creation of HHS Advanced Development and Manufacturing Centers (ADMs); funded at hundreds of millions\$

International Influence

- Influential in global debates about smallpox virus destruction
- Impact of Atlantic Storm exercise
- Served as new model of international exercises (with WHO, OIE and many governments)
- Visible changes in ways European countries prepared for epidemics/bioterrorism
- Arranged successful visit of Dep Min of Health of Kingdom of Saudi Arabia to DC during time when KSA not in good standing over MERS
- Worked closely with Tom Frieden (CDC), White House and Ambassador Bonnie Jenkins (State Department) to encourage and organize NGO support for the Global Health Security Agenda
- Leaders in initiating global examination of "Gain of Function" research - helped lead to USG funding pause on this work and subsequent policy options
- Completed major project for the Taiwanese MOH evaluating Taiwan's preparedness for health emergencies
- Convening DOD funded SE Asian Strategic Biosecurity Dialogue among senior scientists and government officials US, Singapore, Malaysia, and Indonesia – this year adding representatives from Philippines and Thailand
- Convening DOD funded US – India Strategic Biosecurity Dialogue