

CURRICULUM VITAE

July 11 2022

Dr Annie Sparrow

Paediatric intensivist and specialist in global health

Contact

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Assistant

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Current Positions

University

- Associate Professor, Department of Population Health, Sciences & Policy,
Icahn School of Medicine at Mount Sinai (ISMMS)
- Visiting Professor, Department of Anthropology and Sociology of Development,
Graduate Institute of International and Development Studies

Hospital

- Attending physician in paediatrics (primary appointment) and preventative medicine
The Mount Sinai Hospital
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EDUCATION & TRAINING

ACADEMIC DEGREES & QUALIFICATIONS

1987-1993 Bachelor of Medicine, Bachelor of Surgery · *University Western Australia*
1995-1997.1 Membership of the Royal College of Physicians and Child Health · *London*
1997-2002 Fellowship of the Royal Australasian College of Physicians (FRACP)
2011-2013 Doctor of Medicine (MD) · *State of New York*

CLINICAL SPECIALIZATION

1995-1997 Membership Royal College of Physicians and Child Health (MRCP), London
1997-2002 Fellowship Royal Australasian College of Physicians and Child Health (FRACP)

LICENSURE

1994 Doctor of Medicine Western Australia Medical Board 10147
1995 Medical Practitioner General Medical Council UK 4163301
2003 Specialist Paediatrics and child health Australian Medical Board MED0001548649
2013 Doctor of Medicine New York, NY US License: 271494

POSTGRADUATE STUDIES IN GLOBAL HEALTH & HUMANITARIANISM

2003-2004 Master of Public Health in International Health · *Harvard School of Public Health*
 2003-2005 Diploma of Humanitarian Studies · *HSPH, MIT, Tufts University*
 2018-2019 Visiting Fellow in Anthropology at Graduate Institute (Sabbatical)

PROFESSIONAL EXPERIENCE**GLOBAL HEALTH APPOINTMENTS**

WORLD HEALTH ORGANISATION 2/2019-3/2021
 --SPECIAL ADVISOR TO THE DIRECTOR-GENERAL

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
 Assistant Professor Department Population Health Sciences & Policy 1/2017-2/2021
 Assistant Professor Arnold Global Health Institute 10/2015-1/2016
 Assistant Professor Department Preventative Medicine & Environmental Science 9/2012-9/2014

UNICEF MALARIA PROGRAM DIRECTOR FOR GLOBAL FUND, SOMALIA 3/2009-4/2010
Headed UNICEF's malaria program in Somalia and administered UNICEF's \$27 million Global Fund malaria grant for prevention, diagnosis and case management, and health system strengthening. Duties included coordinating sub-recipients, partners and Ministries of Health as they implemented the grant across the three governmental jurisdictions of Somalia, liaising with the donor and governmental coordinating mechanism, and providing technical assistance (clinical, epidemiological, monitoring & evaluation, knowledge management, training and curriculum development) to sub-recipients and partners.

CATHOLIC RELIEF SERVICES, KENYA 6/2006-2/2009
 TECHNICAL ADVISOR PUBLIC HEALTH AND NUTRITION, EMERGENCY RESPONSE TEAM
Provided technical assistance, rapid assessment, gap analysis, contingency planning and emergency programming of outbreaks, acute trauma, sexual violence, HIV and other STDs, mental health and malnutrition, in complex humanitarian emergencies (Timor Leste, Zimbabwe, South Sudan, Somalia, Lebanon, and natural disasters (Kenya, Sudan). Gave technical assistance to the inter-agency regional working groups in the Horn of Africa on HIV, H1N1, and health-system strengthening. Provided training to international and national aid workers in SPHERE (minimum standards in emergencies), protection, the practical application of human rights, and accountability to beneficiaries and donors.

HUMAN RIGHTS WATCH 12/2004-5/2006
Conducted research & advocacy on a range of issues involving the interface of health and human rights: HIV/AIDS, sexual violence, public health, SPHERE standards, forensics, death penalty in US, solitary confinement of children, torture and interrogation. In 2005 undertook investigative mission to Chad to examine sexual violence and related health consequences among refugee women and girls from Darfur; as well as widespread advocacy on the Darfur crisis. Developed and taught 'First Aid in the Field' course and basic forensics for non-health NGO professionals. Called to International Criminal Court twice to give evidence on war crimes in Darfur.

SHORT-TERM ASSIGNMENTS

IDJWI ISLAND, EASTERN CONGO 2015-2020
 ANNUAL MISSION TRAINING OF LOCALS AND POP-UP CLINIC FOR SEVERAL HUNDRED PRIMARY CHILDREN: CHILD HEALTH ASSESSMENT, MALARIA TESTING & TREATMENT, DEWORMING & OTHER INFESTATIONS WITH IDJWI ISLAND EDUCATION FUND.

AMERICAN RED CROSS Sep 2005
 Rapid needs assessment (Louisiana) and implemented an early warning system (Mississippi) in the aftermath of Hurricane Katrina as part of a team of consultants from Harvard Humanitarian Initiative.

MEDICINS DU MONDE, Darfur, Sudan July – Aug '05
 Physician & medical coordinator at Nyala Camp serving ~130,000 displaced people. Coordinated meetings at the Ministry of Health office and the Humanitarian Aid Commission with other actors (WHO, MSF, Spanish Red Cross) to plan and implement the humanitarian response in South Darfur. Areas of focus: malaria, cholera, malnutrition, sexual violence and sanitation. Developed a cholera outbreak manual for Medecins du Monde in collaboration with camp logistician and guidelines for practical management of malaria.

INTERNATIONAL AFGHANISTAN MISSION, Mazar-i-Sharif Oct -Nov 2004
 Developed a capacity-building program for screening of child health across several villages: trained national staff and supervised the pilot for malnutrition, stunting, anemia, leishmaniasis, TB and dental caries.

HOSPITAL ALBERT SCHWEITZER & PARTNERS IN HEALTH Haiti Dec-Jan 2004
 Community-driven research: survey design, database construction and rights-based curriculum on HIV & sexual violence for 1000 youths in the Artibonite Valley. Clinical practice in communicable diseases at HAS & PIH.

WESTERN AUSTRALIAN INSTITUTE OF CHILD HEALTH AND RESEARCH July-Nov 2004
 Strategies to prevention intellectual handicap due to Fetal Alcohol Syndrome: in Indigenous Populations of Australia & First Nations people in Canada.

SPECIALIST PEDIATRICIAN INDIGENOUS HEALTH, WA & Northern Territory, Australia 2003-2004
 Care of some 30-40 Aboriginals per day; trips to serve the surrounding Aboriginal communities (up to several hundred miles away), fixed wing air-transfer of acutely ill (intubated) neonates and children via Royal Flying Doctor service to state tertiary hospital; management of healthcare team and advice to remote area staff on program implementation.

WOOMERA DETENTION CENTRE, South Australia Aug'01-Jan '02
 Several stints as physician serving health needs of asylum seekers from Afghanistan, Iraq and Iran: chronic conditions, infectious disease, hunger strikes, lip-sewing, self-mutilation and suicide attempts and post-traumatic stress disorder. [This led to a collaboration with the Royal Australasian College of Physicians & Surgeons and policy change "Children in Detention".]

INTERNATIONAL ASSISTANCE MISSION, *Afghanistan* Sep-Oct 2000
 Assisted local staff in makeshift maternal and child health clinics to reduce maternal mortality (at the time the highest in the world) and improve child health: polio, leishmaniasis, rickets, stunting & paediatric tuberculosis.

CLINICAL APPOINTMENTS 1995-2009

1. SPECIALIST PAEDIATRICIAN LOCUMS Kalgoorlie & Port Hedland Regional Hospitals 2004 -2009
 -At least two weeks clinical service twice a year every year.
2. SPECIALIST PAEDIATRICIAN Alice Springs Hospital, Northern Territory June-Aug 2003
Care of Aboriginals in the township and in the surrounding Aboriginal communities.
3. SPECIALIST CONSULTANT PAEDIATRICIAN LOCUM Derby Regional Hospital, Kimberley. Mar-May 2003
Royal Flying Doctor Service, transport and intensive care of critically ill infants and children
4. SENIOR REGISTRAR PEDIATRIC EMERGENCY, Princess Margaret Hospital, Western Australia 2001-2003

Clinical management of trauma, resuscitation, general emergency pediatrics (average 115 patients through ER / day), supervision of junior doctors, administrative duties and teaching (simulated resuscitation for doctors and nurses every week for 2 years). Included rotation in community pediatrics at the State Child Development Centre with responsibility for managing cases of cerebral palsy, behavioral problems, attention-deficit-hyperactivity disorder, child sexual abuse and follow-up of once premature infants.

5. SENIOR REGISTRAR IN PEDIATRIC INTENSIVE CARE, Princess Margaret Hospital 1999-2000
Managed caseload involving trauma, sepsis, burns, respiratory and neurosurgery; delivered regular anesthesia for children in both RSI and the ER and gas induction for insertion of long lines and other procedures. Several interstate air transports of cardiac infants to Royal Children's Hospital in Melbourne.
6. LOCUM REGISTRAR · ADULT INTENSIVE AND CORONARY CARE, St John of God Hospital, Perth 2001-2003
24 months of night and weekend care of adults in CCU and on general medical & surgical wards: management of myocardial infarction, atrial fibrillation and other arrhythmias, congestive heart failure, sepsis, pulmonary oedema, pneumonia and other critical illnesses.
7. REGISTRAR · PAEDIATRIC INTENSIVE CARE, Royal Brompton Hospital, London Sep-Dec'99
Responsible for critical care for acute cardiac and respiratory illness in infants and children; supervision and teaching of residents in clinical management of same (including ventilation, peripheral and central line placement, peritoneal dialysis, ECMO and fluid management).
8. FELLOW · PEDIATRIC INTENSIVE CARE, St Mary's Hospital, London Aug '97-Aug '99
-- 9-bed PICU specialising in meningococcal sepsis and other infectious diseases including HIV, malaria, Kawasaki's, as well as non-infectious causes of critical illness. Responsible for anesthesia, ventilation, resuscitation and transport of critically ill children (75 solo transports by ground and air)
-- Teaching duties included weekly journal club, biannual grand rounds, teaching clinical skills to fellowship students for postgraduate exams; medical school teaching and seminars as well as teaching of nursing staff.
9. CARDIOLOGY SHO · The Hospital for Sick Children, Great Ormond Street May-July'97
16-bed high dependency unit, pre-and post-operative care of infants and children with congenital and acquired heart disease. Expertise in insertion of PICCs (The "Line Queen").
10. CARDIOLOGY · RESPIRATORY PEDIATRIC SHO, Royal Brompton Hospital, London Nov'96-April-97
Pre- and post-operative care of acute and chronic cardiac patients, children with cystic fibrosis and other severe respiratory disease, heart-lung transplant patients. ECMO, inotropes and other vasoactive agents.
11. PEDIATRIC SHO ROTATION, Guys and St. Thomas' Hospital, London Aug' 95-Aug '96
Neonatal intensive care; neurological, renal, general & emergency paediatrics. Memorable for care of victims of London bombings.
12. SENIOR SHO PEDIATRICS, West Dorset Hospital, Dorchester Feb-July '95
General Pediatrics and Special Care Baby Unit. Responsible for weekly care of very handicapped children in local center, twice-weekly general pediatric outpatient clinics in surrounding towns.
13. RESIDENT MEDICAL OFFICER, Royal Perth & Kalgoorlie Regional Hospitals, WA Jan'94-Jan'95
General and pediatric surgery and orthopedics in a remote rural part of Australia; vascular surgery, internal medicine and emergency in a tertiary hospital in the center of Perth.

RESEARCH ACTIVITIES

Research interests include: the social and political determinants of health in conflict, attacks on healthcare and impact of human rights violations on health. I developed the concept of the weaponization of healthcare - using people's need for healthcare as a weapon against them as a force multiplier of war crimes, driver of displacement and infectious diseases the manipulation of chlorine, our primary tool of public health, into a chemical weapon, and means of passive biological warfare. This includes the drivers of global infectious threats (polio, TB, Ebola) in conflict zones and settings of chronic insecurity, and of antimicrobial resistance including superbugs such as A. baumannii, MDR and XDR TB.

Trained immunity - the off-target beneficial effects of live vaccines a longstanding area of focus. In January 2020 I urged WHO to support research into the off-target effects of BCG, measles and other live vaccines as bridging vaccines for pandemic threats and to reduce the impact of Covid19. After development of concept with Prof Curtis in Melbourne and Prof Netea in Utrecht, the BRACE Randomised Controlled Trial was initiated in April 2020 involving 4000 Healthcare workers (HCW) in Australia. After expanded interest helped by a [Lancet publication with the Director-General](#), the trial was funded by the [Bill and Melinda Gates Foundation](#) (\$10Million), extended to the Netherlands, the US and South Africa and enrolled at least 10,000 HCW.

Peer-reviewed Publications

1. Sparrow AK, Brosseau LM, Harrison RJ, Osterholm MT. [Protecting Olympic Participants from Covid-19 - The Urgent Need for a Risk-Management Approach](#). N Engl J Med. 2021 Jul 1;385(1):e2. doi: 10.1056/NEJMp2108567. Epub 2021 May 25. PMID: 34033274.
2. Chumakov K, Avidan MS, Benn CS, Bertozzi SM, Blatt L, Chang AY, Jamison DT, Khader SA, Kottlilil S, Netea MG, Sparrow A, Gallo RC. [Old vaccines for new infections: Exploiting innate immunity to control COVID-19 and prevent future pandemics](#). Proc Natl Acad Sci U S A. 2021 May 25;118(21):e2101718118. doi: 10.1073/pnas.2101718118. PMID: 34006644; PMCID: PMC8166166.
3. Jabbour S, Leaning J, Nuwayhid I, Ager A, Cammett M, Dewachi O, Fouad FM, Giacaman R, Sapir DG, Hage G, Majed Z, Nasser R, Sparrow A, Spiegel P, Tarakji A, Whitson SL, Yassin N. [10 years of the Syrian conflict: a time to act and not merely to remember](#). Lancet. 2021 Apr 3;397(10281):1245-1248. doi: 10.1016/S0140-6736(21)00623-1. Epub 2021 Mar 12. PMID: 33721564.
4. Curtis N, Sparrow A, Ghebreyesus TA, Netea MG. [Considering BCG vaccination to reduce the impact of COVID-19](#). Lancet. 2020 May 16;395(10236):1545-1546. doi: 10.1016/S0140-6736(20)31025-4. Epub 2020 Apr 30. PMID: 32359402; PMCID: PMC7252177.
5. Abbara A, Almalla M, AlMasri I, AlKabbani H, Karah N, El-Amin W, Rajan L, Rahhal I, Alabbas M, Sahloul Z, Tarakji A, Sparrow A. [The Challenges of Tuberculosis control in protracted conflict: The case of Syria](#) Int J Infect Dis. 2020 Jan;90:53-59. doi: 10.1016/j.ijid.2019.10.015. Epub 2019 Oct 19. PMID: 31639519.
6. Ilunga Kalenga O, Moeti M, Sparrow A, Nguyen VK, Lucey D, Ghebreyesus TA. [The Ongoing Ebola Epidemic in the Democratic Republic of Congo, 2018-2019](#). N Engl J Med. 2019 Jul 25;381(4):373-383. doi: 10.1056/NEJMs1904253. Epub 2019 May 29. PMID: 31141654. *Conceived and drafted manuscript with technical input from MOH DRC, WHO emergency program & West African Regional Office & writing support from Lucey & Nguyen. Corresponding author.*
7. Abbara A, AlKabbani H, Al-Masri I, Sahloul Z, Sparrow A. [Populations under siege and in prison require investment from Syria's national tuberculosis programme](#). Lancet Respir Med. 2018 Jul;6(7):e34. doi: 10.1016/S2213-2600(18)30182-6. Epub 2018 May 10. PMID: 29755003.
8. Jabbour S, Fouad FM, Leaning J, McKay D, Nasser R, Rubenstein LS, Sparrow A, Spiegel P, Tarakji A, Waldman R, Hallam R, Mukwege D, Tayara G. [Death and suffering in Eastern Ghouta, Syria: a call for action to protect civilians and health care](#). Lancet. 2018 Mar 3;391(10123):815-817. doi: 10.1016/S0140-6736(18)30527-0. Epub 2018 Feb 26. PMID: 29496277.
9. Abbara A, Rawson TM, Karah N, El-Amin W, Hatcher J, Tajaldin B, Dar O, Dewachi O, Abu Sitta G, Uhlin BE, Sparrow A. [Antimicrobial resistance in the context of the Syrian conflict: Drivers before and after the onset of conflict and key recommendations](#). Int J Infect Dis. 2018 Aug;73:1-6. doi: 10.1016/j.ijid.2018.05.008. Epub 2018 May 21. PMID: 29793039.
10. Abbara A, Rawson TM, Karah N, El-Amin W, Hatcher J, Tajaldin B, Dar O, Dewachi O, Abu Sitta G, Uhlin BE, Sparrow A. [A summary and appraisal of existing evidence of antimicrobial resistance in the Syrian conflict](#). Int J Infect Dis. 2018 Oct;75:26-33. doi: 10.1016/j.ijid.2018.06.010. Epub 2018 Jun 21. PMID: 29936319.

11. *Fouad FM, *Sparrow A, Tarakji A, Alameddine M, El-Jardali F, Coutts AP, El Arnaout N, Karroum LB, Jawad M, Roborgh S, Abbara A, Alhalabi F, AlMasri I, Jabbour S. [Health workers and the weaponisation of health care in Syria: a preliminary inquiry for The Lancet-American University of Beirut Commission on Syria](#). *Lancet*. 2017 Dec 2;390(10111):2516-2526. doi: 10.1016/S0140-6736(17)30741-9. Epub 2017 Mar 15. *Lancet*. 2017 Dec 2;390(10111):e49. PMID: 28314568. * contributed equally
12. Sparrow A, Almilaji K, Tajaldin B, Teodoro N, Langton P. [Cholera in the time of war: implications of weak surveillance in Syria for the WHO's preparedness-a comparison of two monitoring systems](#). *BMJ Glob Health*. 2016 Oct 18;1(3):e000029. doi: 10.1136/bmjgh-2016-000029. PMID: 28588951; PMCID: PMC5321343.
13. Sahloul MZ, Monla-Hassan J, Sankari A, Kherallah M, Atassi B, Badr S, Abbara A, Sparrow A. [War is the Enemy of Health](#). *Pulmonary, Critical Care, and Sleep Medicine in War-Torn Syria*. *Ann Am Thorac Soc*. 2016 Feb;13(2):147-55. doi: 10.1513/AnnalsATS.201510-661PS. PMID: 26784922
14. Tajaldin B, Almilaji K, Langton P, Sparrow A. [Defining Polio: Closing the Gap in Global Surveillance](#). *Ann Glob Health*. 2015 May-Jun;81(3):386-95. doi: 10.1016/j.aogh.2015.06.007. PMID: 26615073.
15. Willis F, Adams S, Doyle S, Everitt IJ, Lovegrove M, Slee J, Sparrow A. [Children's Nomenclatural Adventurism and Medical Evaluation study](#); *J Paediatr Child Health*. 2009 Dec;45(12):711-4. doi: 10.1111/j.1440-1754.2009.01639.x. PMID: 20415998.
16. Sparrow A, Geelhoed G. [Prednisolone versus Dexamethasone in Croup: A Randomised Equivalence Trial](#). *Arch Dis Child*. 2006 Jul;91(7):580-3. doi: 10.1136/adc.2005.089516. Epub 2006 Apr 19. PMID: 16624882; PMCID: PMC2082835.
17. Sparrow A, Willis F. [Management of septic shock in childhood](#). *Emerg Med Australas*. 2004 Apr;16(2):125-34. doi: 10.1111/j.1742-6723.2004.00564.x. PMID: 15239727.
18. Sparrow A, Hedderley T, Nadel S. [Choice of fluid for resuscitation of septic shock](#). *Emerg Med J*. 2002 Mar;19(2):114-6. doi: 10.1136/emj.19.2.114. PMID: 11904255; PMCID: PMC1725842.
19. Sparrow A, Habibi P. The Management of Septic Shock in Childhood. *Current Medical Literature* 1998;11,3:63-69
20. Sparrow A, Reeves A, Habibi P, Nadel S, Britto J. Peripherally inserted central venous catheters (PICCS): An alternative to repeated peripheral venous cannulation. *Pediatrics* 1998 Sep 102 705-6

Invited Contributions & Review Articles

1. [Healthcare Under Fire](#) | The New York Review of Books. June 23 2022
Perilous Medicine: The Struggle to Protect Health Care from the Violence of War by Leonard Rubenstein
Necessary Risks: Professional Humanitarianism and Violence Against Aid Workers by Abby Stoddard
2. Joe Biden's Report Card: Pandemics <https://foreignpolicy.com/2022/01/20/biden-foreign-policy-report-card-russia-china-afghanistan/> January 20, 2022
3. Are the Strict COVID Plans for the Beijing Olympics Necessary?
<https://www.medpagetoday.com/popmedicine/popmedicine/94904> October 7, 2021
4. [The Awful Diseases on the Way](#) | The New York Review of Books. 2016 63(10).
Sonia Shah's "Pandemic: Tracking Contagions from Cholera to Ebola and Beyond"
5. [Who isn't equipped for a pandemic or bioterror attack? The WHO](#). *Bull At Sci* 2016
6. [The Truth About the Measles](#) | The Nation. The Nation. 2015(March 23-30).

Policy Journals

1. [Putin Is Targeting Ukrainian Hospitals](#). That's a War Crime. Foreign Policy April 11, 2022
2. [Olympics: Unanswered questions about serious Covid-19 risks](#) L.Brosseau The Hill July 6 2021
3. [How the IOC can avoid a super-spreader Olympics](#) w/ L. Brosseau The Hill June 16, 2021
4. [The Chinese Government's cover-up killed healthcare workers worldwide](#) Foreign Policy 3 2021
5. [Cheap Mass Testing is Vital for Pandemic Victory](#) – Foreign Policy, January 5, 2021
6. [This Vaccine could save Healthcare Workers lives now](#) -- Foreign Policy March 24, 2020
7. [How to stop the next pandemic before it starts](#) -- Foreign Policy Feb 14, 2020
8. [How China's Coronavirus is spreading—and how to stop it](#) Foreign Policy Jan 26, 2020
9. [China deserves some credit for its handling of the Wuhan pneumonia](#) Foreign Policy Jan 14, 2020 with D. Lucey
10. [Ebola in Africa: What We're Getting Wrong](#) | The New York Review of Books 2019 66(16)
11. [Bashar al-Assad Is Waging Biological War—By Neglect](#) – Foreign Policy. 2018
12. [How UN Humanitarian Aid Has Propped Up Assad](#). Foreign Affairs Sep 20, 2018
13. [Hypocritic Oath](#). Foreign Policy. Feb 9, 2018
14. [Born to Fight: Syria's Conjoined Twins and Assad's War Machine](#) Foreign Affairs. Sep 12 2016
15. [The UN's Role in the Sieges in Syria](#). Foreign Affairs. 2016 Mar 29
16. [Aiding Disaster](#). Foreign Affairs. 2016 Feb 1
17. [Syria: Death from Assad's Chlorine](#) | The New York Review of Books | 2015 62(8).
18. [Syria's Polio Epidemic: The Suppressed Truth](#) | The New York Review of Books. 2014 61(3).
19. [Syria: The Other Threat](#) | by Annie Sparrow | NYR Daily | New York Rev Books 2014;
20. [Syria's Assault on Doctors](#) | by Annie Sparrow | The New York Review of Books Daily. 2013;

Mainstream Media

1. [Russia is waging war on Ukrainian Healthcare](#) **Financial Times** July 5, 2022
2. [Even with a Vaccine, fast covid tests will be crucial](#) **Financial Times**, Nov 10, 2020
3. [Should People Without Coronavirus Antibodies Be Second-Class Citizens?](#) **New York Times** Apr 28, 2020 with Ken Roth
4. [Ireland can help UN to stop Assad manipulating humanitarian aid](#) **Irish Times** June 26 2018
5. [The C.I.A Psychologists](#). **New York Times**. Jul 6 2017

Reports & Book Chapters

1. Torture Flights: North Carolina's Role in the CIA Rendition and Torture Program. September 2018
https://nctorturereport.org/pdfs/NC_Torture_Report.pdf
2. The Smallest Witnesses. Human Rights Watch, 2005
3. Sparrow A. Drawing Attention to Darfur; Telling Stories to Change the World. Solinger, Rox & Irani; Routledge NY 2008 pp 127-137

Extramural Funding

Research operating and knowledge translation grants

2012-2013	Global Health Innovation Fund, Principal Investigator, ISSMS US \$10,000
2014-2017	Determinants of Health in Conflict in Syria (PI) Asfari Foundation US \$150,000
2014-2019	Attacks on Healthcare Research & Education (PI) US \$150,000
2016-2021	Human Rights & Global Health (PI) ID 0285-3920 US \$660,000

Career awards from scientific funding organisations

2004 Third Millennium Fellowship in Human Rights, Harvard University US\$50,000

2003 Harvard School of Public Health US\$7000

2003 Cottrell Research Establishment Fellowship in Social & Community Medicine, RACP AU\$75,000

2003 Athelstan and Amy Saw Overseas Fellowship, University of Western Australia AU\$70,000

OTHER PROFESSIONAL ROLES**Special Advisor and Expert Witness**

1. Commissioner, American University Beirut_LANCET Commission on Syria 2017-current
2. Adhoc Special Counsel Secretary General International Chamber of Commerce 2020
3. Independent Panel on Pandemic Preparedness and Response 2020
--*Background documents & Critical Analysis_WHO to IPPPR Chair.*
4. Irish Joint Committee on Foreign Affairs and Trade and Defence 2018
--*Syrian Conflict, Sanctions and UN-led Humanitarian Response.*
5. Commissioner North Carolina Commission Inquiry Against Torture 2017-2018
6. Independent Commission on Multilateralism & International Peace Institute: 2017
--*Global Pandemics and Global Public Health February 8-9 2016, Geneva*
7. UNSG High Level Panel on Global Health: Humanitarian aid in conflict zones 2016
8. Joint Investigative Mechanism into Chemical Weapons in Syria 2016
9. House Foreign Affairs Committee Hearing 2015
-- [Assad's Abhorrent Chemical Weapons Attacks \(with Ambassador Robert Ford\)](#)
10. 2006 International Criminal Court on war crimes in Darfur, the Hague.

Boards & Professional Societies

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| Board of Directors THINK International | 2021 |
| Advisory Board Refugee Protection International Programming and Partnerships | 2015 |
| Advisory Board New York Centre for Children | 2014 |

Editorial ActivitiesBritish Medical Journal Global Health [Editorial Advisory Board](#) (since 2015)**Ad Hoc Peer Reviews include**

Annals of Global Health

Avicenna Journal of Medicine

British Medical Journal

Conflict and Health

Journal of Public Health

Lancet

New England Journal of Medicine

Nature

Humanitarian awards & Recognition

- 2017 American Red Cross National Hero Award
- 2016 Sidney Grossman Distinguished Humanitarian Award Mount Sinai
- 2015 Australian of the Year Nominee
- 2014 Syrian American Medical Society Humanitarian Award
- 2005 Honorary Research Fellow Telethon Institute Child Health
- 2004 Albert Schweitzer Award, Harvard School of Public Health
- 2004 Fang Ching Sun Award in Indigenous Health, Harvard School of Public Health

Invited lectures/podcasts/presentations – a selection

1. The US, China, and the World Health Organization in the time of Covid-19 (Lies, Damned Lies, and Statistics) Mount Sinai Public Health Research Day May 27, 2021
2. [International Symposium on Innate Immunity and Covid-19](#) (Speaker) December 11, 2020
3. Uniting Business Live: Moderator: Children and Education are the Antidote: The Key to Health, Wealth and Global Recovery" Sep 22, 2020
4. Uniting Business Live: ASU Presents: Panelist: Preventing the Next Pandemic: Sep 21, 2020
5. International Trade Union Confederation Covid19: a workplace hazard- Speaker Oct 22, 2020
6. [Education International World Teachers Day 2020 Live Q&A](#) Annie Sparrow & David Edwards
7. [Conversation with Richard Horton](#) RELX SDG Inspiration Day - Creating the World We Want: One Decade, 17 Goals Now and Post-Pandemic – June 24, 2020
8. PODCAST [The SDG Impact of Covid-19](#): The View of Dr. Annie Sparrow RELX May 6, 2020
9. PODCAST [Don't Touch Your Face](#) Foreign Policy March 10, 2020
10. Keynote speaker at the 3rd Annual London Model WHO Simulation, 2019
11. Panelist 'Survivors' – Ebola Documentary Sierra Leone, Geneva International Film Festival 2019
12. Healthcare & explosive violence NDM-United Nations Mine Action – 22nd International Meeting of Mine Action National Directors and UN Advisors Service February 6, 2019
13. International Committee of the Red Cross: Day of Public International Law - Protecting Healthcare in Armed Conflict November 23, 2017
14. [Doctors on the Frontlines](#) [Women in the World Summit](#) April 6, 2017, NYC
15. [Women in the World](#) Feb 16, 2017, DC
16. Keynote speaker Trans Refugee Conference, Perth, Western Australia 2013. "Refugees, Rights and Human Responsibilities: A Humanitarian Response for Australia."

Scientific Presentations

1. Re-emergence of Polio in Syria and beyond: How can Global Disease Eradication Programs cope with Conflict and Insecurity? ASM Biodefense and Emerging Diseases Research Meeting, DC 2015
2. Dexamethasone versus Prednisolone in the Management of Croup: A Randomised Double-blinded study. Sparrow A, Geelhoed G. *Royal Australasian College of Physicians Annual Scientific Meeting, May 2003*
3. Parental Expectations and Use of Paracetamol and Ibuprofen in Children in the Perth Metropolitan Area: A Questionnaire-based study. Sparrow A, Porter P. *RACP Annual Scientific Meeting, Brisbane May 2002*
4. Association of Fatal Meningococcal Disease with Possession of Tumour Necrosis Factor- α 2 Allele. Sparrow A, Nadel S, Hibberd M, Booy R, Levin M. *British Paediatric Intensive Care Society Spring Meeting, Leeds 1999*
5. Use of 4.5% Human Albumin Solution for Resuscitation of Children: Recent Changes in Policy and Practice. Sparrow A, Nadel S, Hedderly T. *British Paediatric Intensive Care Society, Leeds May 1999*
6. Peripherally Inserted Central Venous Catheters: An Alternative to Repeated Venous Cannulation. Sparrow A, Reeve A, Nadel S, Britto J. *American Academy Pediatrics Fall Meeting, San Francisco Oct 1998*
7. Neurogenic inflammation in the bronchial mucosa: the relationship of sensory nerves in the epithelium to the bronchial circulation of the pig lung. Sparrow A, Keogh A & Sparrow M. *The European Respiratory Society Meeting, Stockholm, Sept 1996*

Educational Program Building / Leadership

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|---|-----------|
| 1. <u>Clinical education</u> -
2-4 training missions/year with the Syrian American Medical Society; each mission trained 20-40 Syrian healthcare workers--surgeons, internists, pharmacists, dentists, lab techs, nurses, midwives and medical students --in intensive care skills (intubation, ventilation, vascular access, and resuscitation), diagnosis and management of polio, management of chemical attacks, siege medicine, malnutrition, cholera, sepsis and antimicrobial resistance. | 2013-2019 |
| 2. Co-Director of Human Rights Program with Dr. Holly Atkinson
Medical School Curriculum Training Modules and case studies in advocacy and ethics. | 2012-2016 |
| 3. Developed Humanitarian Aid in Complex Emergencies for MPH Program @ ISMMS | 2012-2013 |
| 4. International Diploma of Humanitarian Assistance @ Fordham University
Developed Modules for Emergency Management of Outbreaks, Malnutrition and Personal Survival Skills for aid workers, taught yearly at Nairobi -based courses | 2007-2009 |
| 5. “First Aid in the Field: What to do when the bomb goes off”
Developed for Human Rights Watch: A simulation-based class where everyone has a role, designed to avert panic and yield life-saving skills such as splinting, use of gaff tape, caffeine and home-made oral rehydration. | 2005 |

Academic Teaching Activities

Humanitarian Aid in Complex Emergencies (3 credits) MPH course 3 students	2021
Weaponization of Healthcare, Guest Lecturer American University DC	2021
Humanitarian Aid in Complex Emergencies, MPH course (3 credits, 10 students)	2020
Conflict, Biowarfare & Outbreaks, Guest Lecturer, MPH Program, American University Beirut	2019
Humanitarian Aid in Complex Emergencies, 9-24 Students Per Year, MPH Course	2013-2017
Global Health Elective, Montefiore, Lecturer Pediatric Resident Program	2015-2016
Guest Lecturer, Columbia University, Pre-Med Program & Mailman School of PH	2015-2016
INFOCUS Teaching, Lecturer, Full Medical School Year, MD Program	2013-2016
Seminar, Preventative Medicine Residents, MD Program	2013-2016
Human Rights and Social Justice, Mentor, 1 Student Per Year, MD Program	2013-2016
Introduction to Global Health, Lecturer, MPH Course	2013-2016
Seminar, Internal Medicine Residents “Mental Health, Migrants, Torture & Refugees MD Prog	2013-2014
Introduction to Human Rights, Guest Lecturer, MPH Course	2013-2016

Media resources, advocacy & educational materials: Multiple open-source powerpoint and web-based teachings, translated into Arabic on key topics including infmentectious disease, manage of chemical and biological agents, management of malnutrition in low-resource settings, germ warfare – AMR (*Acinetobacter baumannii* and other GNR, and chemical weapons. See anniesparrow.org

IMPACT**Profiles**

- 2018 [Intensive Care – Annie Sparrow’s medical mission to train Syrian healthcare workers](#) - Harvard School Public Health Magazine
- 2017 [Dr. Annie Sparrow at Women in the World](#)
- 2017 [Doctors on the Frontlines](#)
- 2014 VOGUE - [Health Activist Annie Sparrow’s Fight to End Polio](#)

A selection of Media in response to [NEJM article](#) on Tokyo2020 Olympics:

Television & Radio Interviews

1. CNBC [Vaccine nationalism in the West may create a ‘monster,’ doctor says](#) July 26, 2021
2. [Australian Radio National](#) Could the Tokyo Games lead to an Olympic Variant? July 23, 2021
3. CNN – [Victor Blackwell interviews Dr. Annie Sparrow, Global Health doctor](#) July 21, 2021
4. CNN [Concern in Japan over Olympics and Covid](#) July 15, 2021
5. CBC [The Current - Mitigating the Spread of Covid-19 at the Tokyo Olympics](#) July 12, 2021
6. Al Jazeera The Stream [How safe are the Olympics from Covid-19?](#) June 9, 2021
7. TRT World [Olympic variant next?! Tokyo 2020 fears of new coronavirus](#) June 14, 2021
8. NPR [NPR's Lulu Garcia-Navarro speaks to Dr Annie Sparrow about the public health concerns surrounding the 2021 Olympic Games](#) June 6 2021
9. CNN – [Newsroom Olympic-Sized Worries](#) May 27, 2021

Mainstream News Media

1. Washington Post [The cauldron is lit in Tokyo's covid Olympics. Let's hope it's not a fuse.](#) Jul 24
2. NYT [As Olympics Barrel Ahead, an Official Partner Joins the Chorus of Critics](#) - May 25, 2021
3. NYT [Quotation of the Day: Treading a Fragile Line, the Olympics Inch Forward](#)-May 26, 2021
4. LA Times [Tokyo's Olympics have turned nightmarish. L.A., are you watching?](#) July 22 2021
5. ABC [Japan unveils its Olympic Village, but health experts remain concerned about the spread of coronavirus](#) – June 20, 2021
6. The Nation [The Human Cost of the Pandemic Olympics](#) July 21 2021
7. Axios [U.S. alternate gymnast tests positive as Olympics' COVID protocols face early tests](#) July
8. Wired --[The Olympics Could Be a Covid-19 ‘Super-Evolutionary Event’](#) July 22, 2021
9. Axios [Why some athletes at the Tokyo Olympics won't be vaccinated](#) July 15
10. Axios [Experts fear Olympics could be a superspreader event](#) July 14 2021
11. The Athletic [‘Where will we be in 50 days?’ The Tokyo Olympics are still set to go on, but at what cost?](#) June 3, 2021

International

12. Sydney Morning Herald [But wait, there's more political grandstanding afoot](#) July 25, 2021
13. Al Jazeera [How safe are the Tokyo Olympics from COVID-19?](#) July 23, 2021
14. The Human Cost of the Pandemic Olympics A [L'encontre](#) July 23, 2021
15. Daily Mail (UK) [This is obviously not the right time to hold the Olympics](#) July 23, 2021
16. Frankfurter Allgemeine [Will the Olympic Games turn into a Japanese Ischgl?](#) June 16, 2021

Medical Press

17. WebMD [Pandemic Olympics: Health experts worry Covid may win Gold](#) July 19, 2021
18. Physicians' weekly [COVID Variants to Meet at Olympics](#) July 16, 2021
19. Healthline [Can the Olympic Committee Protect Athletes from COVID-19? Here's the Plan](#) July 16
20. WebMD [Olympic Athletes vulnerable to everyday Health Risks](#) July 16, 2021
21. University of Minnesota: [US experts say Olympics unprepared for COVID-19, call for WHO help](#) – May 26, 2021