

JONATHAN POLONSKY

PERSONAL INFORMATION

Nationalities British & South African

Email jonathan@epidemos.com

EDUCATION

2005 *MSc Epidemiology* London School of Hygiene & Tropical Medicine

2003 *BA Human Sciences* Oxford University

WORK EXPERIENCE

**World Health
Organisation
(WHO),**
Geneva,
Switzerland

May 2014–Present Epidemiologist

Principal responsibilities:

- Support to West Africa Ebola outbreak response
 - WHO country coordinator for surveillance and laboratory issues, Sierra Leone
 - Field epidemiology and data analysis, Sierra Leone
 - Interim role in coordinating epidemiological analysis at HQ level
- Tools for epidemiological data analysis
 - Coordinated the development of various tools for automated analysis and visualisation of epidemiological data
 - Country roll-out of various Health Cluster tools (adaptation, implementation and training)
- Country-support to a variety of crises, including Syria, CAR, and South Sudan
- Acting coordinator of the humanitarian information unit
- Provide external training on outbreak investigation and response

Feb 2010–May 2014 Epidemiologist

Principal responsibilities:

- Principal investigator on multiple studies in various humanitarian settings, including:
 - Clinical research
 - Cross-sectional surveys
 - Prospective surveillance
 - Outbreak investigation and response
- Intersectional surveillance coordinator, Haiti
- Provided trainings on key epidemiological principles for MSF staff

**Epicentre/
Médecins Sans
Frontières,**
Paris, France

Dec 2012–Jul 2013 Health Cluster Information Manager

Principal responsibilities:

- Coordinated the management of health cluster information
 - Designed and implemented project for surveillance of epidemic-prone diseases
 - Developed and implemented tools for automatic analysis and reporting of nutrition and mortality trends

Merlin,
Yangon,
Myanmar

	<ul style="list-style-type: none"> – Mapped the availability of health services and resources using geospatial techniques • Coordinated a survey on Knowledge, Attitudes and Practices (KAP) relating to contraception and skilled birth attendants
<i>Communication in Science, Multiple countries</i>	<p><i>May 2012–Present</i> Workshop Facilitator</p> <p>Principal responsibilities:</p> <ul style="list-style-type: none"> • Facilitate workshops on biomedical scientific communication • Medical editor for biomedical journals
<i>Health & Nutrition Tracking Service (HNTS), Goma, DRC</i>	<p><i>Apr 2009–Jan 2010</i> Epidemiologist</p> <p>Principal responsibilities:</p> <ul style="list-style-type: none"> • Coordinated multi-sectoral rapid assessments among crisis-affected populations • Provided technical assistance on survey protocols • Trained and supervised staff conducting household surveys • Developed and tested public health assessment methods
<i>World Health Organisation (WHO), Geneva, Switzerland</i>	<p><i>Mar 2008–Mar 2009</i> Public Health Officer</p> <p>Principal responsibilities:</p> <ul style="list-style-type: none"> • Coordinated the development, field-testing and implementation of a multi-sectoral rapid assessment tool for emergencies • Developed key indicators and benchmarks for use in evaluating humanitarian public health response
<i>Médecins Sans Frontières, Nukus, Uzbekistan</i>	<p><i>Mar 2007–Feb 2008</i> Epidemiologist</p> <p>Principal responsibilities:</p> <ul style="list-style-type: none"> • Coordinated the implementation of the operational research agenda • Supervised a team of data entry clerks and database managers • Performed routine data analysis and reporting
<i>London School of Hygiene & Tropical Medicine, London, UK</i>	<p><i>Sep 2005–Jun 2006</i> Research Assistant</p> <p>Principal responsibilities:</p> <ul style="list-style-type: none"> • Conducted a literature review on prevalence and determinants of male circumcision in the context of HIV • Performed analyses of multi-country health equity data

COMPUTER PROGRAMMES

<i>Programmer</i>	R, L ^A T _E X, Microsoft Excel (VBA), EpiData
<i>Proficient</i>	STATA, ArcGIS, Microsoft Access, HTML, Windows, & Powerpoint

LANGUAGES

English (mother tongue); French (working fluency)

PUBLICATIONS

<i>Emerg Infect Dis</i>	Mortality rates during cholera epidemic, Haiti, 2010–2011 LUQUERO, FJ et al, 2016
<i>Vaccine</i>	Measles seroprevalence in Chiradzulu district, Malawi: Implications for evaluating vaccine coverage POLONSKY, J et al, 2015
<i>Int J Infect Dis</i>	Exploring HIV infection and susceptibility to measles among older children and adults in Malawi: a facility-based study POLONSKY, J et al, 2015
<i>PLoS Negl Trop Dis</i>	Geographic distribution and mortality risk factors during the cholera outbreak in a rural region of Haiti, 2010-2011 PAGE, AL et al, 2015
<i>PLoS One</i>	Descriptive Epidemiology of Typhoid Fever during an Epidemic in Harare, Zimbabwe, 2012 POLONSKY, J et al, 2014
<i>N Engl J Med</i>	Ebola Virus Disease in West Africa — The First 9 Months of the Epidemic and Forward Projections WHO EBOLA RESPONSE TEAM, 2014
<i>Am J Trop Med Hyg</i>	Emerging filoviral disease in Uganda: proposed explanations and research directions POLONSKY, J et al, 2014
<i>Confl Health</i>	High levels of mortality, malnutrition, and measles, among recently-displaced Somali refugees in Dagahaley camp, Dadaab refugee camp complex, Kenya, 2011 POLONSKY, J et al, 2013
<i>PLoS Curr</i>	Public Health Surveillance After the 2010 Haiti Earthquake: the Experience of Médecins Sans Frontières POLONSKY, J et al, 2013
<i>Disaster Med Public Health Prep</i>	Changes in size of populations and level of conflict since World War II: implications for health and health services GARFIELD, R, POLONSKY, J & BURKLE, FM, 2012
<i>Popul Health Metr</i>	Sentinel site community surveillance of mortality and nutritional status in southwestern Central African Republic, 2010 CALEO, GM et al, 2012
<i>Prehosp Disaster Med</i>	Changes in mortality rates and humanitarian conditions in Darfur, Sudan 2003-2007 GARFIELD, R & POLONSKY, J, 2010
<i>Confl Health</i>	Violence against civilians and access to health care in North Kivu, Democratic Republic of Congo: three cross-sectional surveys ALBERTI, KP et al, 2010
<i>Health Policy Plan</i>	Equity in community health insurance schemes: evidence and lessons from Armenia POLONSKY, J et al, 2009
<i>N Engl J Med</i>	Emergence of extensive drug resistance during treatment for multidrug-resistant tuberculosis COX, HS et al, 2009
<i>WHO/UNAIDS</i>	Male circumcision: global trends and determinants of prevalence, safety and acceptability WEISS, H & POLONSKY, J, 2007