

# JONATHAN POLONSKY

## PERSONAL INFORMATION

*Nationalities* British & South African

*Email* [jonathan@epidemos.com](mailto:jonathan@epidemos.com)

## EDUCATION

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

2003 *BA Human Sciences* Oxford University

## WORK EXPERIENCE

*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

*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 automated analysis and reporting of nutrition and mortality trends
  - Mapped and monitored the availability of health services and resources using geospatial techniques

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

*Epicentre/  
Médecins Sans  
Frontières,  
Paris, France*

*Merlin,  
Yangon,  
Myanmar*

- Coordinated a survey on Knowledge, Attitudes and Practices (KAP) relating to contraception and skilled birth attendants

*May 2012–Present*      Workshop Facilitator

*Communication  
in Science,  
Multiple countries*

**Principal responsibilities:**

- Facilitate workshops on biomedical scientific communication
- Medical editor for biomedical journals

*Apr 2009–Jan 2010*      Epidemiologist

*Health &  
Nutrition  
Tracking Service  
(HNTS),  
Goma, DRC*

**Principal responsibilities:**

- 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

*Mar 2008–Mar 2009*      Public Health Officer

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

**Principal responsibilities:**

- 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

*Mar 2007–Feb 2008*      Epidemiologist

*Médecins Sans  
Frontières,  
Nukus,  
Uzbekistan*

**Principal responsibilities:**

- Coordinated the implementation of the operational research agenda
- Supervised a team of data entry clerks and database managers
- Performed routine data analysis and reporting

*Sep 2005–Jun 2006*      Research Assistant

*London School  
of Hygiene &  
Tropical  
Medicine,  
London, UK*

**Principal responsibilities:**

- 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**

*Programmer*

R, L<sup>A</sup>T<sub>E</sub>X, Microsoft Excel (VBA), EpiData

*Proficient*

STATA, ArcGIS, Microsoft Access, HTML, Windows, & Powerpoint

**OTHER INFORMATION**

*Languages*

ENGLISH · Native speaker

FRENCH · Advanced (working fluency)

## PUBLICATIONS

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