

# JONATHAN POLONSKY

## PERSONAL INFORMATION

<i>Nationalities</i>	British & South African
<i>Address</i>	Quai Charles-Page 37, 1205 Geneva, Switzerland
<i>Email</i>	<a href="mailto:jonathan@communicationinscience.com">jonathan@communicationinscience.com</a>
<i>Website</i>	<a href="http://communicationinscience.com">communicationinscience.com</a>
<i>Phone</i>	+41 (0) 79 367 62 15

## EDUCATION

2005	<i>MSc Epidemiology</i>	London School of Hygiene & Tropical Medicine
2003	<i>BA Human Sciences</i>	Oxford University

## WORK EXPERIENCE

<b>World Health Organisation (WHO), Geneva, Switzerland</b>	<i>May 2014–Present</i>	Epidemiologist
	<b>Principal tasks:</b>	<ul style="list-style-type: none"><li>• Ebola response<ul style="list-style-type: none"><li>– Epidemiologist focal point at HQ</li><li>– WHO country coordinator for surveillance and laboratory issues, Sierra Leone</li><li>– Field epidemiology and data analysis, Sierra Leone</li></ul></li><li>• Automated data analysis and reporting<ul style="list-style-type: none"><li>– Development of automated analysis and reporting component of the Health Resources And Availability Monitoring System (HeRAMS) &amp; MVH, a tool for documenting attacks on health care workers</li><li>– Roll out of Health Cluster tools (adaptation, implementation and training), including HeRAMS, MVH, and EWARS (Early Warning, Alert &amp; Response System).</li><li>– Development of further ad-hoc tools, including a tool for predicting cholera cases based on recent rainfall and a financial contribution tracking report</li></ul></li></ul>
<b>Epicentre/ Médecins Sans Frontières, Paris, France</b>	<i>Feb 2010–May 2014</i>	Epidemiologist
	<b>Principal tasks:</b>	<ul style="list-style-type: none"><li>• Monitoring and evaluation of public health programmes</li><li>• Design &amp; implementation of cross-sectional surveys</li><li>• Design &amp; implementation of sentinel-site surveillance systems</li><li>• Spatial epidemiological analysis</li><li>• Clinical research</li></ul>
<b>Medical Emergency Relief International (Merlin), Yangon, Myanmar</b>	<i>Dec 2012–Jul 2013</i>	Health Cluster Information Manager
	<b>Principal tasks:</b>	<ul style="list-style-type: none"><li>• Supporting health cluster partners to establish and improve health information systems (HIS)</li></ul>

- Design & implementation of EWARS for surveillance of epidemic-prone diseases
- Developing and implementing tools for automatic analysis and reporting of nutrition and mortality trends
- Using geospatial techniques to map the availability of health services and resources (HeRAMS)
- Design & implementation of Knowledge, Attitudes & Practices (KAP) survey relating to contraception & skilled birth attendants

*May 2012–Present*      Workshop Facilitator

**Principal tasks:**

- Provide training and facilitate workshops on biomedical scientific communication
- Medical editor for biomedical journals

**Communication in  
Science,**  
*Multiple countries*

*Apr 2009–Jan 2010*      Epidemiologist

**Principal tasks:**

- Providing technical assistance on survey protocols
- Training and supervising staff conducting household surveys
- Coordinating multi-sectoral assessments among crisis-affected populations
- Development and pilot-testing of novel public health assessment methods

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

*Mar 2008–Mar 2009*      Public Health Officer

**Principal tasks:**

- Overseeing the development, field-testing and implementation of a multi-sectoral rapid assessment tool (mIRA)
- Developing key indicators and benchmarks for use in evaluating humanitarian public health response

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

*Mar 2007–Feb 2008*      Epidemiologist

**Principal tasks:**

- Monitoring and evaluation of an MDR-TB treatment project
- Directing and carrying out the operational research agenda

**Médecins Sans  
Frontières,**  
*Nukus,  
Uzbekistan*

*Sep 2005–Jun 2006*      Research Assistant

**Principal tasks:**

- Conducted a literature review on prevalence and determinants of male circumcision
- Health economics analyses
- Analysis of a large, multi-country survey

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

## 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>	Spatial and temporal clustering of typhoid fever identified foci of transmission during an outbreak 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

#### COMPUTER PROGRAMMES

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

*Proficient*                    STATA, ArcGIS, Microsoft Access, Windows, & Powerpoint

#### OTHER INFORMATION

*Languages*                    ENGLISH · Mother tongue

                                     FRENCH · Advanced (working fluency)

---

*Referees*                    Rebecca F. GRAIS       · Director, Epidemiology & Population Health (Epicentre)  
                                     [rebecca.grais@epicentre.msf.org](mailto:rebecca.grais@epicentre.msf.org)       · +33 (0) 1 40 21 54 75

                                     Klaudia PORTEN       · Director, Field Epidemiology & Training (Epicentre)  
                                     [klaudia.porten@epicentre.msf.org](mailto:klaudia.porten@epicentre.msf.org)       · +33 (0) 1 40 21 54 67

                                     Xavier DE RADIGUES   · Coordinator, Outbreaks & Health Emergencies (WHO)  
                                     [deradiguesx@who.int](mailto:deradiguesx@who.int)                    · +41 (0) 7 95 09 06 31