

# JESSE BOARDMAN BUMP

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## EXPERIENCE

### **Harvard School of Public Health, Boston, MA (July 2009–present)**

*Takemi Fellow in International Health*

- Analyzing the historical development of universal health coverage as a concept and the policy implications of different definitions.

### **26385 Consulting, Florence, Italy and Boston, MA (2005–present)**

*Founder.* Established international health and development consulting business. Recent assignments:

- **World Bank:** Constructed a political economy of tobacco control in developing countries to help governments and NGOs craft politically savvy and technically effective policies.
- **PATH:** Analyzed politics of diarrheal disease control and formulated strategic options for maximizing the health impact of a rotavirus vaccine.
- **World Health Organization:** Consulted with senior management and expert groups to solicit views, reach a consensus, and produce a nine-year strategic plan for a 19-country onchocerciasis control program. Plan approved by international governing body and has been implemented.

### **The World Bank, Washington, DC (1997–1998; 2001–2004)**

*Health Specialist/ Consultant, Onchocerciasis (River Blindness) Coordination Unit, Africa Region*

- Played key role in raising \$10M/ year from donor countries.
- Identified opportunity to leverage existing African drug distribution channel, raised \$250K for pilot study. Approach validated and since adopted as national policy in many countries, now delivering tens of millions of health commodities per year.
- Coordinated private sector partners, donor countries, researchers, and other UN agencies to ensure progress in 30-country disease control project. Represented the Bank in project evaluations, field visits, and international meetings.

*Research Assistant, Poverty Reduction and Economic Management Network*

- Built global urban poverty database and statistically analyzed characteristics and determinants.
- Forecast the largest problems and formulated policy recommendations.
- Results presented internationally, published in three languages, and incorporated in Bank's Urban Strategy.

### **The Johns Hopkins University, Baltimore, MD (1996–1997; 1998–2000)**

*Instructor, Teaching Assistant.*

- Researched and taught summer course emphasizing historical determinants of the current healthcare system.
- Led discussion sections and delivered occasional lectures on western science, medicine, aviation, and engineering.

## EDUCATION

### **Harvard University School of Public Health, Boston, MA (2009)**

M.P.H. in International Health

### **The Johns Hopkins University, Baltimore, MD (2005)**

Ph.D. in the History of Science, Medicine, and Technology

- Analyzing a century of African health, dissertation demonstrates how to mobilize technical and financial support for tropical disease control, and evaluates economic models used in first World Bank health project.
- Won George E. Owens Fellowship (natural sciences) and five other awards.

### **Amherst College, Amherst, MA (1994)**

A.B. *cum laude* in Astronomy and History

- Won Porter Prize for best astronomy student.

## PERSONAL

Ran on 3,045 consecutive days from 1999 through the finish line of the 100km del Passatore ultramarathon, 27 May 2007. Compete for the Boston Athletic Association's running team. Traveled in 26 countries. Fond of tea.

**Language skills:** advanced Italian, functional Turkish, and useful but declining French.

## PUBLICATIONS

### Articles and Book Chapters

- Okeibunor, J., J. Bump, H. Zouré, A. Sékétéli, C. Godin, and U. Amazigo. 2008. "A Model for Evaluating the Sustainability of Community-Directed Treatment with Ivermectin in the African Programme for Onchocerciasis Control." Under review at the *International Journal of Health Planning & Management*.
- Amazigo, U., J. Okeibunor, V. Matovu, H. Zouré, J. Bump, and A. Sékétéli. 2007. "Performance of Predictors: Evaluating Sustainability in Community-Directed Treatment Projects of the African Programme for Onchocerciasis Control." *Social Science & Medicine* 64(10): 2070–82.
- Duygan, B. and J.B. Bump. 2007. "Can Trade Help Poor People? The Role of Trade, Trade Policy and Market Access in Tanzania." *Development Policy Review* 25(3): 293–310.
- Bump, J.B., B. Benton, A. Sékétéli, B. Liese, and C. Novinsky. 2006. "Defeating Riverblindness: Thirty Years of Success in Africa." In Fox and Liebenthal, eds., *Attacking Africa's Poverty*, (Washington, DC: World Bank).
- Amazigo, U., M. Noma, J. Bump, et al. 2006. "Onchocerciasis." In Jamison, D.T., et al., eds. *Disease and Mortality in Sub-Saharan Africa*, 2<sup>nd</sup> ed. (Washington, DC: World Bank)
- Amazigo, U.V., E. Nnoruka, C. Maduka, J. Bump, B. Benton, and A. Sékétéli. 2004. "Ivermectin (Mectizan) Improves Skin Condition and Self-esteem of Females with Onchocerciasis: A Report of Two Case Studies." *Annals of Tropical Medicine and Parasitology* 98(5): 533–37.
- Benton, B., J. Bump, A. Sékétéli, and B. Liese. 2002. "Partnership and Promise: Evolution of the African River-blindness Campaigns." *Annals of Tropical Medicine and Parasitology* 96(1): 5–14.

### Thesis

- Bump, J.B. 2005. *The Lion's Gaze: River Blindness from Tropical Curiosity to International Development*. Ph.D. dissertation, Johns Hopkins University. (UMI)

### Working Papers

- J.B. Bump, M.R. Reich, et al, "Shaping the Global Health Agenda: What Happened to Diarrheal Disease Control?"
- J.B. Bump, "The historical dimensions of Onchocerciasis in Central Africa."
- J.B. Bump, "Parasitology's First Paradox: How worms were correlated with disease."
- A. Binagwaho, J. Noguchi, G. Sebaziga, M-N Senyana-Mottier, M. Li, J. B. Bump, M. C. Smith Fawzi, "Transition and development of Rwanda's national HIV monitoring and evaluation system: utilizing innovative technology and fostering local leadership."