

**Jennifer E. Antilla, MPH**

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**SUMMARY OF PROFESSIONAL EXPERIENCE**

Senior program manager and health information system advisor with 14 years global health experience providing technical assistance on health information systems, supply chain management, and workforce development programs \* Applies participatory approaches to gain consensus among stakeholders \* Develops practical, cost-effective, yet innovative strategies for results-oriented health information system programs in resource-limited countries\* Process-oriented team player \* Familiar with OpenMRS, BLIS, OpenELIS, DHIS2, and TrainSMART \* Proficient with Excel, Word, Outlook, PowerPoint, Articulate \* Conversant in French and Bambara.

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**PROFESSIONAL EXPERIENCE**

**Community Capacity Development**

- Provided guidance and direction aimed at increasing engagement by implementers and service providers in OpenMRS community activities (i.e: producing community modules, defining technical roadmaps, defining technical conventions).
- Launched and managed the International Association of Public Health Logisticians (IAPHL), recruiting and engaging members to participate in an online community of practice that currently has over 5400 members in 143 countries.
- Designed and developed eLearning modules on system classification, eHealth architecture, interoperability, data quality, data management, and data use, leading to increased capacity among national health information system leadership.
- Managed the design, development, and implementation of the KenyaEMR Training Program, used to train over 40 EMR System facilitators, 340 EMR mentors, 620 health managers, and over 1000 EMR system users.
- Collaborated with local subject matter experts and applied adult learning theory to create, pilot and revise curricula for over five in-service training courses on topics related to leadership in informatics, supply chain management, information systems and data use, IT support, and software development.
- Created and applied a tool to tailor informatics competencies and define human resource needs in support of electronic health information systems implementation in three countries (Kenya, Cote d'Ivoire, Malawi).

**Information System Development, Implementation, and Evaluation**

- Adapted Agile-based approaches to strengthen processes for open-source information system development and implementation across I-TECH countries
- Assisted the Ivorian ministry of health to review and document laboratory information system (LIS) requirements and specifications, enabling the selection of an LIS best suited to local data needs.
- Developed information system software requirements, specifications, and testing materials, leading to stable system updates and reductions in on-site technical support.
- Led and trained technical teams to conduct site visits to define laboratory data needs and gather requirements for strengthening laboratory information system reporting and use.
- Evaluated the development and pilot implementation of an electronic medical record system in Guyana.

## **Strategic Planning and Management**

- Collaborated with Ministries of Health to plan, organize, and facilitate collaborative meetings with CDC, UNAIDS, PAHO, UNFPA, and other ministry agencies to craft strategic plans for national eHealth information systems (Guyana, Cameroon) and commodity security (Haiti, Liberia).
- Streamlined system development, implementation, capacity building, and transition technical activities into a strategic vision for improving information system implementation and data use
- Applied quality improvement methods to strengthen Kenya's EMR user training program, leading to a 300% increase in the number of on-site mentors and MOH facilitators as well as a 50% reduction in training costs.
- Led virtual teams in Kenya and Cote d'Ivoire to coordinate development and implementation plans for open-source information system software, resulting in successful information system deployment in 65 laboratories in Cote d'Ivoire and 340 health care facilities in Kenya.
- Built consensus among donors, ministry of health units, and international partners to adopt sustainable strategies to transition key laboratory information system technical and programmatic activities to the Ivorian Ministry of Health
- Developed three successful grant proposals worth \$3.84 million aimed at strengthening laboratory and information system implementation, data systems, and/or data use globally.
- Managed a five year CDC cooperative agreement with an annual workplan and budget of \$2.74 million
- Collaborated with technical and programmatic teams to develop monitoring and evaluation plans for information system development and implementation activities in Kenya and Cote d'Ivoire.
- Prepared monthly progress updates, quarterly and annual reports for project leadership and donors on progress towards technical and programmatic deliverables.

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## **EMPLOYMENT HISTORY**

### **UNIVERSITY OF WASHINGTON**

Department of Biobehavioral Nursing and Health Informatics (BNHI) – Seattle, WA  
OpenMRS Director of Community 2018 - present

International Training and Education Center for Health (I-TECH) – Seattle, WA

Department of Global Health

Senior HIS Implementation Specialist 2015 - 2018

Senior Program Manager (Cote d'Ivoire) 2015 – 2017

Technical Officer: Informatics Capacity Building, 2010 – 2015

JOHN SNOW, INC - Arlington, VA

JSI Logistics Services, DELIVER Project, and the USAID | DELIVER PROJECT

Organizational Strengthening Technical Advisor, 2007 – 2009

Performance Improvement Course Planner, 2005 – 2007

Program Coordinator, 2004 – 2005

UNIVERSITY OF NORTH CAROLINA - Chapel Hill, NC

HIV Antiretroviral Adherence Program Model Evaluation

Research Assistant

2002-2003

CEDPA - Washington, DC  
Technical Advisors in AIDS and Child Survival (TAACS) Project  
Program Associate, 2000-2002

PEACE CORPS - Mali, West Africa  
Health Education Specialist, 1997-1999

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## EDUCATIONAL BACKGROUND

- MPH**                      **University of North Carolina, School of Public Health, 2004**  
Chapel Hill, NC  
Health Behavior/Health Education
- B.A.**                      **Whitman College, 1996**  
Walla Walla, WA  
Sociology with minors in French and Education

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## PUBLICATIONS

- **Antilla J**, Wall L, Atelu C, Muthee V, Liku N, Puttkammer N. *Building Human Capacity for Optimal Use of an Electronic Medical Record System in Kenya: Results of a Pilot Evaluation of Two eLearning Modules*. Accepted for Poster Presentation at 2016 Consortium of Universities for Global Health Conference, San Francisco, CA, USA, April 2016
- Atelu C, **Antilla J**, Muthee V, Puttkammer N. *Evolution of the KenyaEMR training program: Towards efficiency and quality in scale-up*. Oral Presentation at 2014 Kenya National AIDS Control Program M&E Best Practices Conference, Nairobi, Kenya, September 2014 (with award for best oral abstract for the Human Resources for Health track).
- **Antilla, J**, Nzyoka R, Waldman K, Wanyee S, Morrison M, Odawo P. *One Size Does Not Fit All: Tailoring Health Informatics Competencies and Training Programs Based on Local Context*. Poster Presentation at 2011 Consortium of Universities for Global Health Conference, Montreal, Quebec, Canada, November 2011.
- **Antilla, J**, Durgavich J, Gonzalez H. *Analyse de la situation de la sécurité des produits de santé de la reproduction en Haïti*. Arlington, VA: John Snow, Inc. / Services de Logistique, UNFPA et le Ministère de la Santé Publique et de la Population, Direction de la Santé Familiale et Direction de la Pharmacie et du Médicament. June 2007.
- Kagone, M, Dowling P, **Antilla J**, and Cooper R. *Liberia: A Contraceptive Security Assessment*. Arlington, Va.: DELIVER, for the U.S. Agency for International Development. 2007.