

KATHLEEN LUDEWIG OMOLLO

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Technology professional with over 5 years experience across the private, non-profit, and academic research sectors. Proficient in project management, systems integration, knowledge management, software development, intellectual property, technical writing, qualitative/quantitative research, grant administration, collaboration technologies, and French.

PROFESSIONAL EXPERIENCE

International Program Manager

Jan. 2012 - Present

Project Manager, African Health Open Educational Resources Network

May 2010 - Jan. 2012

University of Michigan, Medical School, Office of Enabling Technologies, Ann Arbor, Michigan

Responsibilities

Manage the performance for a 3-year multi-country cross-institutional \$624,000 health education project (www.oerafrica.org/healthoer/) sponsored by the William and Flora Hewlett Foundation, including: managing relationships and communications with collaborators in sub-Saharan Africa; coordinating responsibilities for five to six University of Michigan project team members; coordinating events, work plans, subcontracts, variance reports, grant proposals, and quality assurance of deliverables; ensuring consistent, centralized, easily navigable storage of project documents and contacts; overseeing online and offline distribution of resulting health instructional modules; contributing to data collection, evaluation, and marketing activities; and presenting at campus, regional, and international conferences.

Achievements

- Assisted African health educators in using simple, low-cost technology to create 339 multimedia-rich learning materials that were lower-cost and more contextually relevant than previously available educational resources
- Established strong, collaborative professional relationships with project managers at partner institutions to timely coordinate Network activities within our respective organizations and to ease transitions amidst turnover
- Engaged senior level faculty, staff, and government officials in project-related planning and strategy discussions
- Led development of proposals and associated budgets for six related funding opportunities
- Piloted mobile prototype for cross-platform offline delivery of learning module for Ghanaian medical students
- Authored two case studies and one book chapter highlighting the strategies, achievements, challenges, and lessons learned using qualitative analysis of nascent open educational resources initiatives at partner universities in Ghana
- Facilitated communication among colleagues at institutions in Ghana, South Africa, Kenya, Uganda, and U.S via on-site consultation, joint workshops, newsletters, audio and video conferences, and discussion lists
- Invited by the OpenCourseWare Consortium to author a guest blog entry on facilitating collaborative, multi-institutional projects involving developed and developing countries
- Advised technology infrastructure for related University of Michigan partnerships in Africa, including a Gates Foundation-sponsored human resources for health project in Ghana, an emergency medicine project in Ghana funded by the Fogarty International Center, and a USAID-funded engineering education project in Liberia
- Applied standardized project methodologies such as agile development and A3 templates from Lean

Technology Consultant, Ghana-Michigan Charter

Feb. - Oct. 2010

University of Michigan, Center for Global Health, Ann Arbor, Michigan

Responsibilities

Conducted literature review and interviews to create an assessment framework and detailed analysis of the information and communications technology infrastructure to support general and health education at two Ghanaian universities.

Open Education Specialist, Open.Michigan / African Health Inter-Institutional Project

Sept. 2008 - Apr. 2010

University of Michigan, Medical School, Office of Enabling Technologies, Ann Arbor, Michigan

Responsibilities

Provided policy and technology support for open educational resources activities across University of Michigan (open.umich.edu/) as well as partner health science institutions in Ghana and South Africa (www.oerafrica.org/healthproject/), specifically: mentored student volunteers, staff, and faculty on how to license, produce, and distribute educational materials to share freely worldwide; drafted and analyzed policy documents on topics such as intellectual property, privacy, and incentive structures for production of free instructional materials; and liaised with partner institutions in Ghana and South Africa on local institutional policies and practices for electronic learning.

Achievements

- Recommended and implemented efficiency improvements in a distributed copyright clearance process
- Produced two film documentaries featuring colleagues in Ghana which highlighted their motivations, processes, and aspirations for enriching instruction through free, openly licensed educational resources
- Invited by four partner institutions in Ghana and South Africa to present workshops on copyright, multimedia production, quality assurance, and open license policy advocacy
- Co-authored and evaluated responses for a request for proposal for a publishing platform for learning materials
- Assisted in writing a successful follow-on grant proposal for sustained financial support of African partnerships

Policy Fellow, Community Initiatives

May - Sept. 2008

Corporation for a Skilled Workforce, Ann Arbor, Michigan

Responsibilities

Managed requirements gathering from community economic development organizations, functional design, request for proposal, software development team, and documentation for a social networking website for Michigan entrepreneurs.

Programmer/Analyst

Sept. 2007 - Sept. 2008

University of Michigan, Digital Library Production Service, Ann Arbor, Michigan

Responsibilities

Contributed code, testing suites, automation scripts, and user documentation to a software system that hosted over 13 million electronic resources, including the Michigan Digitization Project with Google Books.

Consulting Analyst

Aug. 2006 - Sept. 2007

Accenture, U.S. Delivery Center – Consulting Division, Chicago, Illinois

Responsibilities

Designed and delivered innovative technical solutions for 3 medium- to large-sized companies, specifically: analyzed and documented existing business processes; customized and tested software applications; authored training materials; and completed intensive training in consulting, project management, functional/technical architecture, and quality assurance.

Achievements

- Developed the user interface for a web-based content management system for a large insurance company
- Implemented comprehensive test suites for a consumer-lending software system at a medium-sized bank
- Authored user guides, designed testing tools, and analyzed test metrics for an internal SAP project

EDUCATION

Master of Public Policy , Gerald R. Ford School of Public Policy, University of Michigan	2010
Master of Science of Information , School of Information, University of Michigan	2010
Bachelor of Arts with majors in International Studies and French , Hope College	2006
Bachelor of Science in Computer Science , Hope College	2006
International Organizations & Social Justice Semester Program in Switzerland, School for International Training	2004

Graduate-Level Coursework in International Development

- **Policy**: Economics of Developing Countries; Labor Markets and Public Policy Around the World; Public Health in Developing Countries; Microfinance; Information Technology and International Development; Microeconomics; Economic Development Planning; Global Governance; U.S. Foreign Policy
- **Evaluation**: Cost-Benefit Analysis; Qualitative Outcome-Based Evaluation; Statistics; Data Analysis Practicum

TECHNICAL COMPETENCIES

- **Multimedia**: Microsoft Office Suite, Adobe Creative Suite, Camtasia Studio, Omnigraffle, iWork
- **Project Management**: Basecamp, Microsoft Project, Jira, Mercury Quality Center, FootPrints, GitHub
- **Customer Relationship Management**: CiviCRM
- **Statistical Packages**: Stata, R
- **Content Management Systems**: Drupal, Moodle, Sakai, Documentum, MediaWiki, WordPress
- **Databases and Servers**: MySQL, Microsoft Access, Microsoft SQL Server, Apache Tomcat, Lotus Notes
- **Programming Languages**: Perl, Javascript, Java, PHP, Python, XSLT, C++, C#, Visual Basic .NET, VHDL