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SUMMARY

- **Leader in global health information with deep experience in Africa and more than 30 years of professional experience in the communications field. Committed to bringing together information and technology with partners, projects, and funding, using a variety of media.**
- **Developed successful methodology that moves project leadership to the local level enabling in-country librarians, physicians, and researchers to determine how information projects are developed and used, enabling partners from outside to share tools with African partners to solve problems the Africans have identified.**

WORK EXPERIENCE

Julia Royall, Global Health Information Specialist, 2011 - Present

Principal

Formed global consultancy to bring health education and medical knowledge to the underserved, particularly in Africa. Major projects and clients include:

- Carnegie Mellon University - Africa; Inaugurated African Student Innovation Fund
- Network of African Medical Librarians - Principal Investigator for \$500K project funded by Office of Global AIDS Coordinator – digital health repositories by medical librarians in 7 African countries.
- African Strategies for Advancing Pathology (ASAP)– Consultant in information resources and technology; interactive map of pathology capacity in Africa.
- Constituency for Africa (CFA) – Africa Healthcare Infrastructure Committee – Forum at the African Union Mission in Washington, DC.
- African Medical Journal Editors Partnership Project - Ongoing consultant in development and documentation.
- Medical Education Partnership Project Initiative (MEPI), Office of Global AIDS Coordinator, U.S. Department of State and U.S. National Institutes of Health (NIH) to strengthen medical librarians and medical journal editors at participating universities and their role in supporting education and research; produced “Voices of Change,” a short interactive web-based video series, featuring MEPI principal investigators, as a mechanism for sharing research.
- Fogarty International Center/NIH - advise Director on issues of Internet connectivity in Africa and strategies for combining technology and pedagogy to enhance medical education.
- U.S. National Library of Medicine – create interactive mapping display of work carried out in Africa under Royall’s leadership.
- Lecturer in Health Sciences Informatics (part-time), Medical Faculty, Johns Hopkins University 2013 – 2016.

Current appointments:

Director’s Advocacy Council – Carnegie Mellon University Africa 2016- present

Fulbright Specialist 2013 – present:

Office of Vice Chancellor, Kenyatta University, Kenya – made “Snapshots of Change,” a series of short video interviews with students enrolled in the university’s unique programs supporting innovation, vulnerable children, the disabled, and international exchange (2014).

U.S. National Library of Medicine, National Institutes of Health, Bethesda, MD 1997 – 2011
Chief, Office of International Programs

- Recruited as Special Expert and promoted to Chief, to leverage partnerships with US government agencies, such as the Centers for Disease Control, major international NGOs such as the World Health Organization, government agencies in Africa, private foundations (such as Wellcome Trust in UK), scientific organizations, research institutes, and universities in the US, UK, and Africa. Oversaw all aspects of project development – organizational, financial, contractual, technical, information services and relationships with partners.
- Project Director, Malaria Research Network (a telecommunications network for scientists in Africa) to lead project to create the first malaria research communications network in Africa (MIMCom) as part of the Multilateral Initiative on Malaria. Enabled scientists in Africa to have full access to the Internet and the World Wide Web as well as access to medical literature (27 research sites in 14 African countries.) (1997 – 2004/sustainability.) Continued to serve as advisor to Multilateral Initiative on Malaria through 2010.
- Major results included: Initiated and led creation of Multilateral Initiative on Malaria Communications Network (MIMCom) comprising 27 research sites in 14 African countries; guided African medical students and faculty in the development of MedlinePlus Tutorials in malaria, diarrhea, and mental health; facilitated the development of the Network of African Medical Librarians and Deans and the African Journal Partnership Project.
- Professional travel (1990 – present) has included major cities and remote research sites in: Uganda, Kenya, Tanzania, Ethiopia, Mozambique, Malawi, Zambia, Zimbabwe, South Africa, Nigeria, Gabon, Ghana, Mali, Cameroon, Senegal, Algeria, Morocco, China, Hong Kong, Thailand, Japan, Saudi Arabia, UK, and Europe.

MIT Media Lab Massachusetts Institute of Technology Cambridge, MA 1997
Project Coordinator, Digital Life Consortium, one of three consortia at the Media Lab

- Responsible for communication and interaction between over 40 sponsors and faculty as well as organizing major sponsor meetings for Digital Life at the Media Lab.
- Worked directly with over 40 corporate sponsors, a faculty of 15, and numerous graduate students. Organized visits for sponsors and demonstrations of projects by faculty and students.

SatelLife, Cambridge, MA 1990-1994
Deputy Director

- Nonprofit dedicated to satellite delivery of public health and medical information in developing countries; SatelLife's HealthNet was first Internet service for health in SubSaharan Africa. As first Director of HealthNet Information Service, established programs relevant to health issues and research. Assembled international partners and facilitated interaction and exchange; supervised production and distribution of electronic publications.

- Developed partnerships with organizations, such as the World Health Organization, The New England Journal of Medicine, The British Medical Journal, and Harvard AIDS Institute. Initiated Library Partnership Program for developing countries to exchange medical information. Negotiated proposals to NEC Corporation of Japan, resulting in contributions totaling \$1 million.

WGBH Boston, Boston, MA 1986-1988

Producer

- Initiated and managed, American Mosaic, chronicling immigration history, law and policy. Created collaborations between WGBH and the organizations such as: The Statue of Liberty-Ellis Island Foundation American Bar Association, and Smithsonian Institution.
- Wrote television treatments, developed proposals and advisory board and sponsors.

The Iron Clad Agreement, Pittsburgh, PA, and New York City 1976-1986

Executive Producer

- Co-founded and managed touring theatre company with a fulltime ensemble of actors, writer, and directors. Produced over thirty original works for theatre, radio, and television.
- Raised funding from federal and state agencies, corporations, unions, and foundations.

SELECTED AWARDS AND HONORS

- Fulbright Scholar to Uganda, 2007-8
- Director's Honor Award, National Library of Medicine, for unique contributions to strengthening NLM's international outreach to developing countries through MIMCom, the Malaria Research Communication Network for the Multilateral Initiative on Malaria. (2004)
- Distinguished Honors Alumni Award, Honors College, University of South Carolina (2002)
- Phillip C. Coleman Award, National Library of Medicine, "for her outstanding commitment and support to improve accessibility for disabled individuals." (2002)
- National Institute of Health Award of Merit "for leadership of NLM's contributions to the Multilateral Initiative on Malaria and scientific communications in Africa." (2000)
- Federal 100 Award Winner, Federal Computer Week (2000) "Led the effort to create a real-time, satellite-based research network for scientists working in Africa to find a better treatment for malaria."
- Federal Computer Week Monticello Award to NLM's Malaria Research Network in Africa "for an agency information system that had a direct and positive impact on human lives from among those managed by Federal 100 winners." (2000)

EDUCATION

- Radcliffe College - (since absorbed by Harvard) Candidate, Graduate Certificate in Management, 1997
- Carnegie Mellon University Doctoral Student Theatre Aesthetics/Dramatic Literature. Completed course work 1976
- Carnegie Mellon University Masters in English Literature, May 1973
- University of South Carolina Bachelors in English Literature (Honors Program), August 1971

SELECTED PUBLICATIONS

- Ndira, S., Ssebadduka, D., Niyonzima, N., Sewankambo, N.K., Royall, J. Tackling Malaria in Mifumi Village: A Report on a Concerted Effort by Healthcare Providers, the Community, and Information Experts. *African Health Sciences*, Vol 15, No 1 (2015)
- Royall, J. and Lyon, B. Sea-change or Change Challenge? Health Information Access in Developing Countries. *The U.S. National Library of Medicine Experience. African Health Sciences*, September 2011.
- Siegel, E.R., Royall, J., Scott, J.C. (2010). *The Revolution in Electronic Communication and Public Health*, Oxford Textbook of Public Health, Fifth Edition.
- Royall, J. Strategies for Positive Outcomes: Can Information Technology Make a Difference in Health in Africa. in *Strategy for the Future of Health*, R.G. Bushko (Ed.). IOS Press, 2009.
- Siegel, E.R., Wood, F.B., Scott, J.C., Royall, J. Web-based public health information dissemination and evaluation, *Oxford Textbook of Public Health*, Fifth Edition 2009.
- Royall, J., Bennett, M., van Schayk, I., Kamau, N., Alilio, M. (2005). Crossing the digital divide: the contribution of information technology to the professional performance of malaria researchers in Africa. *African Health Sciences*, 5, 3, 246-254.
- Royall, J. (2005). Faces of Change. *American Journal of Public Health*, 95, 4, 559-561.
- Royall, J., Bennett, M., van Schayk, I., Alilio, M. (2004). Tying up Lions: the first chapter of a malaria research communications network in Africa. *American Journal of Tropical Medicine and Hygiene*, 7 (Suppl 2), 259-267.
- Royall, J. (2003). David Ofori-Adjei – building bridges for health care and research in Ghana (interview). *The Lancet Infectious Diseases*, 3, 4, 251-254.
- Siegel, E.R., Royall, J., Scott, J.C. (2001). *The Revolution in Electronic Communication and Public Health*, Oxford Textbook of Public Health, Fourth Edition.
- Royall, J., Siegel, E.R., and Bennett, M. (2001). Wires, Webs, and MIMcom.Net. *African Journal of Medicine and Medical Sciences*. 30: 59-63.
- Royall, J., Sadowsky, G. (2000). Report on a Colloquium on Sustainability and Access to Health Information: Critical Assessment of Practical Uses of Information Technology in the Developing World. Harvard School of Public Health, May 31, 2000.

SELECTED PRESENTATIONS *(over 100 talks and presentations 1998-2011)*

- From One Small Satellite to Gadgets Galore: What's health got to do with it? Medical Library Association Conference, Chicago, Illinois 05/19/14
- Public Health Informatics: Informatics and Global Health, FAES: Center for Advanced Education in the Sciences, U.S National Institutes of Health, Bethesda, Maryland 05/10/11
- Informatics Innovation Center in Rural Uganda, Johns Hopkins University Informatics Grand Rounds, Baltimore, Maryland 05/06/11
- Information in Context of Global Settings, Uniformed Services University of the Health Sciences (USUHS), Bethesda, Maryland 04/12/11
- mHealth: What's Research Got to Do with It? George Washington University Center for Global Health, Washington, DC 04/12/11
- Infection Control and mHealth, mHealth Summit, Washington, DC, panel chair 11/09/10
- Global Health: An Overview and Case Study from the US National Library of Medicine, For Presentations in Medicine Program: The Collaboratory for High Performance Computing and Communications, 11/04/10
- Messages to Washington, Future of Health Technology Summit, Massachusetts Institute of Technology, Cambridge, MA 09/28/10
- Building the Culture of Research in Africa, One Stroke at a Time: Digital Pens and Medical Students Meet in a Small Ugandan Village, U.S. National Library of Medicine Board of Regents, Bethesda, MD, 09/13/10
- NLM into Africa: Outreach and Collaboration on Another Continent, Kenya Methodist University, Kemu, Kenya 07/23/10
- Democratization of Medicine and More Equity in the Petabyte Age, Prince Mahidol Award Conference, Bangkok, Thailand, 01/29/10
- Dissemination of Evidence Based Resources: The Mission of the US National Library of Medicine, Quality of Care Issues for Mental Health and Neurological Disorders in sub-Saharan Africa, Institute of Medicine and Uganda National Academy of Science, Kampala, Uganda, 08/04/09
- Malaria at NLM: From the Global to the Local, Presentation to Consultation between CDC and NIH on Malaria Research Activities in President's Malaria Initiative (PMI) Countries, 03/26/09
- Communicating with Health Consumers in Africa, Presentation to class on Consumer-Provider Health Communication, Department of Communication, George Mason University, 03/19/09
- Informatics Development in Africa, Presentation to class on Science, Technology, and Development, Elliott School of International Affairs, The George Washington University, 03/12/09
- Muzungu in the Mist: NLM Filings from the Front Line in Uganda, Presented to National Library of Medicine and National Institutes of Health, Bethesda, MD, 01/12/09
- Building Research and Human Capacity One Link at a Time: The National Library of Medicine's International Information Interventions, American Society of Tropical Medicine and Hygiene, Information Technology for Research Collaboration and Training in Developing Countries, New Orleans, 12/10/08
- Medical Students as Change Agents: Ugandan Case Study: MedlinePlus African tutorial on Malaria, Presented to: International Students' Conference on Malaria in the Tropics, Kampala, Uganda 11/21/08

- International at NLM: Opportunities for Collaboration, Presented to National Institutes of Health international representatives, Fogarty International Center, NIH in Bethesda, MD, 08/09/07
- Crossing the Digital Divide: The Contribution of Information Technology to the Professional Performance Researchers, Librarians, and Health Workers in Africa, NIH Institutes and Centers Representatives Meeting, Fogarty International Center, 07/11/06
- MedlinePlus for Africa, Workshop for Medical Librarians, Civil Service College/Global Distance Learning Center, Addis Ababa, Ethiopia, 04/05/06
- Connecting the Dots in Sub-Saharan Africa, African Academies of Science, Dakar, Senegal, 01/30/06
- Crossing the Digital Divide: The Contribution of Information Technology to the Professional Performance of Malaria Researchers in Africa, Presentation to the 4th Multilateral Initiative on Malaria PanAfrican Conference, Yaounde, Cameroon, 11/11/05
- Installing IT and Connecting the Dots in Sub-Saharan Africa, Internet2 Spring Meeting on Enhancing Research and Education Networking within and to Africa in Arlington, VA, 05/05/05
- Tying Up Lions: A Look Back and a Look Ahead at MIMCom, the Telecommunications Network for Malaria Research in Africa, Panel Presented at the Third MIM PanAfrican Malaria Conference, Arusha Tanzania, 11/18/02

WEB REFERENCES

- National Library of Medicine MedlinePlus African Tutorials: <http://www.nlm.nih.gov/medlineplus/africa/index.html>
- National Institutes of Health Podcasts, featuring Julia Royall speaking about MedlinePlus Africa tutorials:
<http://www.youtube.com/watch?v=JqZgeQvqiRU&NR=1>
http://www.youtube.com/watch?v=eZ5HH8_4WOc
<http://www.youtube.com/watch?v=zapKdT7hkJ4&feature=channel>

CURRENT BOARD AFFILIATIONS

Partnerships in Health Information, Trustee, London, UK, 2014-present

Kenyatta University Foundation, Board of Directors for U.S. Boston-based foundation of Kenyatta University in Nairobi, Kenya, 2012 – present

Kenyatta University, Research and Marketing Subcommittee of Kenyatta University Teaching, Research, and Referral Hospital, 2014 - present

Dutch Malaria Foundation, The Netherlands, Advisory Board, 2012 - present

Open Health Systems Laboratory, Rockville, Maryland, Council for Advisors on Science and Technology, 2013 – present

Mifumi USA, Board Trustee for U.S. branch of Uganda and UK based charity, 2012 – present

Annals of Emergency Dispatch, Salt Lake City, UT, Peer Reviewer, 2012 – present

Kenya Health Informatics Association (KeHIA) Informatics Journal, Editorial Board, 2014 – present

ARCHIVES

Africa Programs (1997-2011) History of Medicine Division, U.S. National Library of Medicine, National Institutes of Health, Bethesda, Maryland.

SatelLife and HealthNet News (1990-2014) History of Medicine Division, U.S. National Library of Medicine, National Institutes of Health, Bethesda, Maryland.

The Iron Clad Agreement (1976-1984) Curtis Theatre Collection, Special Collections, Hillman Library, University of Pittsburgh.

Thread/Work documentary and source tapes, South Carolina State Museum, Columbia, SC.