

PRINCIPAL INVESTIGATOR: Radin, Anna K.

PROFESSIONAL PROFILE/BIOSKETCH

NAME: Radin, Anna K.

Position Title: Applied Research Scientist, St. Luke's Health System (SLHS); Boise, ID

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	DATE AWARDED (if applicable)	FIELD OF STUDY
Johns Hopkins University Bloomberg School of Public Health Baltimore, MD, USA	DrPH	12/2017	Epidemiology <i>*Note: completed PhD coursework and training requirements in General Epidemiologic Methods Track in addition to DrPH requirements</i>
University of North Carolina Chapel Hill, NC, USA	MPH	05/2010	Health Behavior & Health Education
University of North Carolina Chapel Hill, NC, USA	Certificate	05/2010	International Development
St. Olaf College Northfield, MN, USA	BA	05/2006	History, Spanish, and French

PROFESSIONAL STATEMENT

As an expert methodologist and an experienced public health leader, Dr. Radin is well positioned to serve as PI of this study. She has a doctoral degree in epidemiology, a master's degree in health behavior, and over a decade of public health research and practice experience. Her career to date has been focused primarily on bringing evidence-based practices to scale and tailoring public health programs to reach populations most in need using routine program data. Through her work to eliminate mother-to-child transmission of HIV with the Centers for Disease Control and Prevention (CDC) and the US State Department, she successfully led and advised complex multi-country programs, coordinating efforts that brought together leaders from the highest levels of government (Presidents and Ministers of Health), multilateral organizations, multinational non-governmental organizations, healthcare providers, data entry clerks and receptionists at clinics, community-based organizations, and networks of people living with HIV and other patient groups. She brings a deep understanding of how to balance scientific rigor with pragmatism in resource-limited settings, and the power of working in partnership with a wide range of stakeholders including patients, with the aim of scaling up data-driven programming to optimize patient outcomes and save lives. As PI of a deliberately-selected, experienced, and diverse research team, Dr. Radin will bring a unique perspective, proven leadership skills, excellent training, and a strong record of academic and career success in scientific research and practice.

EMPLOYMENT AND POSITIONS HELD

INSTITUTION AND LOCATION	RESPONSIBILITIES	DATE
St. Luke's Health System, Applied Research Division; Boise, ID	Research Scientist: Responsible for designing and leading methodologically-rigorous research studies; building collaborative partnerships with academic organizations, public-sector leaders, and community-based organizations; secondary data analysis.	05/2018 – present
US Department of State, US President's Emergency Plan for AIDS Relief (PEPFAR) Office of the US Global AIDS	Senior Epidemiologist & Supervisory Team Lead for Strategic Information: Led and directed the routine collection and use of data to maximize the impact and improve quality of PEPFAR programs in 37 countries. Supervised team of 6 epidemiology	10/2016 – 05/2018

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<p>Coordinator & Global Health Diplomacy, Program Impact & Epidemic Control Team; Washington, DC</p>	<p>advisors and direct and advised larger inter-agency US Government team of 20 strategic information advisors at CDC, USAID, and DOD. Designed and implemented monitoring and evaluation plan across 37 countries. Facilitated regular analysis and use of disaggregated program data to review partner performance and developed tailored remediation strategies to address underperformance.</p>	
<p>US Department of State, US President's Emergency Plan for AIDS Relief (PEPFAR) Office of the US Global AIDS Coordinator & Global Health Diplomacy; Washington, DC</p>	<p>Senior Advisor to US Ambassador at Large for Global Health Diplomacy & US Global AIDS Coordinator: Served as senior advisor for epidemiology, data analysis, and data visualization for the U.S. Global AIDS Coordinator and Special Representative for Global Health Diplomacy (who manages a \$4.8 billion annual budget and oversees PEPFAR and the U.S. contribution to the Global Fund for AIDS, Tuberculosis, and Malaria).</p>	<p>08/2014 – 10/2016</p>
<p>US Centers for Disease Control & Prevention (CDC), Center for Global Health, Division of Global HIV/AIDS; Office of the Director; Atlanta, GA and Washington, DC</p>	<p>Senior Advisor for Prevention of Mother-to-Child Transmission of HIV (PMTCT) & Pediatric HIV Treatment: <i>Detailed from CDC to State Department:</i> Led and managed PEPFAR's work in maternal & child health and virtual elimination of new pediatric HIV infections. Oversaw portfolio with \$300 million annual budget to support PMTCT programs in 27 countries. Conducted frequent visits to support programs in Sub-Saharan Africa, working with both national (Ministers of Health, National AIDS Control Program Directors) and local government leaders, as well as providers and patients at health facilities. Wrote presentations, speeches, blogs, and opinion pieces for senior US government officials (Ambassador, Secretary of State, President)</p>	<p>11/2011 – 08/2014</p>
<p>US Centers for Disease Control & Prevention (CDC), Center for Global Health, Division of Global HIV/AIDS; Office of the Director; Atlanta, GA</p>	<p>Senior Program Manager & Public Health Analyst: Provided direct programmatic, management, and advisory support to Director of CDC's Division of Global HIV/AIDS (DGHA), who oversaw an annual budget of nearly \$2 billion and >3,000 staff. Managed high priority Division-wide initiatives including development of a Site Improvement through Monitoring System to enhance oversight for quality and financial accountability across 43 country programs.</p>	<p>03/2011 – 10/2011</p>
<p>US Centers for Disease Control & Prevention (CDC), Center for Global Health, Division of Global HIV/AIDS; Country Strategy and Management Branch; Atlanta, GA</p>	<p>Country Officer & Public Health Analyst: Served as liaison between CDC headquarters and field offices in six countries (Afghanistan, Cameroon, Haiti, Nigeria, Pakistan, and [South] Sudan). Provided technical and operational support to country teams via regular site visits. Managed Division-wide Country Assistance Plan review process. Coordinated inter-agency Country Operational Planning process in Cameroon including development of \$15M budget.</p>	<p>07/2010 – 02-2011</p>

HONORS

Extra Mile Award, US Department of State

PCORI Cycle 3 2018 People and Places Template

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Selected for Department-wide award for outstanding performance and technical assistance provided to the President's Emergency Plan for AIDS Relief (PEPFAR) country teams in strategically analyzing and using data to help achieve HIV/AIDS epidemic control (2017)

HIV/AIDS Training Grant, National Institutes of Health (NIH) and Johns Hopkins University

Selected for highly competitive pre-doctoral training position on the HIV Epidemiology and Prevention Sciences Training Program at Johns Hopkins Bloomberg School of Public Health. Training grant included full tuition for doctoral studies, stipend, and support for research-related expenses (2016-2017)

Mary B. Meyer Fellowship, Epidemiology Department, Johns Hopkins Bloomberg School of Public Health

Selected for highly competitive award including full tuition for doctoral studies and stipend (2014-2016)

Center for Global Health (CGH) Director's Medal of Excellence in Global Health, CDC

Selected for demonstrating exemplary service within CDC's Center for Global Health by exemplifying high ideals, innovation, and impact in the context of global HIV/AIDS (2012)

Commitment Award, US Department of State, Office of the Global AIDS Coordinator

Twice recognized for demonstrating the highest level of commitment to public health service through advancing PMTCT and pediatric HIV programming in PEPFAR (2012, 2013)

CGH Director's Hardship & Difficult Circumstances Award, Centers for Disease Control & Prevention (CDC)

Recognized for working under very difficult circumstances for program development in South Sudan and for overall support of CDC's Center for Global Health international public health programs (2011)

Complex Humanitarian Emergency Training Program, US Centers for Disease Control and Prevention (CDC)

Selected for competitive 2-year professional training program: included 4 weeks of coursework and mentored field experience in epidemiology, outbreak investigations, and international emergency response; co-led first Knowledge, Attitudes, and Practices (KAP) Assessment in Artibonite region of Haiti after cholera outbreak; trained and supervised 22 Haitian enumerators; collected data via 512 household surveys and 7 focus groups (2010-2012)

Presidential Management Fellow (PMF), US Federal Government

Selected for highly competitive US federal government leadership program: fellowship included full-time employment at CDC, 160 hours of training, rotations at CDC and State Department, and accelerated promotion (2010- 2012)

Arabic Foreign Language and Area Studies (FLAS) Fellowship, US Dept. of Education

Awarded full tuition and stipend for second year of Master of Public Health (MPH) program including support for continued study of Arabic language and culture (Aug 2009 – May 2010)

Arabic Fellow, State Department National Security Language Initiative; Tunis, Tunisia & Salalah, Oman

Twice awarded highly competitive Critical Language Scholarship for intensive summer study of Arabic in Tunisia (Beginning Arabic) and the Sultanate of Oman (Intermediate Arabic) (May-Jul 2007, and Jun-Aug 2008)

Magna Cum Laude, St. Olaf College (2006)

Kloeck-Jensen Grant for Peace & Social Justice, St. Olaf College

Awarded competitive grant to support travel and other expenses to conduct oral history research with Liberian refugees in the Buduburam Refugee Camp in Southern Ghana. (2005)

ADVISORY GROUP LEADERSHIP

Advisor to and Member of UNAIDS Reference Group on Modeling, Estimates, and Projections (2015-2017)

Served as epidemiology and modeling expert for the Joint United Nations Programme on HIV/AIDS (UNAIDS), with expertise in HIV among pregnant and breastfeeding women, and children and adolescents.

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Co-Chair, US Government Technical Working Group for Prevention of Mother-to-Child Transmission of HIV & Pediatric HIV Care & Treatment, US President's Emergency Plan for AIDS Relief Inter-Agency Technical Working Group (2011-2014)

Selected to serve as only non-Medical Doctor co-chair for a PEPFAR Technical Working Group. Led development of all technical guidance and policy documents specific to maternal and pediatric populations served by PEPFAR. Supported PMTCT and pediatrics programs in 20+ countries across Sub-Saharan Africa, Asia, and the Americas, including by leading delegations of 4-10 US Government-employed subject matter experts to assess PEPFAR-supported country programs and recommend improvements. Represented the US Government in meetings with Ministers of Health, National HIV/AIDS Program Managers, and other foreign government leaders.

US Government Representative to Executive Committee for UN Inter-Agency Task Team on the Elimination of Mother-To-Child-Transmission of HIV (EMTCT) and Keeping Mothers Alive (2011-2014)

Represented US government on Executive Committee of the United Nations Inter-Agency Task Team (IATT) on EMTCT and maternal health. Provided leadership to support technical collaboration across 25 countries and 30 civil society groups, private sector partners, networks of people living with HIV and international organizations.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Member, Society for Epidemiologic Research
 Member, Council of State and Territorial Epidemiologists

SELECTED PEER-REVIEWED PUBLICATIONS

Saito S, Chung H, Mahy M, **Radin AK**, Jonnalagadda S, Hakim A, Awor AC, Mwila A, Gonese E, Wadonda-Kabondo N, Rwehumbiza P, Ao T, Kim EJ, Frederix K, Nuwagaba-Birbomboha H, Musuka G, Mugurungi O, Mushi J, Mnisi Z, Munthali G, Jahn A, Kirungi WL, Sivile S, Abrams EJ. Pediatric HIV treatment gaps in 7 East and Southern African countries: Examination of modeled, survey, and routine program data. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)*, 2018, Aug 15; 78(s2): S134-S141.

Radin AK, Abutu AA, Okwero MA, Adler MR, Anyaike C, Asimwe HT, Behumbiize P, Efuntoye TA, King RL, Kisaakye LN, Ogundehin DT, Phelps BR, Watts H, and Weissglas F. Confronting challenges in monitoring and evaluation: Innovation in the context of the Global Plan towards the elimination of new HIV infections among children by 2015 and keeping their mothers alive. *Journal of Acquired Immune Deficiency Syndrome (JAIDS)*. 2017, May 1; 75(s1): s66-s75.

Chimbwandira F, Mhango E, Makombe S, Midiani D, Mwansambo D, Njala J, Chirwa Z, Jahn A, Schouten S, Phelps BR, **Gieselman A**, Holmes CB, et al. Impact of an innovative approach to prevent mother-to-child transmission of HIV--Malawi, July 2011-September 2012. *CDC MMWR Morbidity & Mortality Weekly Report*. 2013 Mar 1;62(8):148-51.

Chi BH, Adler MR, Bolu O, Mbori-Ngacha D, Ekouevi DK, **Gieselman A**, Chipato T, Luo C, Phelps BR, McClure C, Mofenson LM, Stringer JS. Progress, challenges, and new opportunities for the prevention of mother-to-child transmission of HIV under the US President's Emergency Plan for AIDS Relief. *Journal of Acquired Immune Deficiency Syndrome*. 2012 Aug 15: 60 Suppl 3:S78-87

OTHER SELECTED PUBLICATIONS

Adler MR, **Gieselman A**. Moving to B/B+: Readiness Assessment Checklist and Discussion Guide for National Programs. In Inter-Agency Task Team on the Prevention and Treatment of HIV in Pregnant Women, Mothers, and Children ed. *Option B+ Toolkit: Expanding and Simplifying Treatment for Pregnant Women Living with HIV*. 2012. Available at: <http://www.emtct-iatt.org/toolkit/>. Accessibility verified September 6, 2016.

PUBLIC SPEAKING AND PRESENTATIONS

Clark K, **Radin AK**, Zaidi I. Trends in one-year retention among clients on antiretroviral therapy in PEPFAR-supported sites from 2015-2017. Poster presented at: AIDS 2018: 22nd International AIDS Conference, Amsterdam, the Netherlands, 2018.

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Watts DH, **Radin AK**, O'Connor K, Kelling K. Changes in proportion of new diagnoses of HIV infection in pregnant women living with HIV and of entering pregnancy already on antiretroviral therapy in PEPFAR programs. Poster presented at: AIDS 2018: 22nd International AIDS Conference, Amsterdam, the Netherlands, 2018.

Radin AK, Stover J. Reviewing PMTCT Coverage: Analysis of Spectrum model inputs that affect national and sub-national PMTCT coverage estimates. Oral presentation at: Annual Meeting of the UNAIDS Reference Group on Modeling, Estimates, and Projections: Method Development for the UNAIDS Estimates; New York, NY, 2016.

Radin AK, Stover J. Analysis of Spectrum model for PMTCT coverage estimates and Implications for Children. Oral presentation at: UNAIDS, UNICEF, and WHO Meeting on Estimating the future of paediatric HIV and the need for ART; New York, NY, 2016.

Radin AK, Phelps, BR. Assessing and addressing real-world challenges in managing pediatric HIV programs. Guest lecture for graduate course on Pediatric HIV/AIDS at: The George Washington University School of Public Health; Washington, DC, 2013

Jacobson L, **Gieselman A**, Gaines J, Blanton C, McCormick E, Barbour K, Hyppolite C, Roodly Archer W, Roels T, Tappero J, Handzel T. Knowledge, Attitudes, and Practices Related to Cholera Prevention and Treatment — Artibonite Department, Haiti, 2010. Poster presented at: Epidemic Intelligence Service Conference; Atlanta, GA, 2011.

Gaines J, **Gieselman A**, Jacobson L, Demas S, Person B, Roels T, Tappero J, Quick R, Handzel T. Life Inside an Outbreak: A Qualitative Assessment of Cholera Response Efforts, Artibonite Department, Haiti, 2010. Poster presented at: Epidemic Intelligence Service Conference; Atlanta, GA, 2011.

RESEARCH SUPPORT

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St. Luke's Health System, Applied Research Division; Boise, ID	Co-PI on study (in development) investigating the prevalence of suicidality in the absence of depressive symptoms . Goals: quantify the number of suicidal individuals identified who do not screen positive for depression; describe characteristics associated with screening positive for depression but negative for suicide. Importance: current screening recommendations require positive depression screen before screening for suicide in primary care.	07/2018 – present
Johns Hopkins University Bloomberg School of Public Health; Baltimore, MD	Successfully defended DrPH dissertation on (1) use of routine health facility-level PMTCT program data to improve small area estimates of local HIV prevalence (Findings were put to use immediately and resulted in substantial realignment of annual ~\$500M budget and refocusing of PEPFAR program in Nigeria to better target populations at highest risk for HIV infection), and (2) assessing health facility-level factors that contribute to maternal and infant outcomes in PMTCT programs in Malawi (manuscript drafted).	07/2017

OTHER

While working with CDC/PEPFAR, I worked closely with colleagues at NIH to develop prioritized research agendas, and designed RFAs for large (multi-award) research projects related to HIV in mothers and children. I also participated on multiple NIH Scientific Merit Review Committees.