

BIOGRAPHICAL SKETCH

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NAME: Dube, Karine Marie

eRA COMMONS USER NAME (credential, e.g., agency login): KARINE_DUBE

POSITION TITLE: Assistant Professor

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	END DATE MM/YYYY	FIELD OF STUDY
University of North Carolina, Chapel Hill, NC	BA	05/2003	MPhil
Oxford University, Oxford	OTH	07/2005	
University of North Carolina, UNC Gillings School of Global Public Health, Chapel Hill, NC	DRPH	05/2016	

A. Personal Statement

I am a social scientist and experienced research program manager who integrates biomedical, social sciences and ethics around HIV cure research. I have close to 15 years of experience in infectious disease-related work, including the social sciences of HIV cure research, HIV prevention, HIV treatment, Ebola, malaria and HSV-2. I served as co-investigator on the Social and Ethical Aspects of Curing HIV Infection (searchHIV) working group at UNC Chapel Hill since 2014. I also served as the Research Program Manager for the Collaboratory of AIDS Researchers for Eradication (CARE) at UNC-Chapel Hill from 2013 – 2015. I have lead willingness to participate research in HIV cure in the United States. I am the co-founder and co-leader of the CUREiculum (<http://www.avac.org/cureiculum>), a collaborative program aimed at making HIV cure science accessible to the community and the HIV research field. In 2016, I also managed the UNC-CH - ClinicalRM - ELWA Ebola consortium. I have led a pox-protein prime-boost HIV-1C vaccine cohort development program, two HIV-1C prospective incidence studies and a clinical research site capacity development effort in Maputo, Beira and Chókwè, Mozambique with the United States Military HIV Research Program (MHRP)/Walter Reed Army Institute of Research/Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc. (HJF) and FHI 360.

- Dubé K**, Evans D, Dee L, Sylla L, Taylor J, Skinner A, Weiner BJ, Greene SB, Rennie S, Tucker JD. "We Need to Deploy Them Very Thoughtfully and Carefully": Perceptions of Analytical Treatment Interruptions in HIV Cure Research in the United States-A Qualitative Inquiry. *AIDS Res Hum Retroviruses*. 2018 Jan;34(1):67-79. PubMed PMID: [28562069](#); PubMed Central PMCID: [PMC5771546](#).
- Dubé K**, Sylla L, Dee L, Taylor J, Evans D, Bruton CD, Gilberston A, Gralinski L, Brown B, Skinner A, Weiner BJ, Greene SB, Corneli A, Adimora AA, Tucker JD, Rennie S. Research on HIV cure: Mapping the ethics landscape. *PLoS Med*. 2017 Dec;14(12):e1002470. PubMed PMID: [29220353](#); PubMed Central PMCID: [PMC5722280](#).
- Dubé K**, Taylor J, Sylla L, Evans D, Dee L, Burton A, Willenberg L, Rennie S, Skinner A, Tucker JD, Weiner BJ, Greene SB. 'Well, It's the Risk of the Unknown... Right?': A Qualitative Study of Perceived Risks and Benefits of HIV Cure Research in the United States. *PLoS One*. 2017;12(1):e0170112. PubMed PMID: [28122027](#); PubMed Central PMCID: [PMC5266311](#).
- Dubé K**, Evans D, Sylla L, Taylor J, Weiner BJ, Skinner A, Thirumurthy H, Tucker JD, Rennie S, Greene SB. Willingness to participate and take risks in HIV cure research: survey results from 400 people living with HIV in the US. *J Virus Erad*. 2017 Jan 1;3(1):40-50.e21. PubMed PMID: [28275457](#); PubMed Central PMCID: [PMC5337420](#).

B. Positions and Honors

Positions and Employment

2005 - 2007	Senior Research Assistant, FHI 360, Durham, NC
2007 - 2008	Research and Program Analyst, amfAR, The Foundation for AIDS Research, Washington, DC
2008 - 2012	Senior Research Associate, FHI 360, Durham, NC
2012 - 2013	Clinical Project Manager, United States Military HIV Research Program (MHRP), Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc. (HJF), Walter Reed Army Institute of Research (WRAIR), Bethesda, MD
2013 - 2015	Research Program Manager (Administrative Core Director), Collaboratory of AIDS Researchers for Eradication (CARE), Institute for Global Health and Infectious Diseases (IGHID), University of North Carolina at Chapel Hill, Chapel Hill, NC
2014 -	Co-Chair/Co-Founder, The CUREiculum
2016 -	Clinical Project Manager, UNC-CH - ClinicalRM - ELWA Ebola Research Consortium, Chapel Hill, NC
2016 - 2017	Adjunct Assistant Professor, UNC-CH Gillings School of Global Public Health, Chapel Hill, NC
2017 -	Research Assistant Professor, UNC-CH Gillings School of Global Public Health, Chapel Hill, NC

Other Experience and Professional Memberships

Honors

1999	Morehead Scholarship, University of North Carolina at Chapel Hill
2003	Rhodes Scholarship, Oxford University
2015	Arthur B. Holzworth Endowed Scholarship in Health Leadership, UNC Gillings School of Global Public Health

C. Contribution to Science

1. HIV Cure Social Scientist: I have led one of the first studies examining willingness to participate in HIV cure research in the United States focused on perceptions of risks and benefits. I also established extensive relationships with HIV cure biomedical scientists and community groups in the United States and led the CUREiculum effort aimed at making HIV cure science accessible to communities and the HIV research field. I served as Research Program Manager for the Collaboratory of AIDS Researchers for Eradication (CARE) in 2013 – 2015, and provided the strategic and administrative direction of CARE, a large U.S. NIH-funded Collaboratory comprised of 20+ scientific projects from 10+ Universities in the United States and Europe, together with industry partner, Merck Inc. Main tasks pertain to overall grant management, fiscal management and oversight of cooperative agreement, management of internal and external communications, coordination of scientific groups, production of operational reports, knowledge and publications management and interface with Community Advisory Board and Scientific Advisory Board.
 - a. **Dubé K**, Evans D, Dee L, Sylla L, Taylor J, Skinner A, Weiner BJ, Greene SB, Rennie S, Tucker JD. "We Need to Deploy Them Very Thoughtfully and Carefully": Perceptions of Analytical Treatment Interruptions in HIV Cure Research in the United States-A Qualitative Inquiry. *AIDS Res Hum Retroviruses*. 2018 Jan;34(1):67-79. PubMed PMID: [28562069](#); PubMed Central PMCID: [PMC5771546](#).
 - b. **Dubé K**, Sylla L, Dee L, Taylor J, Evans D, Bruton CD, Gilberston A, Gralinski L, Brown B, Skinner A, Weiner BJ, Greene SB, Corneli A, Adimora AA, Tucker JD, Rennie S. Research on HIV cure: Mapping the ethics landscape. *PLoS Med*. 2017 Dec;14(12):e1002470. PubMed PMID: [29220353](#); PubMed Central PMCID: [PMC5722280](#).
 - c. **Dubé K**, Taylor J, Sylla L, Evans D, Dee L, Burton A, Willenberg L, Rennie S, Skinner A, Tucker JD, Weiner BJ, Greene SB. 'Well, It's the Risk of the Unknown... Right?': A Qualitative Study of Perceived Risks and Benefits of HIV Cure Research in the United States. *PLoS One*. 2017;12(1):e0170112. PubMed PMID: [28122027](#); PubMed Central PMCID: [PMC5266311](#).

- d. **Dubé K**, Evans D, Sylla L, Taylor J, Weiner BJ, Skinner A, Thirumurthy H, Tucker JD, Rennie S, Greene SB. Willingness to participate and take risks in HIV cure research: survey results from 400 people living with HIV in the US. *J Virus Erad.* 2017 Jan 1;3(1):40-50.e21. PubMed PMID: [28275457](#); PubMed Central PMCID: [PMC5337420](#).
2. Co-Investigator/Clinical Program Manager, Pox-Protein Prime-Boost HIV-1C Cohort Development Program in Mozambique; Site Identification and Development Initiative (SIDI), Mozambique: Responsibilities included site development and capacity building, program management and elaboration of implementation plans, development of critical study documents such as protocols, study manuals, informed consent forms and case report forms, writing of manuscripts and scientific journal articles and reports, development of site and study-specific training curriculums and management of communications with internal and external partners. Funded by U.S. Department of Defense (DoD), U.S. NIH Division of AIDS and USAID.
 - a. **Dubé K**, Zango A, van de Wijgert J, Meque I, Ferro JJ, Cumbe F, Chen PL, Ma S, Jolles E, Fumo A, Robb ML, Feldblum PJ. HIV incidence in a cohort of women at higher risk in Beira, Mozambique: prospective study 2009-2012. *PLoS One.* 2014;9(1):e84979. PubMed PMID: [24475035](#); PubMed Central PMCID: [PMC3903474](#).
 - b. Meque I, **Dubé K**, Feldblum PJ, Clements AC, Zango A, Cumbe F, Chen PL, Ferro JJ, van de Wijgert JH. Prevalence, incidence and determinants of herpes simplex virus type 2 infection among HIV-seronegative women at high-risk of HIV infection: a prospective study in Beira, Mozambique. *PLoS One.* 2014;9(2):e89705. PubMed PMID: [24586973](#); PubMed Central PMCID: [PMC3933639](#).
 - c. Feldblum PJ, Enosse S, **Dubé K**, Arnaldo P, Muluana C, Banze R, Nhanala A, Cunaca J, Chen PL, Robb ML, Thompson R. HIV prevalence and incidence in a cohort of women at higher risk for HIV acquisition in Chókwè, southern Mozambique. *PLoS One.* 2014;9(5):e97547. PubMed PMID: [24842811](#); PubMed Central PMCID: [PMC4026130](#).
 - d. Meque I, **Dubé K**, Bierhuizen L, Zango A, Veldhuijzen N, Cumbe F, Feldblum PJ, van de Wijgert J. Willingness to participate in future HIV prevention trials in Beira, Mozambique. *Afr J AIDS Res.* 2014;13(4):393-8. PubMed PMID: [25555105](#).
 3. FHI 360 Study Manager, Studies of Combined Oral Contraceptives: Responsibilities included development of study documents, study management and implementation and supervision of clinical monitors. Funded by USAID.
 - a. Nanda K, Delany-Moretlwe S, **Dubé K**, Lendvay A, Kwok C, Molife L, Nakubulwa S, Edward VA, Mpairwe B, Mirembe FM. Nevirapine-based antiretroviral therapy does not reduce oral contraceptive effectiveness. *AIDS.* 2013 Oct;27 Suppl 1:S17-25. PubMed PMID: [24088680](#).
 - b. Nanda K, Lendvay A, Kwok C, Tolley E, **Dubé K**, Brache V. Continuous compared with cyclic use of oral contraceptive pills in the Dominican Republic: a randomized controlled trial. *Obstet Gynecol.* 2014 May;123(5):1012-22. PubMed PMID: [24785854](#).
 4. Research Support; Consortium Manager, UNC-CH – ClinicalRM – ELWA Ebola Research Consortium in Liberia. Responsibilities included management of implementing Ebola survivor cohort. Funded by Bill and Melinda Gates Foundation and National Institutes of Health (NIH).
 - a. Overholt L, Wohl DA, Fischer W, Weistreich D, Tozay S, Reeves E, Pewu K, Adjasoo D, Hoover C, Merenbloom C, Johnston J, Williams J, Conneh T, Diggs J, Buller A, McMillian D, Hawks D, **Dubé K**, Brown J. Stigma and Ebola Survivorship in Liberia. *PLoS One* 2018, 13(11): e0206595. PubMed PMID: [30485311](#).
 - b. Fischer WA, Brown J, Wohl DA, Loftis AJ, Tozay S, Reeves E, Pewu K, Gorvego G, Quellie S, Cunningham CK, Merenbloom C, Napravnik S, **Dubé K**, Adjasoo D, Jones E, Bonarwolo K, Hoover D. Ebola Virus Ribonucleic Acid Detection in Semen More Than Two Years After Resolution of Acute Ebola Virus Infection. *Open Forum Infect Dis.* 2017 Summer;4(3):ofx155. PubMed PMID: [29670927](#); PubMed Central PMCID: [PMC5897835](#).
 - c. Loftis AJ, Quellie S, Chason K, Sumo E, Toukolon M, Otieno Y, Ellerbrok H, Hobbs MM, Hoover D, **Dubé K**, Wohl DA, Fischer WA 2nd. Validation of the Cepheid GeneXpert for Detecting Ebola Virus in Semen. *J Infect Dis.* 2017 Feb 1;215(3):344-350. PubMed PMID: [27932614](#); PubMed Central PMCID: [PMC5965086](#).

D. Additional Information: Research Support and/or Scholastic Performance

Ongoing Research Support

R01 AI123535, National Institutes of Health (NIH)

Wohl, David A. and Fischer William A. II (PIs)

07/01/2017 – Present (15% effort)

Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease in Liberia

Role: Research Support

P01 AI131385, National Institutes of Health (NIH)

Smith, Davey M. (PI)

08/01/2017 – Present (5% effort)

Revealing Reservoirs during Rebound (R3)

Role: Socio-Behavioral Scientist/Bioethicist

Completed Research Support

Gilead Sciences

Evans, David (Project Director)

03/01/2017 – 12/31/2017 (USD \$15,000 direct)

Assuring Successful Community Participation in HIV Cure Research

Role: Co-Investigator/Academic Advisor/Consultant

R01A108366, National Institutes of Health (NIH)

Tucker, Joseph D (PI)

02/02/2017 – 09/14/2017 (\$USD 13,000 direct)

Social and Ethical Implications of HIV Cure Research (searchHIV)

Role: Co-Investigator/Consultant

U19 AI096109, National Institutes of Health (NIH)

Deeks, Steven (PI)

01/01/2016 – 06/30/2016 (\$USD 5,000 direct)

Martin Delaney Collaboratory National Community Advisory Board/University of California San Francisco (UCSF)

Role: Principal Investigator; Focus Group Implementation for Social Sciences on HIV Cure Research at 4 HIV Cure Clinical Research Sites (Seattle, CA; Los Angeles, CA; San Diego, CA; Chapel Hill/Durham, NC)

U19 AI096109, National Institutes of Health (NIH)

Deeks, Steven (PI)

01/01/2016 – 06/30/2016 (\$USD 14,479 direct)

Martin Delaney Collaboratory National Community Advisory Board/University of California San Francisco (UCSF)

Role: Co-Lead, CUREiculum (<http://www.avac.org/cureiculum>)

U19 AI096113, National Institutes of Health (NIH)

Margolis, David M. (PI)

11/18/13-06/30/16

Role: Research Program Manager, Administrative Core Director (Key Personnel)