

**BIOGRAPHICAL SKETCH**

NAME: Brown, Brandon John

eRA COMMONS USER NAME (credential, e.g., agency login): bbrown53

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)	Completion Date MM/YYYY	FIELD OF STUDY
University of California, Irvine	BS	2004	Applied Mathematics
University of California, Los Angeles	MPH	2006	Epidemiology
Johns Hopkins School of Public Health	PhD	2010	International Health
University of California, Los Angeles	Postdoc	2011	Global Health

**A. Personal Statement**

I am an Epidemiologist and Ethicist at the UC Riverside (UCR) School of Medicine and my research focuses on HIV and bioethics. This proposal builds on my 12 years of experience encountering ethical dilemmas in and leading HIV related projects with marginalized populations as well as my research methodology training at Johns Hopkins Bloomberg School of Public Health and my fellowship training in HIV research ethics at Fordham University. I have a history of working on innovative projects including HPV vaccine introduction for high risk groups, examining the role of genital warts on HIV incidence, use of prophylactic HPV vaccine as a therapy for anal cancer, and retrospective ethical examination of study participation. Of my 80 publications, 30 are in HIV and 14 in research ethics. The proposed project aligns with my HIV work and the community-based participatory research (CBPR) approach with the input, contributions and guidance from community members on incentives and research practices. My experience on the clinical IRB and as Chair of the ethics committee at UCR further illustrates my expertise. My background in clinical research and mathematics, training in HIV research ethics, previous work on incentives, scholarship at the Hastings Center, and connection to HIV networks are strengths in this innovative project

1. Brown B, Merritt MW. A global public incentive database for human subjects research. IRB. 2013 Mar-Apr;35(2):14-7.
2. Brown B, Davtyan M, Fisher CB. Peruvian Female Sex Workers' Ethical Perspectives on Their Participation in an HPV Vaccine Clinical Trial. Ethics and Behavior. 2015;25(2), 115–128
3. Brown B, Galea JT, Davidson P, Khoshnood K. Transparency of participant incentives in HIV research. Lancet HIV 2016 Oct;3(10):e456-7.
4. Brown B, Poteat T, Marg L, Galea JT. Human papillomavirus-related cancer surveillance, prevention, and screening among transgender men and women: neglected populations at high risk. LGBT Health (in press).

**B. Positions and Honors**Positions (past 5 years)

06/05-08/05	Program Director, CAMP Summer Science Academy, Irvine, CA
08/05-06/06	Staff Research Associate, UCLA, Los Angeles, CA
03/06-05/06	HIV Data Collector, Health Research Association, Los Angeles, CA
06/07-08/07	Research Contractor on HIV Projects, UCLA School of Medicine, Los Angeles, CA
01/11-09/11	Postdoctoral Fellow, UCLA, Los Angeles, CA

04/11-07/11 Visiting Scholar, UCSD, San Diego, CA  
 09/11-06/15 Director of Global Health Projects, UCI Program in Public Health, Irvine, CA  
 07/15-Present Assistant Professor, UCR School of Medicine, Riverside, CA

#### Other Experience and Professional Memberships

2006-Present Member, American Public Health Association  
 2008-Present Member, Global Health Council  
 2010-2013 Member, Infectious Disease Society of America  
 2010-2013 Member, International Society of Vaccines  
 2011-Present Member, International Papillomavirus Society  
 2012-Present Reviewer, ASPPH/CDC Public Health Fellowship Program.  
 2013-Present Reviewer, NIH Early Career Reviewer (ECR) program at the Center for Scientific Review  
 2016-Present Member, American Association for the Advancement of Science

#### Honors (past 5 years)

2009-2011 **NIH** NRSA Dissertation Fellowship, JHSPH  
 2010 Mary and Carl Taylor Scholarship in International Health, JHSPH  
 2011 AIDS Institute International Travel Grant, UCLA  
 2011 **NIH** International Papilloma Virus Travel Award, UCLA  
 2011 New Investigator in Global Health Fellow, UCLA  
 2012 UCI Council on Research, Computing and Libraries Grant, UCI  
 2013 National Society of Collegiate Scholars Distinguished Member, UCI  
 2013 UCI Council on Research Computing and Libraries Grant, UCI  
 2013 UROP Faculty Mentor of the Month, UCI  
 2014 Diversity Development Program Member, UCI  
 2016 Hastings Center for Bioethics Visiting Scholar, Hastings

#### **C. Contributions to Science**

1. My early publications focused on HPV prevention and clinical trials with female sex workers in Lima, Peru. I conducted the first HPV vaccine clinical trial focused on a highly exposed population, and am continuing to promote the HPV vaccine in groups classically described as being at high risk and therefore are neither included in HPV interventions nor any interventions targeting the sexually naïve population. These groups include sex workers, MSM, and persons over the age limit for the vaccine. My current work includes working with the local Peruvian government to facilitate HPV vaccine initiation at the time women enter into legalized sex work.
  - a. Brown B, Carcamo C, Blas M, Valderrama M, and Halsey N. Peruvian FSWs: understanding HPV and barriers to vaccination. *Vaccine* 2010; 28: 7743-7747
  - b. Brown B, Blas M, Cabral A, Carcamo C, Gravitt P, Halsey N. Randomized trial of HPV4 vaccine assessing the response to HPV4 vaccine in two schedules among Peruvian female sex workers. *Vaccine*. 2012 Mar 16;30(13):2309-14
  - c. Brown B, Blas MM, Heidari O, Carcamo C, Halsey NA. Reported changes in sexual behaviour and human papillomavirus knowledge in Peruvian female sex workers following participation in a human papillomavirus vaccine trial. *Int J STD AIDS*. 2013 Jul;24(7):531-5
  - d. Brown B, Davtyan M, Fisher CB. Peruvian Female Sex Workers' Ethical Perspectives on Their Participation in an HPV Vaccine Clinical Trial. *Ethics and Behavior*. 2015;25(2), 115–128
  
2. I have also worked on several HIV research ethics focused publications. This body of work has provided me case-based experience in empirical research ethics. This research ranges from developing standards for research, debating ethics in HIV research, why transparency of payment is important, and the ethics of HIV cure research.
  - a. Haire BG, Folyan MO, Brown B. Standards and guidelines for HIV prevention research: considerations for local context in the interpretation of global ethical standards. *Afr J Reprod Health*. 2014 Sep;18(3 Spec No):55-65.

- b. Folyan MO, Peterson K, Haire B, Brown B, Audu K, Makanjuola O, Pelemo B, Marsh V. Debating Ethics in HIV Research: Gaps between Policy and Practice in Nigeria. *Dev World Bioeth.* 2015 Dec;15(3):214-25.
  - c. Brown B, Galea JT, Davidson P, Khoshnood K. Transparency of participant incentives in HIV research. *Lancet HIV* 2016 Oct;3(10):e456-7.
  - d. Dube K, De L, Evans D, Sylla L, Taylor J, Brown B, Miller V, Corneli A, Skinner A, Greene SB, Tucker JD, Rennie S. Perceptions of Equipoise, Risk/Benefit Ratios, and 'Otherwise Healthy Volunteers' in the Context of Early-Phase HIV Cure Research in the United States – A Qualitative Inquiry. *JERHRE* (in press).
3. In addition to case-based ethical issues around HIV, I have worked on philosophical ethical issues related to the ethics of research in general and ethical research outside the scope of HIV. This research ranges from creating an incentive database, the role of ethics in public health, to oversight of global research, and informed consent.
- a. Brown B, Merritt MW. A global public incentive database for human subjects research. *IRB.* 2013 Mar-Apr;35(2):14-7
  - b. Brown B, Kinsler J, Folyan MO, Allen K, Cáceres CF. Post-approval monitoring and oversight of U.S.-initiated human subjects research in resource-constrained countries. *J Bioeth Inq.* 2014 Jun;11(2):119-23
  - c. Folyan M, Haire B, Harrison A, Fatusi O, Brown B. Beyond Informed Consent: Other Ethical Considerations in the Design and Implementation of Sexual and Reproductive Health Research Among Adolescents. *African Journal of Reproductive Health* September 2014 Sep;18(3 Spec No):118-26.
  - d. Folyan M, Haire B, Brown B. Critical role of ethics in clinical management and public health response to the West Africa Ebola epidemic. *Risk Management and Healthcare Policy* 2016; 9:55-65
4. I have been involved as a senior author in leading studies of HIV risk and stigma as a basis for HIV interventions with members of the marginalized communities, both domestically and internationally. Included is substantive work with community based organizations (CBOs).
- a. Petros G, Airhihenbuwa CO, Simbayi L, Ramlagan S, Brown B. HIV/AIDS and OTHERING in South Africa: The Blame Goes On. *Culture, Health and Sexuality* 2006; 8(1): 67-77.
  - b. Davtyan M, Brown B, Folyan MO. Addressing Ebola-related Stigma: Lessons Learned from HIV/AIDS. *Glob Health Action.* 2014 Dec;7(1):26058.
  - c. Davtyan M, Farmer S, Brown B, Sami M, Frederick T. Women of Color Reflect on HIV-Related Stigma through PhotoVoice. *J Assoc Nurses AIDS Care.* 2016 Jul-Aug;27(4):404-18.
  - d. Davtyan M, Olshansky EF, Brown B, Lakon C. A Grounded Theory Study of HIV-Related Stigma in U.S.-Based Health Care Settings. *J Assoc Nurses AIDS Care.* 2017 Jul 31. pii: S1055-3290(17)30188-7. doi: 10.1016/j.jana.2017.07.007. [Epub ahead of print]
5. Much of my recent work focuses on the relationship between HIV and HPV for HPV prevention among MSM. This includes two large prospective cohort studies. One includes an examination of the impact of genital warts on HIV incidence in a group at high risk for HIV in Peru. Another includes developing new technologies for detecting syphilis infection, and methods to halt the syphilis epidemic. These innovative studies will contribute to how we view both genital warts and syphilis when we are considering treatment and identification of HIV infection.
- a. Brown B, Galea JT, Byraiah G, Poteat T, Leon SR, Calvo G, Sanchez H, Coates T, Klausner JT. Anogenital HPV infection and HIV outcomes among Peruvian transgender women compared to men who have sex with men: results from a cohort study. *Transgender Health* May 2016, 1(1): 94-98.
  - b. Galea J, Monsour E, Nurena C, Blas M, Brown B. HPV vaccine knowledge and acceptability among Peruvian men who have sex with men and transgender women: a pilot qualitative study. *PLoS One* 2017; 12(2): e0172964.

- c. Bustamante MJ, Konda KA, Joseph Davey D, León SR, Calvo GM, Salvatierra J, Brown B, Caceres CF, Klausner JD. HIV self-testing in Peru: questionable availability, high acceptability but potential low linkage to care among men who have sex with men and transgender women. *International journal of STD & AIDS*. 2017; 28(2):133-137.
- d. Brown B, Poteat T, Marg L, Galea JT. Human papillomavirus-related cancer surveillance, prevention, and screening among transgender men and women: neglected populations at high risk. *LGBT Health* (in press).

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1JUSfvdLwNfQw/bibliography/47714753/public/?sort=date&direction=descending>

#### D. Research Support

<b>PCORI Engagement Award</b>	5/2017-4/2019
The Coachella Valley Community Research Initiative for Healthy Aging with HIV	
Role: PI	
<b>NIH R01AI1146717 Faculty Diversity Supplement via NIAID</b>	8/2016-7/2018
HIV Cure Studies: The impact of incentives on research participation	
Role: Trainee, PI Nir Eyal	

#### Completed Projects:

<b>HIV Prevention Trials Network Scholars Program</b>	6/2015-11/2016
HPTN 043-exploring HIV testing in the past 12 months for post-test study assessment	
Role: Trainee	
<b>NIH R01 PAR-11-145 International Research in Infectious Diseases</b>	7/2012-6/2017
Syphilis and HIV: Translating technology to understand a neglected epidemic	
Role: Co-I	
<b>UCLA CHIME/RCMAR Pilot Study</b>	10/2015-06/2016
Differences in age and ethnicity in HIV testing and perceptions of HIV risk in the Coachella Valley	
Role: Trainee, PI Carol Mangione	
<b>Merck IISP 39619</b>	10/2011-12/2015
The role of Genital Warts in HIV acquisition among MSM in Peru	
Role: PI	
<b>NIH Loan Repayment Program</b>	7/2012-10/2014
The role of Genital Warts in HIV acquisition among MSM in Peru	
Role: PI	
<b>NIH R25 DA031608 Fordham Research Ethics Training Institute</b>	7/2012-6/2014
Experiences and Impressions in a Clinical Trial of HPV Vaccine with FSWs	
Role: Trainee, PI Celia B. Fisher	
<b>USAID/Peru Development Assistance Fund Program</b>	10/2011-7/2012
Sexual health, community education, and STI outreach activities for MSM	
Role: Co-PI	
<b>Merck IISP 37983</b>	5/2010-4/2012
HPV prevalence in multiple anatomical sites among MSM in Peru	
Role: Co-PI	
<b>Merck IISP 35706</b>	5/2008-4/2012
Acceptability of HPV vaccine in brothel based FSWs in Peru	
Role: Co-PI	