BIOGRAPHICAL SKETCH

NAME: Brown, Brandon John

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

POSITION TITLE: Associate 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 15 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 110 publications, 40 are in HIV and 15 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. Additionally, I recently received a PCORI award for work on HIV and aging (where I lead a CAB), as well as a NIAID Diversity supplement to examine participant willingness to partake in HIV cure studies at various incentive levels.

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, Galea JT, Dube K, Davidson P, Khoshnood K, Holtzman L, Marg L, Taylor J. The need to track payment incentives to participate in HIV research. IRB: Ethics & Human Research. 2018: 40 (4).

**B. Positions and Honors**

Positions (past 10 years)

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

07/15-06/18 Assistant Professor, UCR School of Medicine, Riverside, CA

07/18-Present Associate 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

2016-Present Member, UC Riverside Institutional Review Board

2016-Present Board of Directors, TruEvolution (HIV and human rights organization)

2017-Present Member, HIV Medical Association

Honors (past 10 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

2018-Present Equity Advisor, UC Riverside School of Medicine

**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.
   1. Brown B, Carcamo C, Blas M, Valderrama M, and Halsey N. Peruvian FSWs: understanding HPV and barriers to vaccination. Vaccine 2010; 28: 7743-7747
   2. 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
   3. 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
   4. 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.
   1. Haire BG, Folayan 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.
   2. Folayan 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.
   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. 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. JEHRHE 2018 Feb;13(1):3-17.
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.
   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, Kinsler J, Folayan 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
   3. Folayan 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.
   4. Brown B, Galea JT, Dube K, Davidson P, Khoshnood K, Holtzman L, Marg L, Taylor J. The need to track payment incentives to participate in HIV research. IRB: Ethics & Human Research 2018: 40 (4).
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).
   1. 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.
   2. Davtyan M, Brown B, Folayan MO. Addressing Ebola-related Stigma: Lessons Learned from HIV/AIDS. Glob Health Action. 2014 Dec;7(1):26058.
   3. 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.
   4. 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 Nov - Dec;28(6):907-922
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.
   1. 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.
   2. 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.
   3. 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.
   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 2017 Oct;4(5):315-319.

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**

**PCORI Engagement Award** 5/2017-4/2019

The Coachella Valley Community Research Initiative for Healthy Aging with HIV

Role: PI

*Completed Projects*:

**NIH R01AI1146717 Faculty Diversity Supplement via NIAID** 8/2016-7/2018

HIV Cure Studies: The impact of incentives on research participation

Role: PI

**HIV Prevention Trials Network Scholars Program** 6/2015-11/2016

HPTN 043-exploring HIV testing in the past 12 months for post-test study assessment

Role: PI

**NIH R01 PAR-11-145 International Research in Infectious Diseases** 7/2012-6/2017

Syphilis and HIV: Translating technology to understand a neglected epidemic

Role: Co-I

**UCLA CHIME/RCMAR Pilot Study** 10/2015-06/2016

Differences in age and ethnicity in HIV testing and perceptions of HIV risk in the Coachella Valley

Role: PI

**Merck IISP 39619**  10/2011-12/2015

The role of Genital Warts in HIV acquisition among MSM in Peru

Role: PI

**NIH Loan Repayment Program** 7/2012-10/2014

The role of Genital Warts in HIV acquisition among MSM in Peru

Role: PI

**NIH R25 DA031608 Fordham Research Ethics Training Institute** 7/2012-6/2014

Experiences and Impressions in a Clinical Trial of HPV Vaccine with FSWs

Role: PI (Director-Celia B. Fisher)

**USAID/Peru Development Assistance Fund Program** 10/2011-7/2012

Sexual health, community education, and STI outreach activities for MSM

Role: Co-PI

**Merck IISP 37983** 5/2010-4/2012

HPV prevalence in multiple anatomical sites among MSM in Peru

Role: Co-PI

**Merck IISP 35706** 5/2008-4/2012

Acceptability of HPV vaccine in brothel based FSWs in Peru

Role: Co-PI