

DUKE UNIVERSITY MEDICAL CENTER

CURRICULUM VITAE

for
Permanent Record
and the
Appointments and Promotions Committee

Date Prepared: Dec 16, 2016

Name: Megan Justine Huchko, MD, MPH

Primary academic appointment: Associate Professor in Medicine

Primary academic department: Department of Obstetrics and Gynecology

Secondary appointment: Duke Global Health Institute

Present academic rank and title: Associate Professor of Medicine, Duke University

Date and rank of first Duke Faculty appointment: September 1, 2016, Associate Professor

Medical Licensure: North Carolina Medical License, 220164

Specialty certification and date: American Board of Obstetrics and Gynecology, November 11, 2009, Maintenance of Certification last updated June 5, 2016.

Citizen of: United States of America

Education:

	<u>Institution</u>	<u>Date</u>	<u>Degree</u>
High School	Penn High School	1993	Diploma
College	Duke University	1997	Bachelor of the Arts
Professional School	Albert Einstein College of Medicine	2002	Doctor of Medicine
	University of California, Berkeley	2007	Masters in Public Health
	University of California, SF	2011	Advanced Training in Clinical Research Certificate

Professional training and academic career:

<u>Institution</u>	<u>Position/Title</u>	<u>Dates</u>
Columbia Presbyterian Medical Center	Resident, Obstetrics and Gynecology	2002-06
University of California, San Francisco	Fellow, Reproductive Infectious Disease	2006-09
University of California, San Francisco	Traineeship in AIDS Prevention Studies	2006-09
University of California, San Francisco	Clinical Instructor	2009-10
University of California, San Francisco	Assistant Professor of Medicine	2010-15
University of California, San Francisco	Associate Professor of Medicine	2015-16
Duke University School of Medicine	Associate Professor	2016--

Publications:

Refereed journals:

1. Wang JG, **Huchko MJ**, Kavic S, Sauer M. *Rectus sheath hematoma after transvaginal follicle aspiration: a rare complication of in vitro fertilization*. Fertil Steril. 2005 Jul;84(1):217.
2. **Huchko MJ**, Montaden M, Bukusi EB, Cohen, CR. *The Association of HIV Counseling and Testing with HIV risk behaviors in a random population-based survey in Kisumu, Kenya*. AIDS and Behav, 20 May;15(4):718-24.
3. **Huchko MJ**, Maloba M, Bukusi EB. *Safety of Loop Electrosurgical Excision Procedure performed by clinical officers in an HIV-primary care setting*. Int J Ob Gyn 2010 Oct;111(1):89-90.
4. **Huchko MJ**, Bukusi EB, Cohen CR. *Building Capacity for Cervical Cancer Screening in Outpatient HIV Clinics in the Nyanza Province of Western Kenya*. Int J Ob Gyn, 2011 Aug;114(2):106-10.
5. Woo VG, Cohen CR, Bukusi EA, **Huchko MJ**. *Loop electrosurgical excision procedure safety and tolerability among HIV-positive Kenyan women*. Obstet Gynecol, 2011 Sep;118(3):554-9.
6. Patanwala IY, Bauer HM, Miyamoto J, Park, IU, **Huchko MJ**, Smith-McCune K. *A systematic review of randomized trials assessing human papillomavirus testing in cervical cancer screening*. Am J Obstet Gynecol, 2013 May;208(5):343-53.
7. Woo VW, Cohen CR, Bukusi EA, **Huchko MJ**. *Direct questioning is more effective than patient-initiated report for the detection of sexually transmitted infections in a primary care HIV clinic in western Kenya*. Sex Trans Dis 2013 Feb;40(2):158-61.
8. **Huchko MJ**, Woo VW, Liegler T, Leddy A, Sawaya GF, Smith-McCune K, Cohen CR, Bukusi EA, *Is there an association between HIV-1 genital shedding and cervical intraepithelial neoplasia 2/3*

among women on highly active antiretroviral therapy? J Low Genit Tract Dis. 2013 Jul;17(3):354-60.

9. Woo VW, Liegler T, Cohen CR, Sawaya GF, Smith-McCune K, Bukusi EA, **Huchko MJ**. *Association of cervical biopsy with HIV-1 genital shedding among women on antiretroviral therapy.* AIDS Res Hum Retroviruses. 2013 Apr 17
10. **Huchko MJ**, Woo VW, Liegler T, Leslie H, Sawaya GF, Smith-McCune K, Bukusi EA, Cohen CR. *Impact of loop electrosurgical excision procedure for cervical dysplasia on HIV-1 genital shedding: A prospective study.* BJOG. 2013 Sept;120(10):1233-9
11. Singrhao R, **Huchko MJ**, Yamey G. *Reproductive and maternal health in the post-2015 era: cervical cancer must be a priority.* PloS Med 2013, Aug;10(8):e1001499.
12. Mungo CI, Cohen CR, Maloba MO, Bukusi EA, **Huchko MJ**. *Prevalence, characteristics and outcomes of HIV-positive women diagnosed with invasive cancer of the cervix in western Kenya.* Int J Gyn Obst 2013 Dec;123(3):231-5
13. **Huchko MJ**, Leslie HM, Sneden J, Abdulrahim N, Maloba M, Bukusi EA, Cohen CR. *Risk factors for cervical precancer detection among previously unscreened HIV-infected women in Western Kenya.* Int J Cancer. 2013 Feb 1;134(3):740-5.
14. **Huchko MJ**, Leslie HH, Smith-McCune K. *Authors Reply: Impact of loop electrosurgical excision procedure for cervical dysplasia on HIV-1 genital shedding: A prospective study.* BJOG. 2014 Feb;121(3):372.
15. **Huchko MJ**, Sneden J, Leslie HH, Abdulrahim N, Maloba MO, Bukusi EA, Cohen CR. *A comparison of two visual inspection methods for cervical cancer screening among HIV-infected women in Kenya.* Bull World Health, 2014 Mar 1;92(3):195-203.
16. Oyaro PO, Penner J, Oyanga A, **Huchko MJ**, Onchiri F, Cohen CR, Bukusi EA. *WHO Stage 4 conditions among adults accessing outpatient HIV care: a retrospective cohort study in Kisumu, Kenya.* JAIDS, 2014 April 1;65(4)e152-5.
17. **Huchko MJ**, Leslie HH, Maloba MO, Bukusi EA, Cohen CR. *Factors associated with recurrence of Cervical Intraepithelial Neoplasia 2+ after treatment among HIV-infected women in western Kenya.* JAIDS. 2014 June;66(2):188-92.
18. **Huchko MJ**, Sneden J, Smith-McCune K, Sawaya G, Maloba M, Abdulrahim N, Bukusi E, Cohen CR. *Accuracy of Visual Inspection with Acetic Acid to detect Cervical Cancer Precursors Among HIV-infected Women in Kenya.* Int J Cancer. 2015 Jan 15;136(2):392-8.
19. Upadhyay UD, Gipson JD, Withers W, Fraser A, Lewis S, **Huchko MJ**, Prata N. *Women's empowerment and reproductive health: a review of the literature.* Soc Sci Med. 2014 Jun 11;115C:111-120.
20. Leslie, H, Karasek D, Harris L, Chang E, Abdulrahim N, Maloba M, **Huchko MJ**. *Cervical cancer precursors and hormonal contraceptive use in HIV-positive women: application of a causal model and semi-parametric estimation methods.* PLoS One. 2014 Jun 30;9(6):e101090.

21. Rosser JI, Njoroge B, **Huchko MJ**. *Knowledge about cervical cancer screening and perception of risk among women attending outpatient clinics in rural Kenya*. *Int J Gynaecol Obstet*. 2015 Mar;128(3):211-5.
22. Rosser JI, Njoroge B, **Huchko MJ**. *Cervical cancer screening knowledge and perception of risk among women attending an urban HIV-clinic in western Kenya*. *Journal of Cancer Education*. 2015 Jan 17 [Epub ahead of print].
23. Rosser JI, Zakaras J, Hamisi S, **Huchko MJ**. *Men's knowledge and attitudes about cervical cancer screening in Kenya*. *BMC Women's Health*. 2014;14(1):138.
24. **Huchko MJ**, Leslie HH, Maloba MO, Bukusi EA, Cohen CR. *Outcomes up to Twelve Months after Treatment with Loop Electrosurgical Excision Procedure for Cervical Intraepithelial Neoplasia Among HIV-Infected Women*. *JAIDS*. 2015 Jun 1;69(2):200-5.
25. **Huchko MJ**, Sneden J, Zakaras J, Smith-McCune K, Sawaya G, Maloba M, Abdulrahim N, Bukusi E, Cohen CR. *A randomized trial comparing the diagnostic accuracy of visual inspection with acetic acid to visual inspection with Lugol's iodine for cervical cancer screening in HIV-infected women*. *PlosOne*. 2015 April 7;10(4)e0118568
26. Rosser JI, Njoroge B, Hamisi S, **Huchko MJ**. *Barriers to Cervical Cancer Screening in Rural Kenya: Perspectives from a Provider Survey*. *J Community Health*, 2015 Aug;40(4):756-61.
27. Rosser JI, Njoroge B, **Huchko MJ**. *Changing knowledge, attitudes and behaviors regarding cervical cancer screening: the effects of an educational intervention in rural Kenya*. *Patient Education and Counseling*. 2015 July;98(7):884-9.
28. Rosser JI, Njoroge B, **Huchko MJ**. *Cervical cancer stigma in rural Kenya: What does HIV have to do with it?* *J Cancer Educ*. 2016 June 31(2):250-4.
29. Jackson R, Gardner S, Torres, LN, **Huchko, MJ**, Zlatnik MG, Williams JC. *My Obstetrician got me fired: how work notes can harm patients and what to do about it*. *Obstet Gynecol*, 2015 Aug;126(2):250-4.
30. Adamson PC, **Huchko MJ**, Moss AM, Kinkel HF, Medina-Marino A. *Acceptability and accuracy of cervical cancer screening using a self-collected tampon for HPV messenger-RNA testing among HIV-infected women in South Africa*. *PLoS One*. 2015 Sept 2;10(9):e0137299
31. **Huchko MJ**, Maloba M, Nakalembe M, Cohen CR. *The time has come to make cervical cancer prevention an essential part of comprehensive sexual and reproductive health services for HIV-positive women in low-income countries*. *J Int AIDS Soc*. 2015 Dec 1;18(Suppl 5):20282.
32. Wu T, Reusenbach M, von-Knebel Doeberitz M, Smith-McCune K, **Huchko MJ**. *Performance of p16INK4a ELISA as a primary cervical cancer screening test among a large cohort of HIV-infected women in western Kenya: a two-year cross-sectional study*. *BMJ Open*, 2016 Sep 13;6(9):e012547.
33. Prata N, Fraser A, **Huchko MJ**, Gipson JD, Withers M, Lewis S, Ciaraldi EJ, Upadhyay UD. *Women's Empowerment and Family Planning: A Review of the Literature*. *J Biosoc Sci*. 2017 Jan 10 [Epub ahead of print].

Book Chapters:

1. **Huchko MJ**, Korn A, Cohan D. Gynecologic Care of HIV-infected Women. *Glob. Libr. Women's Med.*, (ISSN: 1756-2228) 2008; DOI 10.3843/GLOWM.10031
2. **Huchko, MJ**. Cervical Cancer Prevention in Low and Middle-Income Countries: Moving from Evidence to Implementation. In *Global Perspectives on Sexual and Reproductive Health Across the Lifecourse*. Ed. Melissa Withers and Jennifer Toller Erausquin. Springer Pub, Exp Spring 2017
3. Sawaya, GS, Huchko MJ. Cervical Cancer Screening *Medical Clinics of North America on Disease Prevention*, Ed. Michael Pignone and Kirsten Bibbins-Domingo. Elsevier Pub, Exp Summer 2017.

Selected abstracts:

1. **Huchko MJ**, Healy, A, Sharma, G. *Antenatal Steroids: Predictors of Preterm Delivery*. American College of Obstetrics and Gynecology Annual Meeting, May 2007, Poster.
2. **Huchko MJ**, Montaden M, Bukusi EB, Cohen, CR. *Voluntary Counseling and Testing (VCT) uptake, knowledge of HIV status, and risk behaviors in the era of HAART: A random population-based survey in Kisumu, Kenya* International AIDS Society Annual Meeting, July 2007, Oral poster Presentation, manuscript published in Dec 2009.
3. Aziz N, **Huchko MJ**, Rahangdale L, Coleman J, MD, Shannon M, Cohen CR, Cohan D. Reproductive infectious disease consult service at a university medical center: a 3-year experience. Infectious Diseases Society for Obstetrics and Gynecology. August 2007, Annual Meeting, Oral Abstract Presentation.
4. **Huchko MJ**, Bukusi EA, Oyanga A, Cohen CR. *Detection and Treatment of Cervical Dysplasia among Women attending an HIV Care and Treatment Center in Western Kenya*. Infectious Disease Society of Obstetrics and Gynecology Annual Meeting, August 2008, Oral Abstract Presentation.
5. **Huchko MJ**, Bukusi EA, Cohen CR. *Implementation of Cervical Cancer Screening in a Comprehensive HIV Care Center in Western Kenya: Challenges, Successes and Opportunities*. Infectious Disease Society of Obstetrics and Gynecology Annual Meeting, August 2008, Poster.
6. Opondo E, **Huchko MJ**, Koech J, Bukusi EA, Cohen CR. *Correlation between colposcopy and biopsy results in a cervical cancer screening program in a HIV care and treatment center in Western Kenya*. Annual Scientific Review and Planning Meeting, University of Nairobi STD/AIDS Collaborative Centre, January 2008. Oral Abstract Presentation.
7. Odeny T, Penner J, Lewis-Kulzer J, Kioko J, **Huchko MJ**, Adero W, Mbullo P, Muttai H, Cohen CR, Bukusi EA *Integration of HIV care with primary health care services: impact on patient knowledge, satisfaction and stigma in rural Kenya*. 4th International Workshop on HIV Treatment, Pathogenesis and Prevention Research in Resource-poor Settings (INTEREST), Maputo, Mozambique, May 2010. Poster.
8. **Huchko MJ**, Maloba M, Bukusi EA, Cohen CR. *Recurrence of cervical dysplasia after surgical excision among HIV-infected women in Nyanza Province, Kenya*. Infectious Disease Society of Obstetrics and Gynecology Annual Meeting, August 2010, Oral Abstract Presentation.

9. **Huchko MJ**, Maloba M, Bukusi EA, Cohen CR. *Performance of two visual screening tests for cervical precancer in HIV-infected women in Kisumu*. University of Nairobi STI/AIDS Collaborative Group, Nairobi, Kenya, January 2011. Oral Presentation.
10. Woo V, Bukusi EA, Cohen CR, **Huchko MJ**. *Decreased CD4+ count is associated with an increased rate of recurrent cervical disease in HIV-positive Kenyan women after surgical treatment*. University of Nairobi STI/AIDS Collaborative Group, Nairobi, Kenya, January 2011. Oral Presentation.
11. Okumu, D. Dillabaugh L, **Huchko M**, Oyaro P, Cohen CR, Bukusi EA. *Non-Barrier family planning use among HIV-positive women enrolled in an HIV-clinic with Integrated HIV-FP Services in Kisumu, Kenya*. University of Nairobi STI/AIDS Collaborative Group, Nairobi, Kenya, January 2011. Oral Presentation.
12. **Huchko MJ**, Maloba M, Bukusi EA, Cohen CR. *Visual Inspection with Lugol's Iodine performs better than visual inspection with acetic acid among HIV-infected women in Kenya*. Conference on Retroviruses and Opportunistic Infections, Boston, February 2011. Poster Discussion.
13. **Huchko, MJ**, Rodriguez M. *Impact and cost-effectiveness of integrating cervical cancer prevention into HIV-care and treatment services in Western Kenya*. International AIDS Society Annual Meeting, July 2011, Rome, Italy. Poster.
14. Woo, V, Bukusi EA, Cohen CR, **Huchko MJ**. *Are there acceptable alternatives to syndromic management for the diagnosis of sexually transmitted infections in HIV-positive Kenyan women?* International AIDS Society Annual Meeting, July 2011, Rome, Italy. Poster.
15. Osongo, O, Woo, V, Bukusi EA, Cohen CR, **Huchko MJ**. *Predictors of false positive colposcopic impression among HIV-infected women undergoing cervical cancer screening in Kisumu, Kenya*. International AIDS Society Annual Meeting, July 2011, Rome, Italy. Poster.
16. Okumu D, Dillabaugh L, **Huchko MJ**, Kamau E, Onchiri F, Oyaro P, Cohen CR, Bukusi EB. *Non-barrier family planning (FP) use among HIV-positive women enrolled in Kisumu, Kenya HIV Clinic with integrated FP services*. International AIDS Society Annual Meeting, July 2011, Rome, Italy. Poster.
17. **Huchko MJ**, Lynch C, Sawaya G, McCune K. *HPV Types and Risk for Cervical Intraepithelial Neoplasia in Zimbabwe*. International Papillomavirus Meeting, October 2011, Berlin, Germany. Poster.
18. **Huchko MJ**, Woo V, Liegler T, McCune K, Sawaya G, Bukusi EA, Cohen CR. *Surgical Excision of Cervical Intraepithelial Neoplasia 2/3 is Not Associated with Increased Detection of Genital HIV-1 Among Women on HAART*. Annual Center for AIDS Research Director's Meeting, October 2011, Durham, North Carolina, Poster.
19. Woo VW, Liegler T, Cohen CR, Sawaya GF, Smith-McCune K, Bukusi EA, **Huchko MJ**. *Cervical Cancer Screening and Treatment Procedures are Not Associated with Increased HIV-1 Genital Shedding Among Women on HAART*. Presented at the University of Nairobi STI/AIDS Collaborative Group, Nairobi, Kenya, January 2011. Oral Presentation.
20. Woo V, Cohen CR, Bukusi EA, **Huchko MJ**. *High Risk Human Papilloma Virus Testing Compared to Visual Inspection with Acetic Acid to Screen for Cervical Intraepithelial Neoplasia 2/3 in HIV+*

Women in a Resource Limited Setting. Conference on Retroviruses and Opportunistic Infections, February 2012, Seattle, Washington, Poster.

21. Mungo C, Cohen CR, Bukusi EA, **Huchko MJ**. *p16^{INK4a} biomarker for cervical cancer screening in HIV-infected women in resource-limited settings*. Annual Meeting of the Infectious Disease Society of Obstetricians and Gynecologists, August 2012, Vancouver, Canada.
22. **Huchko MJ**, Mungo C, Maloba M, Osongo O, Bukusi EA, Cohen CR. *Integration of Cervical Cancer Screening and Prevention into HIV-care at the Family AIDS Care and Education Services (FACES) clinics in Kisumu, Kenya*. Integration for Impact Conference, September 2012, Nairobi, Kenya. Oral abstract.
23. **Huchko MJ**, Vernon J. *Impact and cost-effectiveness of integrating cervical cancer prevention into HIV-care and treatment services in Nyanza Province*. Integration for Impact Conference, September 2012, Nairobi, Kenya. Oral abstract.
24. Adamson P, Medina-Merino A, Kinkel F, **Huchko MJ**. *Performance of High-Risk Human Papillomavirus messenger RNA Testing in Self-Collected Tampons Among HIV-Infected Women in Pretoria, South Africa*. Conference of Universities for Global Health. April 2015. Oral Abstract.
*Finalist for Best Student Abstract Award.
25. Mungo CM, Smith-McCune K, **Huchko MJ**. *Reproducibility of p16INK4a biomarker levels, as measured by ELISA, among HIV-positive women in Western Kenya with normal cervical exams during a 12-month follow-up*. Poster, Meeting of the International Federation of Gynecologists and Obstetricians.
26. Nishimura H, Yatich N, **Huchko MJ**. *Facilitators and barriers to cervical cancer screening in rural western Kenya*. American Public Health Association Annual Meeting, November 2016. Oral Abstract.

Non-refereed publications:

Snedden J, **Huchko MJ**, Cohen CR, Yamey G. Integrating Cervical Cancer Screening Into HIV Services in Sub-Saharan Africa. Evidence to Policy Initiative (E2Pi) Policy Brief. September 2012. <http://globalhealthsciences.ucsf.edu/news-events/e2pi-publishes-brief-on-cervical-cancer-screening>

Non-authored publications:

El-Sadr W, Vorkoper S, Kupfer L, Patel P, Anand M, Rabkin M, Tierney WM, Ferris R, Glass RI. *Enhancing the HIV Chronic Care Platform to Address Non-communicable Diseases in Low- and Middle-Income Countries*. Acknowledged as part of the PEPFAR-NCD Project Collaborative Group.

Williams J, Devaux R, Fushetti D. *I Just Need Water: Pregnancy Accommodation after the ADA Amendments Act of 2008*. Yale Law Review. Individual Acknowledgement

Scholarly societies:

Alpha Omega Alpha, 2002 to present

Professional awards and special recognitions:

1997	Graduation with Distinction in History, Duke University
1997-98	William J. Fulbright Scholar
1999	Rosenbluth Fellowship for International Study
2002	Albert Einstein International Research Fellowship
2002	Alpha Omega Alpha Honor Society
2002	American Medical Women's Association, Scholar of Distinction
2005	Medical Student Teaching Award for Obstetrics and Gynecology Rotation, Columbia
2009	Travel Award for Fellows, UCSF
2009	Bay Area Clinical Research Symposium, Top Ten Poster
2011	American Association of Cancer Research—Landon Foundation Award for Innovation in Cancer Prevention
2011	Academic Senate Faculty Travel Award, UCSF
2011	Clinical and Translational Science Award Annual Meeting, Outstanding Abstract
2011, 12, 14	Outstanding Medical Student Teaching Award, UCSF
2014	CFAR Early Career Award of Excellence in Translational Research
2015	Best Mentored Pathways to Discovery Award for Student Research

Editorial Experience

Ad Hoc scientific review journals

Issues in Women's Health, JAIDS, AIDS, Plos Medicine, PlosOne, Journal of AIDS and Behavior, International Journal of Gynecology and Obstetrics, Journal of Obstetrics and Gynecology, Faculty of 1000.

Organizations and participation:

Professional Organizations: Memberships

1998-06	American Medical Association
1999-06	American Medical Women's Association
2002-present	American College of Obstetrics and Gynecology
2007-present	Diplomate, International AIDS Society
2009-present	HIV Medical Association
2009-present	Infectious Disease Society of America
2010-present	Member, Faculty of 1000
2010-2012	American Association of Cancer Research
2012-present	Fellow, American College of Obstetrician and Gynecologists
2012-2014	Infectious Disease Society of Obstetrician and Gynecologists
2015-present	Member, American Society for Colposcopy and Cervical Pathology

National

2015-present	Board Member, American Society for Colposcopy and Cervical Pathology
2014-present	Member, Technical Operating Group for Integration of Non-communicable Diseases and HIV; Fogarty International Center/NIH

University of California: Systemwide

2012-present	Pregnancy Accommodations Working Group, Center for Work-life Law, UC Hastings. Ob-Gyn Representative
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University of California San Francisco: Campus-wide

2014-2015 Member, UCSF Committee on Research
2014-present Reviewer, RAPtr Global Health Group
2014 Member, KL2 Grant Review and Scholar Selection Committee
2013-present Reviewer, Resource Allocation Program (RAP) Clinical HIV/AIDS Committee
2013-present Member, Graduate Medical Education, Faculty Interest Group
2013-2015 Chair, Strategic Planning Committee for the Family AIDS Care and Education Services/Research Care and Training Program (FACES/RCTP)/UCSF Collaboration
2015-present Member, Steering Committee for the UCSF Global Oncology Program

University of California, San Francisco: Departmental Service

2009-present UCSF-KEMRI East African Scholar's Retreat Organizing Committee
2011 Bixby Center for Global Reproductive Health, Committee on Internal Communications
2011-2013 Bixby Center for Global Reproductive Health, Kenya Research Mission and Vision Committee

Public Service

2009-present Advisor, Jacaranda Health and Maternity Services, Nairobi, Kenya
2015-present Member, Coalition for Cervical Cancer Prevention

External support for research and creative work

Past

T32 MH-19105-18 7/01/06-6/30/09
NIH/NIMH 100% Effort
Principal Investigator: Susan Kegeles, Center for AIDS Prevention Studies
Ruth Kirschstein National Research Service Award for the Traineeship in AIDS Prevention Studies
Role: Trainee in AIDS Prevention Studies

U62/PS924511-05 6/01/2007-present
CDC Cooperative Agreement \$1,200,000/yr 10% FTE
Principal Investigator: Craig R. Cohen
Family AIDS Care and Education Services (FACES) program to provide comprehensive HIV care and treatment to over 70,000 clients in western Kenya.
Role: Coordinator, Women's Health Research Activities. Salary support varied annually depending on remainder of funding portfolio.

Private Grant, Anonymous Foundation 2/1/2007-2012
Principal Investigator: Huchko \$20,000/yr
"A Prospective Cohort Study to Determine the Effect of HAART on the Recurrence of Surgically Treated Cervical Intraepithelial Neoplasia"
This gift fund supported a prospective cohort study to determine the effect of HAART on women who had undergone LEEP at 6, 12 and 24 months.
NIH-National Cancer Institute 7/1/2007-6/30/2013 (6 yrs)
Loan Repayment for Clinical Research \$22,500-35,000/yr
"Cervical Cancer Screening in HIV-infected women"

I received loan repayment through this NH program for clinical researchers. I did not receive salary support and the annual amount varied depending on the remainder of the loan and my annual salary.

KE.07.0055 11/1/2009-2012 (3 yrs)
CDC/PEPFAR Public Health Evaluation \$180,000/yr, 20% FTE
Principal Investigator: Craig R. Cohen
“Integration of HIV Care and Treatment into MCH Services in Migori District”
In this cluster-randomized trial, we evaluated the uptake and impact of integrating HIV care into antenatal services for women newly diagnosed with HIV in pregnancy in western Kenya.
Role: Co-investigator

UCSF Center for AIDS Research (CFAR) 1/15/10-1/14/11 (1 yr)
Pilot Award in HIV/AIDS \$40,000, In-Kind
Principal Investigator: Huchko
“HIV-1 Genital Shedding in Women Before and After Treatment of Cervical Dysplasia”
In this award, we examined levels of HIV-1 virus detected in cervical fluid before and after colposcopy and Loop Electrosurgical Excision Procedure. I was a K-Scholar during this award, and therefore was unable to collect salary support.

KL2 RR024130-06 7/01/10-6/30/14
NIH/UCSF Clinical and Translational Science Institute \$3,114,750,75% FTE
Principal Investigator: Clay Johnstone
“Cervical Cancer Screening and Treatment in HIV-Infected Women in Western Kenya.”
Through this 4-year career-development award, I evaluated the safety and efficacy of cervical cancer screening techniques among HIV-infected women in western Kenya. I also gained valuable research and career mentorship, and completed the Advanced Training in Clinical Research certificate as part of the UCSF CTSI.
Role: KL2 scholar.

UCSF Center for AIDS Research (CFAR) 3/01/10-2/29/11
Pilot Award in HIV-Associated Malignancies \$75,000 x 1 yr, In-Kind
Principal Investigator: Huchko
“Testing the performance and local laboratory capacity for p16^{INK4a} ELISA for cervical cancer screening among HIV-infected women in Western Kenya”
In this award we evaluated the performance of p16^{INK4a} for detected of cervical cancer precursors among 300 women attending an HIV-clinic in western Kenya. I was a K-Scholar during this award, and therefore was unable to collect salary support.

UCSF Center for AIDS Research (CFAR) 3/15/11-5/2012 (1 yr)
Pilot Award in HIV Associated Malignancies \$75,000
Principal Investigator: Huchko
“Feasibility and accuracy of a novel biomarker for cervical dysplasia in HIV-infected women in Kenya”
In this award we evaluated the performance of p16^{INK4a} for detected of cervical cancer precursors among 1800 women attending an HIV-clinic in western Kenya, building on the work for the pilot study. I was a K-Scholar during this award, and therefore was unable to collect salary support.

Landon Foundation-American Association of Cancer Research 4/01/11-3/31/13 (2 yrs)
INNOVATOR Award for Cancer Prevention Research \$50,000/yr, 15% FTE
Principal Investigator: Huchko

“Cervical Cancer Screening with a Novel Biomarker in HIV-infected Women”

In this award we evaluated the performance of p16^{INK4a} for detected of cervical cancer precursors among 1800 women attending an HIV-clinic in western Kenya, building on the work for the pilot study.

KL2 RR024130-06

12/1/11 to 6/3/12

NIH/UCSF Clinical and Translational Science Institute

\$14,000

Principal Investigator: Clay Johnstone

“Improving data collection for clinical and research purposes in government outpatient clinics in Western Kenya”

I received supplemental funding through my KL2 award to evaluate point-of-care data collection systems for a cervical cancer screening program in western Kenya. I did not receive salary support.

Role: K-Scholar

Junior Faculty Fellowship

3/1/12-2/28/13

University of California Global Health Institute

\$25,000 x yr, 10% FTE

Principal Investigator: Huchko

“The Impact of an Educational Intervention on Cervical Cancer Knowledge, Perceptions of Stigma and Screening Uptake in Rural Western Kenya”

Through this award we evaluated the impact of a brief educational tool for cervical cancer prevention among women attending rural clinics in western Kenya; this award provided the pilot data for the R01.

5U79TI020295-05

7/1/13-6/30/14

NIH/Center for Substance Abuse Treatment (SAMHSA)

\$450,000/yr, 10% FTE

Principal Investigator: Jason Satterfield

“The UCSF SBIRT Collaborative Education Project”

The goal of this project is to introduce substance abuse screening using the SBIRT (Screening, Brief Intervention and Referral to Treatment) model into residency programs in all primary care specialties at UCSF. I developed the core curriculum for the ob/gyn program.

Role: Director of Ob/Gyn SBIRT Curriculum Development

5 R01 CA174634 02

04/01/14-03/31/15

NIH/National Cancer Institute

\$660,318/yr; 5% FTE

Principal Investigator: Howard Strickler (Albert Einstein School of Medicine)

“Molecular Methods to Improve Cervical Cancer Screening in HIV+ Women”

Exploring novel biomarkers to increase the specificity and sensitivity of standard screening methods for cervical dysplasia among HIV-infected women.

Role: Study Clinician

Preterm Birth Initiative

05/01/14-6/30/15

Bill and Melinda Gates Foundation/Lynn and Mark Benioff

\$100,000,000. 20% FTE

Principal Investigator: Larry Rand

Develop, implement and disseminate interventions to diminish the impact of preterm birth worldwide. I worked on the Smart Diaphragm Study, in which we piloted a device to use fluorescence to measure sub-clinical changes in the pregnant cervix. We collected data at 8-10 timepoints in 30 pregnant women.

Role: Study Clinician

P30 CA 82103-16

5/01/2015-04/30/2016

Principal Investigator: Megan Huchko \$75,000/yr, 10% FTE
 HIV-related malignancies supplement to the Helen Diller Family Comprehensive Cancer Center's National Cancer Institute Cancer Center Support Grant
 "Exploring preferences related to cervical cancer prevention among HIV-infected women: what are they and how to they differ from low-risk women?"
 We measured preferences for cervical cancer screening strategies employing HPV testing among HIV-infected women to develop utilities for use in cost-effectiveness analyses. Specifically, we worked with tools and methods developed as part of the CERVICCS study (1R01CA169093, PI: Sawaya) and will use our results to inform their analysis of HPV-based screening strategies in various populations.

UCSF Center of Excellence in Women's Health
 Principal Investigator: Megan Huchko 5/01/2015-4/30/2016
 Post-Childbearing Leave Career Development Award \$40,000/yr, 20% FTE
 Provided salary support for protected time for specific research projects for investigators up to 18 months after leave for childbearing. Linked to the HIV-related malignancies supplement above.

Present

R01CA188428-01 09/01/14—8/30/19 (5 yrs)
 Principal Investigator: Huchko \$500,000/yr, 35% effort
 "Evaluating a Community-Driven Cervical Cancer Prevention Model in western Kenya"
 Through this award, we are using an Implementation and Dissemination Science Framework to conduct a cluster-randomized trial evaluating strategies that will improve the reach and efficacy of evidence-based cervical cancer prevention strategies among rural women in western Kenya.

U54CA190153-01 05/01/15-04/31/20 (5 yrs)
 Principal Investigator: Jeff Martin \$750,000/yr, 10% effort
 "Uganda-UCSF Consortium on Prevention and Early Detection of HIV-Associated Cancer"
 Through this award, we evaluate the uptake and impact of community-based initiatives to reduce the morbidity and mortality associated with cervical cancer and Kaposi's sarcoma through screening and early detection.
 Role: Project Leader for P2, "Prevention and Early Detection of Cervical Cancer through Self-Administered Screening in the Community"

Duke Intellectual Community Planning Grant 1/1/17-12/31/17 (1 yr)
 Leader: Megan Huchko \$5,000
 "Foster Collaborations at Duke to Address Global Cancer Disparities"
 A yearlong project to foster multi-disciplinary collaborations in research, education and policy advocacy to address the global disparity in women's reproductive tract cancers.

Mentoring activities

Faculty Mentored

Dates	Name	Position	Role	Current Position
2014-present	Miriam Nakalembe, MbChb, M.Med, PhD	Faculty	Mentor and Co-PI on career Development award (U54)	Faculty, Makerere University

Postdoctoral Scholars Supervised or Mentored:

Dates	Name	Position	Role	Current Position
2008-present	Eleanor Ochodo, MbChb, MPH, PhD	Medical Officer	Clinical/Research Mentor	Post-doctoral Fellow

2009-2011	Thomas Odeny, MbChb, MPH	Medical Officer	Clinical/Research Mentor	Research Fellow, PhD candidate
2011-13	Michelle Khan, MD, MPH	Fellow, Reproductive Infectious Disease	Research Advisor	Assistant Professor, University of Alabama
2015-present	Megan Swanson, MD, MPH	Gyn/Oncology Fellow	Research Advisor	Gyn Onc Fellowship

Residents Mentored:

Dates	Name	Position	Role	Current Position
2008-2009	Megan Daw, MD, MPH	Resident	Research Advisor	Clinical Fellow
2010-13	Colleen Lynch, MD	Resident	Research Advisor	Attending
2014-present	Ashish Premkumar, MD	Resident	Research Advisor	Resident, UCSF
2014-present	Andrea Knittel, MD, PhD	Resident	Research Advisor	Resident, UCSF

Predoctoral Students Supervised or Mentored:

Dates	Name	Position	Role	Current Position
2008-2013	Terry Farsani	Medical Student	Research Advisor	Dermatologist, Stanford
2009-present	Victoria Woo	Medical Student	Research Advisor for PAACTR/Doris Duke Fellowship	Resident, Ob/Gyn Kaiser, Oakland
2010-present	Chemtai Mungo	Medical Student	Research Advisor for PAACTR/Doris Duke Fellowship	Resident, Ob/Gyn Kaiser San Francisco
2010-2011	Insiyyah Patanwala	Medical Student	Thesis Committee Member, MD w/ Thesis	Resident, Ob/Gyn University of Chicago
2011-present	Jessica Vernon	Pre-medical Student	Research Advisor	Medical Student, Stanford
2011-13	Chinwe Onu	Medical Student	Research Advisor	Medical Student, UCSF
2011-present	Joelle Rosser	Medical Student	Research Advisor for PACCTR/Doris Duke Fellowship	Resident, Internal Medicine, University of Washington
2012-present	Ruby Singrhao	Masters Student	Global Health Sciences Mentor	Research Associate, UCSF
2012-2015	Paul Adamson	Medical Student	Research Advisor for Pathways in Global Health	Resident, Internal Medicine, Yale
2014-present	Tara Wu	Medical Student	Research Advisor for Pathway's Explore RAPtr Grant	Medical Student, UCSF

Education / Teaching activities

Teaching narrative

I worked with residents and medical students in clinical areas, interactive didactic and case based sessions and research training at both UCSF and through my work with the Family AIDS Care and Education Services Program in Kenya and have continued that work at Duke. While at UCSF, I participated in the biweekly reproductive infectious journal clubs at SFGH, and the weekly SFDPH STI journal club, both as a presenter and as an active participant with medical students, residents and other faculty. I coordinated the biweekly didactic lectures for the ob/gyn intern continuity clinic at SFGH. I also designed and led several case conference modules for the SFGH students on their

ob/gyn rotation, and serve as a mentor for medical students rotating through their ob/gyn rotation. While in western Kenya, I have been acting as the outpatient gynecology consultant and clinical mentor since July 2007. Prior to my arrival at FACES, clinical officers and nurses taking care of HIV-infected women had minimal training in pelvic exams and no ongoing experience in gynecologic history-taking, physical exams or diagnosis and management of ob/gyn problems. I created and gave lectures on women's health, sexually transmitted infections, dysfunctional uterine bleeding, infertility and evaluation of lower abdominal/pelvic pain. I have also designed the curriculum to teach clinical officers (the Kenyan equivalent of physician's assistants) about cervical cancer screening, counseling and techniques in visual inspection with acetic acid and colposcopy. I have also formally and informally mentored Kenyan medical officers and clinical officers in research and clinical methods.

At Duke, I developed and am teaching an undergraduate Global Health course entitled Global Sexual and Reproductive Health (GLHLTH 215).

Postgraduate and Other Courses

- 2007 HIV and Women's Health. FACES, Kisumu, Kenya. Organized 1 day course and gave 3 lectures on HIV and gynecology, cervical cancer screening and performing the pelvic exam.
- 2007-2009 Visual Inspection of Acetic Acid, FACES, Kisumu, Kenya. Developed and taught 5-day course with didactic and practical components; taught three times and supervised course taught by clinical officer and nurses.
- 2007-2009 Colposcopy, FACES, Kisumu, Kenya. Developed and taught 7 day course, with didactic and practical components; taught three times and supervised course taught by clinical officer and nurses.
- 2007-2008 Loop Electrosurgical Excision Procedure (LEEP), FACES, Kisumu, Kenya. Developed and taught 1-day course twice, supervised course taught by clinical officer and nurses.
- 2008 Scientific Writing Course, Suba, Kenya. One of four writing mentors to work with East African scientists and clinicians to improve their research and scientific writing skills as part of a UCSF writing course.
- 2009 Principles of Gynecologic Examination and Specimen Collection. Designed and carried out a 1 week didactic and training session covering pelvic exam and specimen collection for CDC clinical research trials in the Nyanza Province, Kenya.
- 2012 Designing Clinical Research, Section Leader; 9 classes, 12 students/section
- 2013, 2014 Designing Clinical Research, electronic Section Leader: 9 classes, 6-7 international student learners
- 2014 Mentor and course leader, Kenya Medical Research Institute Research Care and Training Program Grant Writing Course
- 2016 Designing Clinical Research for the Masters in Translational Medicine Students: online course, section leader; 16 learners

Undergraduate Courses

- 2017--Sp Global Sexual and Reproductive Health

Courses Developed for UCSF

- 2010 Cervical Cancer Screening and HPV. Core Curriculum Seminar for the department of medicine residency program
- 2014 Substance Abuse Screening using SBIRT (Screening, Brief Intervention Referral for Treatment), core curriculum for Ob/Gyn Residents

Informal Teaching

- 2006-2013 Reproductive Infectious Disease Journal Club (biweekly with residents, fellows and attgs)
- 2006-2016 Attending Rounds with Obstetrics and Gynecology Residents (daily while on-service)
- 2007-2014 FACES Journal Clubs/CME courses
- 2009-2016 Case conferences for model SFGH 3rd year medical students, part of UCSF curriculum
- 2010-2012 Mentorship of undergraduate students in UC Berkeley's Capstone Biomedical Engineering course

Invited Lectures and Presentations

International Meetings

- 2010 Panel Discussion on Cervical Cancer Screening among HIV-Infected Women in Resource-Limited Settings at the Conference on Retroviruses and Opportunistic Infections
- 2014 Panel Presentation on Strategies for Integration of Cervical Cancer Prevention Services in Low-Resource Settings, International Papillomavirus Meeting, Seattle, Washington
- 2012 Cervical Cancer Screening in HIV-care and treatment programs, Integration for Impact Conference, Nairobi, Kenya
- 2016 Organizing Workshop entitled Cervical Cancer Prevention as a Paradigm for Cancer Prevention in Developing Countries;" presenting "Challenges and opportunities for cervical cancer prevention in a low-resource setting" at the Perspectives in Cervical Cancer Prevention Course at the Swiss International Cancer Prevention Group

National Scientific Meetings

- 2016 Using Technology to improve screening options for cervical cancer in low resource settings, Panel Discussion at the Consortium for Universities in Global Health

Instructional Courses, workshops, symposiums

- 2006, 7, 8 Reproductive Infectious Disease, School of Nursing, UCSF
- 2014,5 Pre-Exposure Prophylaxis for Clinicians, UCSF Obstetrics and Gynecology Update, San Francisco
- 2015 Sexually Transmitted Infections in Pregnancy, Contraceptive Technology, San Francisco
- 2016 Opioids in Pregnancy, UCSF Obstetrics and Gynecology Update, San Francisco
- 2016 Global Impact of Reproductive Infectious Disease, Organizing the Scientific Symposium and presenting "Primary HPV Testing in Global and Domestic Cervical Cancer Screening Programs: Possibilities and Pitfalls" for the Annual Meeting of the American Gynecological Club.
- 2017 Comprehensive Colposcopy, American Society of Colposcopy and Cervical Pathology, Lecturer.

Regional presentations and posters

- 2006 Grand Rounds, Columbia Presbyterian Medical Center
- 2007 Challenges in Global Cervical Cancer Prevention, School of Medicine, Student AIDS Forum UCSF
- 2008 Challenges in Global Cervical Cancer Prevention, Center for AIDS Prevention Studies, UCSF
- 2009 Building a Career in Global Women's Health, International Health Interest Group, Stanford University
- 2008 Cervical Cancer Prevention within HIV-Clinics, ASPIRE, SFGH
- 2009 Women, HIV and Stigma, 22nd Annual East Bay HIV Update
- 2010 New Cervical Cancer Prevention Strategies for HIV-Infected Women, Grand Rounds,

- Department of Obstetrics and Gynecology UCSF
- 2012 Update from FACES: Using Research to Impact HIV and Reproductive Health Care in Kenya, Grand Rounds, Department of Obstetrics, Gynecology and Reproductive Sciences
- 2014 Cervical Cancer Prevention: Moving from Evidence to Implementation: Grand Rounds, Department of Obstetrics and Gynecology UCSF
- 2015 Progress and Promise: Global Cancer Work at UCSF
- 2016 Cervical Cancer Prevention: Moving from Evidence to Implementation, Duke Global Health Institute
- 2016 Cervical Cancer in Africa: Sustainable Implementation Strategies
Duke University Department of Obstetrics and Gynecology