

## CURRICULUM VITAE

RENA C. PATEL

JANUARY 2019

### 1. PERSONAL DATA

Place of birth: Winfield, Illinois  
Address: 6425 Hampton Rd S, Seattle, WA 98118  
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### 2. EDUCATION

1999-2003 University of Illinois at Chicago (UIC), Bachelor of Arts (B.A.) in History  
2003-2004 University of Cambridge, Master of Philosophy (M. Phil.) in Social and Political Sciences  
2004-2009 Stanford School of Medicine, Medical Doctorate (M.D.), concentration in Community Health  
2007-2008 Harvard School of Public Health, Masters in Public Health (M.P.H.), concentration in International Health

### 3. POSTGRADUATE TRAINING

2009-2012 Internship and Residency in Internal Medicine, Stanford School of Medicine, Stanford, CA  
2012-2015 Fellowship in Infectious Diseases, University of California, San Francisco (UCSF), San Francisco, CA

### 4. EMPLOYMENT

2001-2003 Research Assistant, Institute for Research on Race and Public Policy, Chicago, IL  
2003 (sum.) Research Assistant, International Center for Research on Women (ICRW), Washington D.C.  
2005 (sum.) Research Consultant, Self-Help Initiatives for Sustainable Development (SHIFSD), Ghana  
2010 (fall) Research Fellow, Kaiser Family Foundation, Menlo Park, CA  
2015 Assistant Professor, Division of Infectious Diseases, UCSF, San Francisco, CA  
2015-2018 Acting Instructor, Division of Allergy and Infectious Diseases, University of Washington (UW), Seattle, WA  
2018- Acting Assistant Professor, Division of Allergy and Infectious Diseases, UW, Seattle, WA

### 5. HOSPITAL POSITIONS HELD

2016- Attending Physician, Harborview Medical Center, Seattle, WA  
2016- Attending Physician, University of Washington Medical Center, Seattle, WA

### 6. CURRENT EMPLOYMENT

N/A

### 7. HONORS AND AWARDS

#### National Honors

2002 Harry S. Truman Scholar  
2003 All USA College Academic First Team

2003-2004 Gates Cambridge Scholar, Cambridge University  
2004 International Achievement Summit, Academy of Achievement, Chicago  
2005 American Association of Physicians of Indian Origin Student Award  
2014-2018 NIH Loan Repayment Program Awardee, Clinical Research Track  
2015-2020 NIH-NIAID Career Development Award (K23)

### **University-wide Honors**

1999-2003 Dean's List, UIC  
2002 Keynote speaker for Gandhi National Day of Service at University of Illinois  
2003 Riddle Prize, most outstanding graduating senior, UIC  
2006 Asian American Award, Graduate Student Recipient, Stanford University  
2007-2008 Zuckerman Fellow, Harvard University  
2018 UW School of Medicine Preceptor Award for Service Learning  
2019 UW Chair of Medicine Scholars Award

### **8. BOARD CERTIFICATIONS**

2012 Board certified in Internal Medicine  
2015 Board certified in Infectious Diseases

### **9. CURRENT LICENSE(S) TO PRACTICE**

2015- Washington state medical license MD 60597791

### **10. PROFESSIONAL ORGANIZATIONS**

#### **Service to Professional Organizations**

2005-2006 Physicians for Social Responsibility, Physicians for Human Rights, co-leader of Stanford chapters, developed and ran organizational activities pertaining to social justice issues in health, organized First Annual 'Women, Health and Human Rights Film Festival' at Stanford, organized lunchtime lecture series showcasing health professionals working to reduce injustices  
2014- Fellow, Society of Family Planning

#### **Service to Professional Publications**

2011- AIDS & Behavior, ad hoc reviewer  
2012- AIDS Research and Treatment, ad hoc reviewer  
2014- Journal of Public Health Research, ad hoc reviewer  
2017- PLOS One, Journal of AIDS Research, ad hoc reviewer

### **11. TEACHING RESPONSIBILITIES**

#### **Teaching**

2005-2006 Teaching Assistant for Healer's Art (Winter session), Stanford  
2005-2006 Teaching Assistant for Practicum in Community Health Interventions, Stanford  
Developed class structure, curriculum, and activities on interventions in underserved communities; organized annual field trips to Stanford University and health fairs for middle school students and families  
2016- Clinical teaching, ID/HIV Consult, Harborview Medical Center  
2017- Clinical teaching, General Internal Medicine, Harborview Medical Center  
2018 Group Discussion Leader, Biomedical Research Integrity (BRI), UW

#### **Research Mentorship**

A. Fellows, Post-Doctoral Fellows, and PhD candidates

- 2013-2015     Mentoring a family medicine physician and family planning fellow, Angeline Ti, at UCSF in investigating ways in which HIV-positive women's fertility desires are influenced by ART initiation
- 2014-         Mentoring a OB/Gyn physician and family planning fellow, Caitlin Parks, at Washington University/AMPATH on contraceptive failures in HIV-positive women using implants
- 2015-         Mentoring a PharmD student, Lilian Kibathi, at UCSF on conducting pharmacokinetic studies on antiretrovirals in Kenya
- 2017-         Mentoring UW School of Medicine and School of Public Health MD/PhD student, D. Allen Roberts, on community-based HIV testing strategies in Seattle, WA
- 2018-         Mentoring UW School of Public Health Epidemiology PhD student, Randy Stalter, on pharmacology, pharmacokinetics and pharmacoepidemiology for HIV prevention and treatment
- 2018-         Mentoring UW School of Public Health Epidemiology PhD student, Steven Erly, on investigating HIV and general health disparities among cohort of patients being treated for HIV at UW

**B. Medical students or masters degree candidates**

- 2013-         Mentoring two medical students, Jill Hagey and Gaelen Stanford-Moore, at UCSF in HIV-related global health research activities; Jill successfully competed for American Society of Tropical Medicine's Dean fellowship and UCSF Research Allocation Program for Trainees award to investigate HIV facility-level factors influencing contraception use in Kenya; Gaelen successfully competed for UCSF Research Allocation Program for Trainees award to investigate reasons why qualifying individuals decline ART or PrEP initiation in the Partners PrEP study in Kenya
- 2015-2017     Mentoring Global Health Sciences Masters candidate, Keerthana Anand, at UCSF in qualitative research methods using my study ART-C's data

**C. Undergraduate Students**

- 2018-         Mentoring UW College of Liberal Arts & Sciences BA student, Giomar Basauldo, on community-based HIV testing and qualitative research methods

**D. Invited talks**

- 2015         "Interactions between hormonal contraceptives and antiretroviral therapy: Implications for family planning for HIV-positive women," UCSF OB/Gyn Grand Rounds, San Francisco, California, May 18, 2015

**12. EDITORIAL RESPONSIBILITIES**

None

**13. SPECIAL NATIONAL RESPONSIBILITIES**

None

**14. SPECIAL LOCAL RESPONSIBILITIES**

**University Service**

- 2001-2003     Chancellor's Committee for Asian American Affairs at UIC, student representative, accomplished UIC's first two Asian Americanist hires, establishment of the Asian American Resource and Cultural Center, and slew of Asian American student programming

2013-current Mentoring undergraduate, graduate students, and fellows in HIV-related global health research activities at UCSF and UW

### **Community/Public Service**

2000 VISIONS Worldwide, New Delhi, India, volunteer for HIV prevention education in schools

2001 Rural development NGOs, Gujarat, India, volunteer for three NGOs performing documentation

2002 Global Service Corps, Arusha, Tanzania, volunteer for HIV prevention education in schools

Every May Stanford Alumni Day of Service, volunteer on various projects during this annual event

### **15. RESEARCH FUNDING**

#### **A. Current**

2015-2020 Sponsor: NIH/National Allergy and Infectious Diseases (NIAID)  
Type of award: K23 career development award K23AI120855  
Title: Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants  
Total costs: \$920,270  
Role: PI

2018-2019 Sponsor: University of Washington Center for AIDS Research (CFAR)  
Type of award: Localizing Global Research "Glocal" Award  
Title: Harambee! HIV testing for African immigrants in Seattle  
Total costs: \$15,000  
Role: Pilot award PI

2018-2019 Sponsor: University of Washington, Institute for Translational Health Sciences  
Type of award: Academic Community Partnership Award  
Title: Harambee! HIV testing for African immigrants in Seattle  
Total costs: \$20,000  
Role: Pilot award PI

2019-2021 Sponsor: University of Washington Center for AIDS Research (CFAR)  
Type of award: New Investigator's Award  
Title: Optimizing viral load suppression among pregnant women with HIV (Opt4Mamas)  
Total costs: \$110,000  
Role: PI

2018-2020 Sponsor: NIH/NIAID  
Type of award: R21 Exploratory Award R21AI136645  
Title: Drug-drug interactions of contraceptive implants and HIV medications  
Total costs: \$430,460  
Role: PI

2018-2020 Sponsor: NIH/NIMH  
Type of award: R34 Pilot Award R34MH115769  
Title: Optimizing viral load suppression in Kenyan children on antiretroviral therapy (Opt4Kids)

Total costs: \$682,274  
Role: Project PI/PD

B. Pending  
2019-2021

Sponsor: NIH/NIAID  
Type of award: R21 Exploratory Award  
Title: Optimizing viral load suppression among pregnant women with HIV via HIV drug resistance testing (Opt4Mamas+)  
Total costs: \$250,000  
Role: PI

2019-2021

Sponsor: NIH/NIMH  
Type of award: R34 Pilot Award  
Title: Harambee! Addressing intersectional stigma among African immigrant communities  
Total costs: \$450,000  
Role: Project PI/PD

C. Past  
2007

Sponsor: Stanford University Medical Scholars Program  
Type of award: Traveling Medical Scholars Award  
Title: Quality of life among Zimbabwean women with HIV  
Total costs: \$5,000  
Role: PI

2008-2009

Sponsor: Stanford University Medical Scholars Program  
Type of award: Medical Scholars Award  
Title: Quality of life among Zimbabwean women with HIV  
Total costs: \$20,000  
Role: PI

2013-2015

Sponsor: NIH/NIAID  
Type of award: T32 training grant  
Title: Biology of Infectious Diseases  
Total costs: n/a  
Role: Trainee

## 16. BIBLIOGRAPHY

### A. Manuscripts in Refereed Journals

1. **Patel R**, Kassaye S, Gore-Felton C, Wyshak G, Kadzirange G, Woelk G, and Katzenstein D. "Quality of life, psychosocial health, and anti-retroviral therapy among HIV-positive Zimbabwean women." *AIDS Care*, 2010 Dec, 21(12): 1517-1527. PMID: 20024731 [original work]
2. McClellan K, **Patel R**, Kadzirange G, Chipato T, and Katzenstein D. "Fertility desires and condom use among HIV-positive women at an anti-retroviral roll-out program in Zimbabwe." *African Journal of Reproductive Health*, 2010 Jun, 14(2): 27-35. PMID: 21243916 [original work]

3. **Patel R**, Ratner J, Gore-Felton C, Kadzirange G, Woelk G, and Katzenstein D. "Patterns, correlates, and psychosocial impact of disclosure among HIV-positive women in Zimbabwe." *AIDS Care*, 2012, 24(3): 358-68. PMID: 21902570 [original work]
4. **Patel R**, Baum S, Grossman D, Steinfeld R, Onono M, Cohen CR, Bukusi EA, and Newmann SJ. "HIV-positive men's experiences with integrated family planning and HIV services in western Kenya: Integration fosters male involvement." *AIDS Patient Care and STDS*, 2014 Aug, 28(8):418-24. PMID: 24927494 [original work]
5. Hagey J, Akama E, Ayieko J, Bukusi EA, Cohen CR, and **Patel R**. "Barriers and facilitators HIV-positive adolescent females face in seeking family planning services: A qualitative assessment of providers' perspectives in western Kenya." *Journal of International AIDS Society*, 2015; 18:20123. PMCID: PMC4575411. [original work]
6. **\*Patel R**, Onono M, Gandhi M, Hagey J, Blat C, Shade S, Bukusi EA, Newmann SJ, and Cohen CR. "Pregnancy rates among HIV-positive women using various forms of antiretroviral therapy and contraceptives in Kenya." *The Lancet HIV*, Oct 15 2015 Epub. [original work]
7. **\*Patel RC**, Stanford-Moore G, Odoyo J, Pyra M, Wakhungu I, Anand K, Bukusi EA, Baeten JM, Brown JM. "'Since both of us are using antiretrovirals, we have been supportive to each other': facilitators and barriers of pre-exposure prophylaxis use in heterosexual HIV serodiscordant couples in Kisumu, Kenya." *Journal of the International AIDS Society*, 2016, 19:21134. PMCID: PMC5155127. [original work]
8. **\*Patel RC**, Odoyo J, Anand K, Stanford-Moore G, Wakhungu I, Bukusi EA, Baeten JM, Brown JM. "Facilitators and barriers of antiretroviral therapy initiation among HIV serodiscordant couples in Kenya: qualitative insights from a PrEP implementation study in Kenya." *PLOS One*, 2016 Dec 8; 11(12):e0168057. doi: 10.1371/journal.pone.0168057. eCollection 2016. PMID: 27930740. [original work]
9. **\*Patel RC**, Baeten JM, Heffron R, Hong T, Davis N, Nanda K, Coombs RW, Lingappa JR, Bukusi EA, Hurst S, Thomas KK, Kourtis AP, Mugo N. "Hormonal contraception is not associated with reduced ART effectiveness among women initiating ART: evidence from longitudinal data." *JAIDS*, 2017 May 1; 75(1):91-96. PMID: 28399558. [original work]
10. **Patel RC**, Morroni C, Scarsi KK, Sripipatana T, Kiarie J, Cohen CR. "Concomitant contraceptive implant and efavirenz use in women living with HIV: perspectives on current evidence and policy implications for family planning and HIV treatment guidelines" *JIAS*, 2017 May 11; 20(1):21396. PMCID: PMC5515020. [original work]
11. Ayieko J, Ti A, Hagey J, Akama E, Bukusi EA, Cohen CR, **Patel RC**. "HIV status and ART influence on fertility desires among women in western Kenya." *Reproductive Health*. 2017 Aug 8;14(1):93. PMID: 28789674. [original work]
12. **Patel RC**, Bukusi EA, Baeten, JM. "Current and future contraceptive options for women living with HIV: a review" *Expert Opinion in Pharmacotherapy*. 2017 Sep 19:1-12. PMID: 28891343. [original work]
13. **Patel RC**, Leddy AM, Odoyo J, Anand K, Stanford-Moore G, Wakhungu I, Bukusi EA,

Baeten JM, Brown JM. "Gender norms shape serodiscordant couples' motivations to prevent HIV transmission: qualitative findings from a PrEP implementation study in Kenya." *Culture, Health & Sexuality*. 2017 Sep 14:1-15. PMID: 28903628. [original work]

14. Caroline C. King, Sascha R. Ellington, Nicole L. Davis, Robert W. Coombs, Maria Pyra, Ting Hong, Nelly Mugo, **Rena C. Patel**, Jairam R. Lingappa, Jared M. Baeten, and Athena P. Kourtis; on behalf of the Partners in Prevention HSV/HIV Transmission Study and Partners PrEP Study Teams. "Prevalence, Magnitude, and Correlates of HIV-1 Genital Shedding in Women on Antiretroviral Therapy." *Journal of Infectious Diseases*. 2017 Dec 19;216(12):1534-1540. PMID: 29240922. [original work]

15. Pyra M , Lingappa JR, Heffron R, Erikson DW, Blue SW, **Patel RC**, Nanda K, Rees H, Mugo NR, Davis NL, Kourtis AP, Baeten JM; for the Partners in Prevention HSV/HIV Transmission Study and Partners PrEP Study Teams. "Concordance of self-reported hormonal contraceptive use and presence of exogenous hormones in serum among African women." *Contraception*. 2018 Apr;97(4):357-362. PMID: 29408422. [original work]

B. Book Chapters

None

C. Published Books, Videos, Software, etc.

None

D. Other Publications

None

E. Submitted Manuscripts

1. Patel RC, Jakait B, Thomas KK, Yiannoutsos C, Onono M, Bukusi EA, Wools-Kaloustian KK, Cohen CR; on behalf of Implant/Efavirenz Study Group. "Increasing body mass index or weight does not appear to influence the association between efavirenz-based antiretroviral therapy and implant effectiveness among HIV-positive women in western Kenya." *Contraception*. Under review. [original work]

F. Abstracts

1. Oct. 2002. South Asian Studies Conference at Loyola University, Chicago, IL  
**R. Patel** and J. Chen. Analysis of rural development NGOs in Gujarat, India- oral presentation
2. Dec. 2002. Asian American Institute and Chicago Housing and Urban Development council hearings.  
A. Ebreo, **R. Patel**, S. Kim. Housing barriers and needs of Asians in Chicago- oral presentation
3. April 2006. 4<sup>th</sup> Annual Unite for Sight International Health Conference, New Haven, CT.  
**R. Patel**, O. Dixon, M. Sati, and J. Acheampong. Exploring Sexual and Reproductive Health with Liberian Refugee Women -oral presentation
4. Aug. 2008. 17<sup>th</sup> International AIDS Conference, Mexico City, Mexico.

- R. Patel**, S. Kassaye, D. Katzenstein et al. Comparing quality of life among women with HIV/AIDS on and awaiting combination anti-retroviral therapy in Zimbabwe -poster presentation (published abstract)
5. Feb. 2011. 18th Conference on Retroviruses and Opportunistic Infections. Boston, MA. K. McClellan, **R. Patel**, et al. Herpes simplex virus and human immunodeficiency virus prevalence and incidence among young men and women in Zimbabwe in the NIMH CPOOL Study- poster presentation (published abstract)
  6. Jan. 2014. University of Nairobi STD/AIDS Collaborative Research Group Meeting, Kenya.  
**R. Patel** et al. HIV-positive men's experiences with integrated family planning and HIV services in western Kenya: Integration fosters male involvement- oral presentation
  7. March 2014. Symposium on Gender Equity and Reproductive Health, San Diego, CA.  
**R. Patel** et al. HIV-positive men's experiences with integrated family planning and HIV services in western Kenya: Integration fosters male involvement- poster presentation
  8. July 2014. 20<sup>th</sup> International AIDS Society Conference, Melbourne, Australia.  
**R. Patel** et al. Factors associated with more effective contraceptive use in Kenya- poster presentation (published abstract)
  9. Feb. 2015. 5<sup>th</sup> International HIV and Women's workshop, Seattle, WA.  
**R. Patel** et al. Pregnancy rates among HIV-positive women using various forms of antiretroviral therapy and contraceptives in Kenya- oral presentation (published abstract)
  10. Feb. 2017. Society of General Internal Medicine (SGIM) Northwest Regional Meeting, Portland OR.  
Koh E, Simmons JD, Stohs E, **Patel R**. Case Report: Challenges in Treating HIV-infected Patients with Concurrent Cerebral Toxoplasmosis and Pneumocystis Pneumonia- poster presentation
  11. Feb. 2017. Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA  
**Patel R** et al. Hormonal contraception does not affect ART effectiveness or HIV genital shedding- oral themed discussion and poster presentation

## 17. OTHER