

MAKEDA L. ROBINSON

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EDUCATION:

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| Stanford University, Stanford, California Ph.D. Candidate Dr. Shirit Einav Laboratory | 2015-present |
| Stanford University, Stanford, California Infectious Disease Fellow | 2014-present |
| University of California San Francisco (UCSF) - Internal Medicine Resident | 2011-2014 |
| Stanford University School of Medicine, Stanford, California Doctor of Medicine | 2006-2011 |
| Johns Hopkins University, Baltimore, MD | |
| ■ Bachelor of Arts in Public Health Natural Sciences | June 2005 |
| ■ Dean's Honor List | 2003-2005 |

HONORS/AWARDS:

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| Advanced Residency Training at Stanford Program | July 2015-present |
| ■ Awarded to one fellow per year dedicated to a career as a physician-scientist to support their research and gain a Ph.D. degree | |
| Howard Hughes Medical Institute (HHMI) Research Scholar | 2008-2009 |
| Medical Scholars Research Award Stanford University | 2008-2009 |
| Fogarty Research grant: University of Addis Ababa, Ethiopia | 2005 |
| Jackie Robinson Foundation Scholar | 2001-2005 |
| Urban League Scholar | 2001-2002 |

RESEARCH EXPERIENCE:

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| Ph.D. Candidate: Stanford University, Dr. Shirit Einav Laboratory | September 2015-present |
| ■ Presently collaborating internationally in Cali, Colombia at the Fundacion Valle de Lili to conduct a research project focused on identifying patients who will develop severe Dengue syndrome prior to clinical signs international research team | |
| ■ Will oversee and lead international research team to develop protocols to develop this technology | |
| ■ Conducting wet laboratory research to identify Dengue therapeutics through repurposing approaches | |
| Clinical Researcher: UCSF, Drs. Brian Schwartz/Catherine Liu | December 2012- present |
| ■ Designed quality improvement research project around treatment for spinal hardware infections currently being used as the standard operating procedure for the infectious disease department. | |
| ■ Abstract selected for an oral presentation at the Infectious Disease Week symposium to discuss evidence based protocols for treatment of spinal hardware infections, presentation given at Moscone Center, San Francisco. | |
| HHMI: Stanford University Dr. Ann Arvin Laboratory | July 2008 - October 2012 |
| ■ Created research project focusing on Varicella Zoster Virus mutations to prevent latent infection in vaccine strain | |
| ■ Gained research expertise in: <i>in vivo</i> experiments on SCIDhu mouse model, molecular cloning, tissue culture and immunofluorescence studies | |
| ■ Co-author on publication describing findings in Journal of Virology | |
| Clinical Researcher: Zheijang Chinese Hospital, Hangzhou, China, Dr. Samuel LeBaron | June 2007-August 2007 |
| ■ Received grant from Stanford Medical School to collaborate with Traditional Chinese Medical students regarding incorporation in Western and Eastern Medicine | |
| ■ Visited local hospitals and clinics in Hangzhou, observed TCM techniques, and discussed prevailing issues in the field | |
| Research Fellow: Fogarty International Grant Addis Ababa, Ethiopia, Dr. Ato Meshesha | June 2005 - August 2005 |
| ■ Conducted wet lab research in Pathobiology Department identifying LD ₅₀ for neem oil on Malaria vector: Anopheles gambiae mosquito | |

- Developed field research project to document the prevalence of the Malaria vector and Malaria precautions in Southern Ethiopia

Laboratory Researcher: Malaria Research Center, Dr. George Dimopolous, JHSPH Baltimore, MD September 2004 - May 2005

- Conducted wet lab research and bioinformatics experiments on Malaria vector: *Anopheles gambiae*
- Researched the function of gene families in innate immune system of *A. gambiae* using PCR, Gel Electrophoresis, and RNAi techniques

Public Health Researcher: Health Disparities Solutions Center, Dr. Thomas LaVeist, JHSPH Baltimore, MD June 2003 – August 2005

- Administered blood pressure screenings and interviews to diverse community in Southwest Baltimore
- Conducted data analysis and coding for epidemiologic study

PUBLICATIONS:

"An Sp1/Sp3 Site in the Downstream Region of Varicella Zoster Virus oriS Influences Origin-Dependent DNA Replication and Flanking Gene Transcription and is important for VZV Replication in vitro and in Human Skin." by Mohamed Khalil, **Makeda Robinson**, Marvin Sommer, Ann Arvin, John Hay, and William Ruyechan (JVI01538-12R1)

Accepted Abstract for oral presentation for Infectious Disease Week Conference 2013, Abstract entitled:

"Implementation of a Standardized Treatment Protocol for Spinal Implant Infections Reduces Infection Relapse." **Makeda Robinson, MD**, Internal Medicine, UCSF, San Francisco, CA, Sanjiv Baxi, MS, The University of Michigan Health System, Ann Arbor, MI, Marie Grill, MD, Neurology, University of California San Francisco, San Francisco, CA, Brian Schwartz, MD, Division of Infectious Diseases, University of California, San Francisco, San Francisco, CA and Catherine Liu, MD, Assistant Clinical Professor, University of California, San Francisco, San Francisco, CA.

TEACHING/MENTORSHIP:

Clinical Instructor, Mulago Hospital, Kampala, Uganda March 2014

- Lead clinical rounds with medical students and residents on the infectious disease inpatient ward
- Developed and presented lectures to third and fourth year medical students regarding Infectious Disease/HIV care
- Visited local hospitals and clinics to discuss the medical delivery system in Uganda

Teaching Assistant for cellular biology and histology, Stanford University Medical School July 2007- June 2009

- Lectured first and second year medical students in histology laboratory
- Developed curriculum for examinations and laboratory lectures

Diversity Admissions Panel, Stanford University September 2008- May 2009

- Reviewed potential medical student applications
- Worked on committee with admissions officers to recommend students underrepresented in medicine

LEADERSHIP/COMMUNITY SERVICE:

President Student National Medical Association (SNMA): Stanford University July 2007- June 2008

- Ran SNMA meetings and created agendas
- Organized speaker events and medical conference lectures for students underrepresented in medicine

Co-President of Nominations Committee Stanford University, Stanford, CA January 2010- December 2010

- Lead seven member team of undergraduate and graduate students
- Made nominations of Stanford students to Board of Trustees and other student organizations on campus