

**Harvard Medical School  
Curriculum Vitae**

**Date Prepared:** April 5, 2019  
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**Education**

09/1987-	A.B.	Biochemistry & Molecular	Washington University in
05/1991	<i>Summa Cum Laude</i>	Biology	St. Louis
09/1991-	M.D.		Johns Hopkins University
05/1995			School of Medicine
07/1999-	MPH	Clinical Effectiveness	Harvard School of Public
05/2001			Health

**Postdoctoral Training**

07/1995-	Osler Medical House	Internal Medicine Residency	The Johns Hopkins Hospital
06/1998	Staff, Longcope Firm	Training Program	
07/1998-	Clinical Fellow	Infectious Disease Training	Brigham & Women's
06/1999		Program	Hospital/Massachusetts
			General Hospital
07/1999-	Research Fellow	Infectious Disease Training	Brigham & Women's
06/2001		Program	Hospital/Massachusetts
			General Hospital
2014-2016	Faculty participant	Physician's Leadership	Massachusetts General
		Development Course	Physician's Organization
			(MGPO)

**Faculty Academic Appointments**

07/1998-06/2001	Research Fellow	Medicine	Harvard University
07/2001-12/2003	Instructor	Medicine	Harvard Medical School
01/2004-08/2007	Assistant Professor	Medicine	Harvard Medical School
09/2007-11/2012	Associate Professor	Medicine	Harvard Medical School
12/2012-	Professor	Medicine	Harvard Medical School

**Appointments at Hospitals/Affiliated Institutions**

**Past**

07/1998-06/2001	Clinical/Research Fellow	Medicine	Brigham and Women's Hospital
07/2000-08/2001	Clinical/Research Fellow	Medicine	Massachusetts General Hospital
07/2000-07/2001	Graduate Assistant	Medical Walk-in Unit	Massachusetts General Hospital
08/2001-04/2005	Assistant in Medicine	Infectious Disease Unit	Massachusetts General Hospital
04/2005-04/2009	Assistant Physician	Medicine/Infectious Disease Unit	Massachusetts General Hospital
04/2009-04/2013	Associate Physician	Medicine/Infectious Disease Unit	Massachusetts General Hospital

**Current**

07/2001-	Attending Physician	Infectious Disease Service (inpatient)	Massachusetts General Hospital and Brigham and Women's Hospital
07/2001-	Associate Physician	Medicine/Infectious Disease Service	Brigham and Women's Hospital
04/2013-	Physician	Medicine/Infectious Disease Unit	Massachusetts General Hospital
09/2017-	Chief	Division of Infectious Diseases	Massachusetts General Hospital

**Other Professional Positions**

2011	HIV Executive Committee	Massachusetts General Hospital
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**Major Administrative Leadership Positions**

**Local**

2001-2010	Director/Facilitator	HIV Clinical Research Conference, Harvard Center for AIDS Research (CFAR)
2005-2011	Associate Director	Program in Epidemiology and Outcomes, CFAR
2011-	Co-Director, Medical Practice Evaluation Center	Massachusetts General Hospital
2011-	Director, Program in Epidemiology and Outcomes Research in Infectious Diseases	Massachusetts General Hospital

**National and International**

2010-2013	HIVMA Representative	Infectious Disease Society of America Annual Meeting Program Committee
2012	International AIDS Conference, Washington DC Scientific Program Committee	International AIDS Society Track E, Co-chair
2015-2018	HIVMA Board Member	Infectious Disease Society of America

**Committee Service**

**Local**

2004-	Joint Committee on the Status of Women	Harvard Medical School
	2005-2008	Maternity Leave subcommittee co-Chair
2009-10	Task Force on Faculty Development and Diversity	Harvard Medical School
2009-10	Conflict of Interest, Faculty Reaction Group Committee	Harvard Medical School
2011-	Task Force on Faculty Development & Diversity, Dean's Advisory Committee on Implementation	Harvard Medical School
2011-	Standing Committee on the Conflicts of Interest and Commitment	Harvard Medical School
2011-	Office of Women's Careers, Women in Academic Medicine Advisory Council	Massachusetts General Hospital

**National and International**

2009	Antiretroviral Treatment Guidelines	World Health Organization Consultant
2009	Consultancy to the Obama National HIV/AIDS Strategy	HIV Medical Association
2010	Social and Behavioral HIV Prevention Think Tank Meeting	NIH, Office of AIDS Research Participant
2010-	Strategic Planning to Develop the Natural History and Epidemiology Component of the <i>Trans-NIH Plan for HIV-Related Research</i>	Office of AIDS Research, National Institutes of Health

2011	International AIDS Society	2012 Organizational Committee Track E (Implementation Science, Health Systems and Economics) - Co-Chair
2011-14	Office of AIDS Research Advisory Council	Office of AIDS Research, National Institutes of Health, Member
2014-15	Office of AIDS Research Advisory Council	Office of AIDS Research, National Institutes of Health, Chair
2011-	DHHS Panel on Antiretroviral Guidelines for Adults and Adolescents	Office of AIDS Research, National Institutes of Health
2015-	Doris Duke Charitable Foundation	Scientific Advisory Board
2015-	Scientific and Technical Advisory Committee (STAC)	UNAIDS

**Professional Societies**

2000-	Massachusetts Infectious Disease Society	Member
2000-2009	Infectious Disease Society of America	Member
2000-	Society for Medical Decision Making	Member
2006-	Infectious Disease Society of America	Fellow
2010-	American College of Physicians	Fellow
2011-	American Society of Clinical Investigation	Member
2015-	American Academy of Physicians	Member

**Grant Review Activities**

2006	Special Emphasis Panel Scientific Review Group 2006/10 ZRG1 Scientific Review Group 2007/01 ZRG1	National Institutes of Health Member Member
2008	ECOR – Claflin Awards	Massachusetts General Hospital Ad hoc reviewer
2009	Special Emphasis Panel ARRA Challenge Grant Review	National Institutes of Health Member
2009 -	Center for AIDS Research Developmental Awards	Harvard Medical School Ad hoc reviewer
2009	African Health Initiative (\$8-\$15M)	Doris Duke Charitable Foundation Reviewer
2015, 2018	Clinical Scientist Development Award	Doris Duke Charitable Foundation Chair of Review Panel
2015	Fund to Retain Clinical Scientist Award	Doris Duke Charitable Foundation Reviewer

**Editorial Activities**

*Journal of Acquired Immune Deficiency Syndromes* – reviewer  
*Medical Decision Making* – reviewer  
*Value in Health* – reviewer

*Medical Care* – reviewer  
*Clinical Infectious Diseases* – reviewer  
*Journal of Infectious Diseases* – reviewer  
*Journal of American Medical Association* – reviewer  
*AIDS* – reviewer  
*The Lancet* – reviewer  
*The New England Journal of Medicine* – reviewer  
*Annals of Internal Medicine* – reviewer  
*PLoS Medicine* – reviewer  
*Medscape HIV/AIDS* – reviewer

**Other Editorial Roles**

2010- Advisory Board Medscape HIV/AIDS

**Honors and Prizes**

1990	Phi Beta Kappa	Washington University in St. Louis
1990	Summer Research Fellowship	National Institutes of Health
2000	Edward H. Kass Award for Clinical Excellence in Infectious Disease	Massachusetts Infectious Disease Society
2002	Maxwell Finland Award for Research Excellence in Infectious Disease	Massachusetts Infectious Disease Society
2005	Top 10 Papers of the Year	National Institute of Mental Health
2006	Top 10 Papers of the Year	National Institute of Allergy and Infectious Disease
2007	Paper of the Year	MGH, Institute of Technology Assessment
2008	Partners in Excellence	Partners Health Care Award for Outstanding Community Contributions
2008	HIVMA Emerging Leader in HIV Research	Infectious Disease Society of America
2008	Clinical Infectious Diseases	Top 10% of Reviewers
2008	Annals of Internal Medicine	Top 10% of Reviewers
2010	Young Mentor Award	Harvard Medical School
2010	Stephen Krane Award (Young Investigator)	Massachusetts General Hospital, Department of Medicine
2010	#1 and #2 Comparative Effectiveness Papers of the Year	National Institute of Allergy and Infectious Diseases
2011	Member	American Society of Clinical Investigation (ASCI)
2012	Member	Johns Hopkins Society of Scholars
2014	Oswald Avery Award	Infectious Disease Society of America
2015	MGH Research Scholar	Massachusetts General Hospital
2016	Clifford A. Barger Mentorship Award	Harvard Medical School
2016	IAPAC 150, honoring those 150 people who have influenced IAPACs mission, vision and programs over 30 years	The International Association of Providers of AIDS Care (IAPAC)
2017	Mentor with Distinction	Massachusetts General Hospital
2018	John F. Enders Distinguished Lectureship	IDWeek 2018, San Francisco, CA
2018	John T. Potts, Jr. MD Faculty Mentoring Award	Center for Faculty Development, MGH

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### **Past**

- 1999-2000     AIDS Clinical Research Training Fellowship  
                  NIAID T32 AI07433  
                  Research Fellow  
                  The project funded was to examine the cost-effectiveness of treatment for primary HIV infection.
- 2000-2001     Post-Doctoral Fellowship in Health Services Research  
                  AHRQ T32 HS00020  
                  Research Fellow  
                  The projected funded was to model the impact of treating primary HIV infection on clinical outcomes, life expectancy and viral resistance.
- 2001-2002     The Center for AIDS Research Junior Investigator Award  
                  NIAID P30 AI42851  
                  PI  
                  Treatment Models for Primary HIV Infection
- 2001-2003     Massachusetts Department of Public Health  
                  Co-PI  
                  Routine Voluntary HIV Counseling and Testing in the State of Massachusetts
- 2001-2006     Mentored Patient-Oriented Career Development Award  
                  NIAID K23 AI01794  
                  PI  
                  Treatment Models for Primary and Chronic HIV Infection
- 2002-2004     Claflin Distinguished Scholar Award, The Office of Women's Careers, Massachusetts  
                  General Hospital  
                  PI  
                  The Impact of Prevention and Treatment Interventions on the HIV Epidemic in Africa
- 2005-2009     Doris Duke Charitable Foundation, Clinical Scientist Development Award  
                  PI  
                  Impact and Value of Routine HIV Testing in South Africa
- 2008-2013     PROMISE (Promoting Mother to Infant Survival Everywhere)  
                  NIH/IMPAACT Trial Network  
                  Co-investigator (PI: Freedberg)  
                  The focus of this study will be to conduct cost-effectiveness studies alongside the PROMISE Trial using the CEPAC model and a newly developed pediatric HIV model.

- 2008-2013 Efficacy of CBT for Adherence and Depression in HIV Care Settings  
NIH/NIMH 1R01MH084757  
Co-Investigator (PI: Safren)  
This project will enroll in a randomized trial of provider- vs. counselor-based routine, voluntary HIV testing in the Emergency Department setting to evaluate the effectiveness and cost-effectiveness of these interventions at HIV case identification and linkage to care.
- 2009-2012 Economics of Treatment and Prevention Services for Drugs and Alcohol  
NIH/NIMH, R01  
Co-Investigator (PI: Schackman)  
The goals of this project are to use the Cost-Effectiveness of Preventing AIDS Complications (CEPAC) computer simulation model to aid in the analysis of the economic effectiveness for treatment and prevention of drug and alcohol abuse.
- 2010-2014 Modeling the Impact of HIV Prevention Interventions  
NIH/NIMH, R01  
Co-Investigator (PI: Seage)  
The goals of this project are (1) to build a stochastic, agent-based HIV transmission model which captures the population effects of the transmission dynamics of HIV; (2) to evaluate the impact of primary, secondary and combination HIV prevention interventions on population level measures in South Africa; (3) to evaluate the impact of primary, secondary and combination HIV prevention interventions either alone or in combination, on population level measures in the U.S.
- 2010-2016 Linkage & Retention: A Randomized Trial to Optimize HIV/TB Care in South Africa  
NIH/NIMH, R01  
Co-Investigator (PI: Bassett)  
The goal of this project is to conduct an intervention study examining alternative strategies for newly identified HIV-infected patients to effectively link to clinical care.
- 2011-2014 Evaluation of Treating Discordant Couples to Prevent Transmission  
NIH/NIAID, R01 Supplement  
Co-Investigator (PI: Freedberg)  
The goal of this project is to work with the HPTN 052 team on an economic analysis of the clinical trial which showed that treating HIV serodiscordant couples early could dramatically decrease HIV transmission to the uninfected partner. This study will provide policy insights in terms of the overall impact of developing this strategy as a standard of care.
- 2012-2013 Novel Methods to Evaluate Infection Control Strategies  
InHealth (2011D004925)  
Co- Principal Investigator  
This proposal aims to pioneer the application of discrete event simulation to examine and critically estimate the clinical, operational and economic value of nucleic acid testing applied to accurate identification of individuals who have cleared Vancomycin-resistant enterococcus (VRE) colonization.

- 2014-2016    Prevention Policy Modeling Lab  
Centers for Disease Control and Prevention, U38PS004644  
Co-Investigator (PI: Salomon)  
The goal of this project is to conduct health and economic modeling to inform decision-making on HIV, hepatitis, STD, TB and school health at national, state and local levels, in partnership with the National Center for HIV/AIDS Viral Hepatitis, STD and TB Prevention.
- 2014-2017    Optimising Testing and Linkage to Care for HIV Across Europe  
European Commission (INSERM, prime)  
Co-Investigator (PI: Grarup, *et al.*)  
Workplan #6: The cost-effectiveness of HIV testing strategies in priority groups and regions. The objective of this workplan is use a computer, microsimulation model of HIV disease to estimate the survival benefits, costs, and cost-effectiveness of innovative HIV testing strategies in Europe.
- 2015-2018    Rapid Urine-Based Screening for Tuberculosis to Reduce AIDS-Related Mortality in Hospitalized Patients in Africa (STAMP) Trial  
Medical Research Council  
Site Principal Investigator (PI: Lawn) (\$277,327)  
The main aim of this work is to determine whether use of a fundamentally new approach to rapid diagnostic screening for HIV-associated tuberculosis (TB) using novel, high-sensitivity urine-based testing reduces all-cause mortality among HIV-infected patients requiring admission to medical wards in hospitals in southern Africa.
- 2016-2017    Optimizing Infant HIV Testing Strategies: Using Modeling to Inform Guidelines and Program Planning  
World Health Organization, 2016/655647-0  
Co-Investigator (PI: Ciaranello)  
The overall objective is to conduct model-based analyses to inform the development of future normative guidance and the design of testing strategies tailored to the epidemic setting.
- 2016-2018    The Cost-Effectiveness of Interventions to Promote Medication Adherence in Type 2 Diabetes  
NIH/NIDDK, P30DK057521, Boston Area Diabetes Endocrinology Research Center Pilot & Feasibility Grant  
Project PI (Grant PI: Avruch) (\$30,000)  
The goal of this pilot project is to examine the clinical and economic outcomes of diabetes prevention and treatment through the development and validation of a novel diabetes simulation model.



## Current

- 2011-2020 Novel Methods to Inform HIV/TB Clinical Trial Development  
NIH/NIAID, R37AI093269-MERIT  
Principal Investigator (\$4,098,782)  
In collaboration with the ACTG, the focus of this study will be to apply novel microsimulation methods to evaluate trials under development for efficiency and to optimize the value of trials that are ultimately conducted.
- 2004-2023 Optimizing HIV Care in Less Developed Countries  
NIH/NIMH, R37AI058736 MERIT  
Co-Investigator (PI: Freedberg)  
This study will assess the clinical impact, cost, and cost-effectiveness of alternative strategies for HIV management in South Africa, Brazil, India, and Côte d'Ivoire.
- 2006-2020 NIH Adult AIDS Clinical Trials Group (AACTG)  
NIH/NIAID, U01AI068636  
Co-Investigator (PI: Kuritzkes)  
The goal of this project is to conduct cost-effectiveness studies alongside selected ACTG trials using the CEPAC model. Modeling studies will use efficacy and cost data from the clinical trials to project long-term clinical outcomes and costs, and to evaluate the cost-effectiveness of the clinical trial interventions.
- 2012-2021 Impact Evaluation of Combination HIV Prevention Interventions in Botswana  
Centers for Disease Control and Prevention (RFA GH11-006/U2GGH001911)  
Site Principal Investigator (PI: Essex) (\$682,653)  
The Cost-Effectiveness of Preventing AIDS Complications (CEPAC) group and HSPH will evaluate the impact and cost-effectiveness of combination HIV prevention strategies in Botswana. The prevention strategies to be studied include enhanced HIV testing and counseling (HTC), adult male circumcision (MC), antiretroviral therapy (ART) for individuals qualifying by local guidelines, ART-for-prevention in individuals with high HIV load (regardless of CD4), and prevention of mother-to-child transmission (PMTCT).
- 2014-2019 Improving Outcomes for HIV-Infected Children in South Africa and Côte d'Ivoire  
NIH/NICHHD, R01HD079214  
Co-Investigator (PI: Ciaranello)  
The goals of this project are to determine the most effective and efficient strategies for early infant HIV diagnosis and to investigate and project the clinical outcomes and cost-effectiveness of ART initiation strategies in HIV-infected children.
- 2014-2019 Novel Approaches to the Design and Evaluation of Combination HIV Prevention  
NIH/NIAID, R01AI112340  
Site Principal Investigator (PI: Paltiel) (\$1,167,245)  
This study will use novel mathematical modeling methods to examine combination HIV prevention and new methods to examine the value of economic incentives to improve HIV outcomes including linkage, retention and adherence.

- 2015-2020 Novel Approaches to Clinical Trial Design and Development  
MGH Executive Committee on Research, MGH Research Scholar Award  
Principal Investigator (\$434,785)  
The purpose of this project is to use novel microsimulation methods to inform the prioritization, development, and policy value of randomized controlled trials. Dr. Walensky will extend and expand this novel modeling methodology to other research areas where MGH leads on a national level, specifically amyotrophic lateral sclerosis and diabetes.
- 2016-2021 Global TravEpiNet: Global Travelers' Health Surveillance, Applications, and Consortium Centers for Disease Control and Prevention, U01CK000175  
Co-Investigator (PIs: Ryan/LaRocque)  
This project supports web tools to facilitate optimizing health advice and immunization approaches for global international travelers, and incorporates a national consortium of global travelers' health research centers to assess vaccination strategies.
- 2016-2021 The Silver Tsunami: Projecting Multimorbidity, Polypharmacy, and Health Care Costs for Those Aging with HIV in the US  
NIH/NIA, R01AG053100 (Johns Hopkins University, prime)  
Site Principal Investigator (PI: Althoff) (\$485,067)  
The proposed research will use simulation modeling to project the annual costs of non-HIV-related healthcare among people living with HIV/AIDS and in care in the US.
- 2018-2019 Cost-effectiveness of Preventing HIV Complications (supplement: The Clinical and Economic Impact of Alzheimer's Disease and Alzheimer's Disease-Related Dementias in People with HIV)  
NIH/NIAID, R01AI042006  
Co-Investigator (PI: Freedberg)  
The purpose of this Administrative Supplement is to develop an expansion of the CEPAC-US model to: 1) investigate Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD), including clinical outcomes, quality of life, and associated costs of case and 2) project lifetime clinical, quality of life, and economic outcomes associated with AD/ADRD among people with HIV in the United States.
- Submitted**
- 2019-2024 Innovation Across the Spectrum of Pediatric HIV Care  
NIH/NICHHD, R01HD079214  
Co-Investigator (PI: Ciaranello)  
This award would support continuation of the CEPAC-Pediatric microsimulation model and evaluation of strategies for HIV diagnosis and treatment in Cote d'Ivoire, South Africa, and Zimbabwe.
- 2019 Electronic Cigarettes: Clinical and Economic Projections to Inform Policy  
National Institute for Health Care Management Foundation  
Co-Investigator (PI: Reddy)  
The objective of this project is to examine the potential impact, both beneficial and harmful, of electronic cigarette use on cigarette smoking behaviors, clinical outcomes, and

healthcare costs through the design and parameterization of a novel microsimulation model.

- 2019-2024    **Optimizing Pharmacotherapy for PLWH Smokers: A Modern Approach**  
NIH (Yeshiva University, prime)  
Multiple PI (PIs: Shuter/Walensky) (\$492,041)  
The goals of this project are to compare the efficacy of 12 vs. 24-week pharmacotherapy and of participant/provider-guided vs. nicotine metabolite ratio-guided treatment selection in a 2x2 factorial, prospective randomized controlled trial in PLWH smokers and to examine the incremental cost-effectiveness of the various tobacco treatment strategies, simulating the trial and projecting outcomes beyond the trial horizon, and to project the clinical and economic impact of these interventions when applied to the US PLWH population as a whole.
- 2019-2024    **The Implementation Science Center for Cancer Control Equity: Methods Unit**  
NIH/NCI (Harvard T.H. Chan School of Public Health, prime)  
Co-Investigator (PI: Emmons)  
The Methods Unit (MU) in this P50 NCI Implementation Research Center will involve community-based participatory research and community engaged approaches to address the following three specific aims: (1) conduct three pilot studies to address critical methodological areas in equity-focused cancer screening and prevention implementation research including specific implementation research methods development related to: a) naturally occurring and planned adaptation, b) observed and simulated cost-effectiveness of implementation strategies, and c) addressing missing data in EMR-based implementation measurement; (2) develop and support an Implementation Research Methods Incubator (IRMI) to identify critical methodological challenges and support the development of potential solutions; and (3) disseminate methodological advances and other center-generated resources by developing cancer screening and prevention equity-focused implementation methods resource toolkits for broad dissemination and methods training workshops.

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

#### **Prior to Current Harvard Appointment**

2001	Decision Analysis in Clinical Research 50-75 Graduate Students	Harvard School of Public Health Teaching Assistant 20 hours prep time, 20 hours contact time
2002	Faculty Seminar, “Modeling the HIV Epidemic in Africa,” Infectious Disease Epidemiology 15 Graduate Students	Harvard School of Public Health  Lecturer 3 hours prep time, 2 hours contact time

**During Current Harvard Appointment**

2007-	Epidemiology 294, Screening, “HIV Screening” 20 Graduate Students	Harvard School of Public Health Guest Lecturer 4 hours prep time, 1 lecture
2007-	Program in Clinical Effectiveness 8 Graduate Students	Harvard School of Public Health Guest Faculty, no prep time, 1 interactive session
2005-2009	Health Services Research Methods and Policy, “Decision Analysis and Cost-effectiveness Analysis” 10 Graduate Students	Boston University School of Public Health Guest Lecturer 2 hours prep time, 1 lecture
2010	Epidemiology 764: AIDS HIV Care in the US and Africa: From clinical trials and cohorts to policy 20 Graduate Students	Boston University School of Public Health Guest Lecturer 5 hours prep time, 1 lecture
2011	Epidemiology 256, Design and Conduct of HIV Prevention Trials 25 Graduate Students	Guest Lecturer, 10 hours prep time, 1 lecture

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2003	Primary Care Research Curriculum, “Decision Analysis/Cost-effectiveness Analysis” 15 Residents	Massachusetts General Hospital Lecturer 3 hours prep time, 4 lectures
2004	Center of Excellence in Minority Health Research Seminar Series, “Cost-effectiveness and Decision Analysis Research” 20 Fellows	Harvard Medical School 3 hours prep time, single 2-hour lecture
2004-	Minority Center of Excellence Research Seminar Series, 30 Physicians	Harvard Medical School 3 hours prep time, 1 lecture
2004-	Tools of Human Investigation, “Decision analysis and Cost-effectiveness Analysis” 15 Residents	Massachusetts General Hospital, 2 hours prep time, 4 lectures/year
2006-	Writing a K Award? Want to get it funded? 90 Fellows/Graduate Students	Center for AIDS Research, HMS 10 hours prep time/1 2-hour lecture/year
2007-2009	Decision Analysis/Cost-effectiveness Analysis 30 Fellows/Physicians	Massachusetts General Hospital Clinical Research Program, Design and Conduct of Clinical Trials 5 hour prep time, 1 lecture
2008	Informing HIV Policy in Africa: Results from the CEPAC International Model 10 Fellows/Graduate Students	Institute for Technology Assessment: PCORT Seminar 5 hours prep time/1 1-hour lecture
2009-	Applying for an NIH Career Development Award	Massachusetts General Hospital, Clinical Research Program

2009-	50 Fellows/Graduate Students Career Development Plans: Introductory Grant Course	10 hours prep time, 1 45 minute lecture/year Brigham and Women's Hospital/Children's Hospital Clinical Research Program
2009	75 Fellows/Graduate Students When to Start ART in Resource-Poor Settings 15 Residents	3 hours prep time, 1 30 minute lecture/year Massachusetts General Hospital, Global Health Resident Report 3 hours prep time, 1 30-minute lecture
2011	Scaling up WHO Recommendations for HIV Therapy in Resource-Limited Settings 15 Residents	Massachusetts General Hospital, Global Health Resident Report 3 hours prep time, 1 30-minute lecture

### **Clinical Supervisory and Training Responsibilities**

2001-	Attending Infectious Disease Service Brigham and Women's Hospital	Full-time, 6 weeks/year
2002	Faculty Mentor Medical House staff Brigham and Women's Hospital	3 meetings/year
2003	Faculty Mentor Medical House staff Massachusetts General Hospital	5 meetings/year
2010-	Faculty Mentor, Scholars in Clinical Science Program Harvard Medical School	2 fellows, 4 meetings/year

### **Laboratory and Other Research Supervisory and Training Responsibilities**

#### **Formally Supervised Trainees**

Charles Holmes, MD, MPH, Director and CEO of the Centre for Infectious Disease  
Research in Zambia  
Published 2 manuscripts and received a K-award

Ingrid Bassett, MD, MPH, Associate Professor in Medicine, Harvard Medical School  
(Infectious Disease)  
Mentored many publications (including 2010 Top Comparative Effectiveness paper of the  
Year at NIAID), K-award, R01, R21

Bisola Ojikutu, MD, Director, Office of International Program, Harvard Center for AIDS  
Research  
Assisted with single publication

Benjamin Linas, MD, MPH, Instructor in Medicine, Harvard Medical School (Infectious  
Disease)  
Co-authored several publications

Melissa Bender, MD, Assistant Professor University of Washington Medical Center  
Co-mentored on a single project during infectious disease research fellowship that resulted  
in publication

Alethea McCormick, ScD, Post-doctoral Research Fellow, Harvard School of Public Health

Mentored on a publication for her PhD thesis; work continues on a dynamic simulation model

Jennifer Millen, MD, MPH, Senior Resident, Brigham and Women's Hospital (Emergency Medicine)

Senior-authored a review of HIV screening that led to publication

Muriel Jean-Jacques, MD, MPH, Assistant Professor, Northwestern University School of Medicine (Internal Medicine)

Mentored on senior resident project that resulted in publication

Hazel Williams-Roberts, MD, Director, Community Based Health Services, Ministry of Health, St. Kitts, West Indies

Mentored on a summer clinical effectiveness project that resulted in publication

Christian Arbelaez, MD, MPH, Assistant Professor, Harvard Medical School (Emergency Medicine)

Mentored on areas of clinical research in the Emergency Department setting; senior-authored two papers of his that led to publication

Andrea Ciaranello, MD, MPH, Assistant Professor in Medicine, Harvard Medical School (Infectious Disease)

Active mentorship on numerous publications and her K-award, Claflin Award, Elizabeth Glaser Pediatrics AIDS Foundation and March of Dimes Foundation Award, R01

Michael April, DPhil, Rhodes Scholar, Oxford University, Assistant Residency Program Director for Research, San Antonio Uniformed Services Health Education Consortium, (Emergency Medicine)

Co-mentored his DPhil research while at Oxford and have continued in this role through mentoring his senior thesis at HMS and additional papers while he is a house officer; these activities have resulted in 3 publications

Mai Pho, MD, Clinical Associate of Medicine, University of Chicago (Infectious Disease)

Mentor during research fellowship; manuscript published

Mary Pisculli, MD, MPH

Mentored on research paper that resulted in publication

Julie Levison, MD, MPhil, Instructor in Medicine, MGH (Infectious Disease)

Ongoing mentorship during her research fellowship; manuscript published; K award

Jason Andrews, MD, Assistant Professor of Medicine, Stanford (Infectious Disease)

Ongoing mentorship during research fellowship; 3 papers published; K award mentor, R01, DP2

Erica Shenoy, MD, PhD, Instructor in Medicine, MGH (Infectious Disease)  
 Ongoing mentorship during research fellowship and as junior faculty; 11 manuscripts published; K award co-mentor

Kelli O’Laughlin, MD, MPH Instructor in Medicine, BWH (Emergency Medicine)  
 Ongoing mentor for a HIV screening project in a refugee camp in rural Uganda; recipient of 2012 CFAR Feasibility Award; manuscript published; K award funded 2016

Emily Hyle, MD, Instructor in Medicine, MGH (Infectious Diseases)  
 Ongoing mentorship as junior faculty; Recipient of 2014 CFAR Scholar Award; 5 manuscripts published; K award funded 2016

Kimberly Blumenthal, MD, Instructor in Medicine, MGH (Allergy/Immunology Fellow)  
 Ongoing mentorship as junior faculty; K award funded 2016

Krishna Reddy, MD, Research Fellow, MGH (Pulmonary/Critical Care Fellow)  
 Ongoing mentorship during research fellowship; K award funded 2016

Pooyan Kazemian, PhD, Research Fellow, MGH (Operations Researcher)  
 Mentorship on a model of diabetes mellitus; anticipated K submission 2019

Amir Mohareb, MD, Research Fellow, MGH (Infectious Diseases)  
 Ongoing mentorship during research fellowship

**Formal Teaching of Peers (e.g., CME and other continuing education courses)**

2001	Cost-Effectiveness in HIV Care AIDS Medicine: An Intensive Course	1 lecture (5 hrs prep time) Harvard Medical School, Boston
2002	HIV in Women AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2003	HIV in Women AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2004	HIV in Women AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2005	Current Controversies and Options in HIV Testing AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2006	Current Controversies and Options in HIV Testing AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2008	Current Controversies and Options in HIV Testing AIDS Medicine: An Intensive Course	1 lecture (10 hrs prep time) Harvard Medical School, Boston
2007	Implementation of New HIV Testing Guidelines HIV Management, The New York Course	½ hour lecture (5 hrs prep time) Albert Einstein College of Medicine, New York
2009	HIV Care in the US: From Cohorts and Trials to Policy International AIDS Society-USA	½ hour lecture (8 hrs prep time)  Chicago

2011	Top Ten Mentoring Tips Strategies that Work for Successful Mentoring: A Faculty Development Course for Mentors	Harvard Medical School, Boston 100 Faculty Members ½ hour lecture (3 hrs prep time)
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**Local Invited Presentations** *(To my knowledge, none of these talks were industry-sponsored events)*

2005	Routine, Voluntary HIV Testing: A Clinical and Economical Evaluation of National Guidelines/Medical Grand Rounds Department of Medicine, Massachusetts General Hospital
2006	The Case for Routine HIV Testing/Emergency Medical Grand Rounds Department of Emergency Medicine, Brigham and Women's Hospital
2007	HIV Testing and the USHER Experience/ HIV Journal Club Division of Infectious Disease, Brigham and Women's Hospital
2008	HIV Testing: Making the Revised Guidelines a Reality New England AIDS Education Training Center (NEAETC)
2008	HIV Testing and the USHER Experience/ HIV Journal Club Division of Infectious Disease, Brigham and Women's Hospital
2008	Universal Screening for HIV in the ER: The USHER Experience/ HIV Clinical Conference Division of Infectious Disease, Massachusetts General Hospital
2008	Informing HIV Policy in Africa: The Question of When to Start/ Research Conference Institute of Health Policy, Massachusetts General Hospital
2010	HIV Care in the US and Africa: From Cohorts and Trials to Policy/ Medical Grand Rounds Department of Medicine, Massachusetts General Hospital

**Report of Regional, National and International Invited Teaching and Presentations**

**Invited Presentations and Courses**

**Regional**

2003	Think HIV/ Medical Grand Rounds Cambridge Hospital, Cambridge, MA
2014	Boston Medical Center, Division of Infectious Disease, Grand Rounds
2014	Garabedian Lecture, Grand Rounds Mount Auburn Hospital, Cambridge, MA
2015	MGH Research Administrator's Retreat, Boston, MA
2018	And Sometimes Things Go Sideways, Harvard Medical School Leadership Development Course

**National**

2003	Using Cost-effectiveness Analysis to Set Priorities in HIV Counseling, Testing and Referral/ Invited Lecture Turning Research into Progress (TRIP) Conference Centers for Disease Control and Prevention Atlanta, GA
2003	The Clinical Impact and Cost-effectiveness of HIV CTR: From Guidelines to Standard of Care/ Invited Lecture Centers for Disease Control and Prevention, Atlanta, GA
2004	Scaling Up Antiretroviral Therapy in Resource Poor Countries: the Impact of Speed on Survival, International AIDS Conference/ Invited Lecture, Satellite Symposium



- 2005 National Institute on Drug Abuse, Mexico City, Mexico  
The Case for Routine Voluntary HIV Testing: Health Benefits and Cost-effectiveness/  
Invited Lecture
- 2005 National Institute on Drug Abuse, Bethesda, MA  
The Case for Routine HIV Testing/ Invited Lecture, National Press Club
- 2006 National Institute on Drug Abuse, Washington, DC  
Opportunities for Improving HIV Diagnosis, Prevention, and Access to Care in the US/  
Invited Presentation  
HIV Summit, Washington, DC
- 2007 The Johns Hopkins Hospital/Medical Grand Rounds  
Baltimore, MD
- 2008 Montefiore Medical Center/ Infectious Disease Grand Rounds  
New York, NY
- 2010 Center for AIDS Research, University of Pennsylvania/ CFAR Conference  
Philadelphia, PA
- 2010 IDSA: Center for Global Health/ HIV Testing and Treatment: The Magnitude of the  
Impact  
Press Conference, The Capitol, Washington, DC
- 2010 Opportunities for Improving HIV Diagnosis, Prevention, and Access to Care in the US/  
Invited Presentation: Test and Treat, Clinical Importance  
HIV Summit, Washington, DC
- 2010 Opportunities for Improving HIV Diagnosis, Prevention, and Access to Care in the  
US/Invited Presentation: Test and Treat: Policy and Economic Impact  
HIV Summit, Washington, DC
- 2011 University of Alabama/CFAR Symposium  
Birmingham, AL
- 2011 Center for AIDS Research, University of North Carolina/CFAR Symposium  
Chapel Hill, NC
- 2012 Doris Duke Charitable Foundation: Clinical Scientist Meeting  
Chicago, IL
- 2012 American Society of Clinical Investigation, New Member Selected Speaker  
Chicago, IL
- 2012 DC D-Center for AIDS Research City-wide Seminar  
Washington, DC
- 2012 NIAID Grand Rounds: Modeling in Infectious Diseases: Linking Clinical Research to  
Outcomes and Policy  
Bethesda, MD
- 2013 Johns Hopkins University School of Medicine, Center for AIDS Research, Baltimore, MD
- 2013 Albert Einstein College of Medicine, Montefiore Medical Center, Infectious Disease  
Grand Rounds, Bronx, NY
- 2014 Medical University of South Carolina, Infectious Disease Grand Rounds, Charleston, SC
- 2014 Dr. Francis Collins, Advisory Council to the Director, Bethesda, MD
- 2014 Uniformed Services, University of the Health Sciences, Military Tropical Medicine  
Course, Bethesda, MD
- 2014 Arthur Ashe Endowment AIDS Lecture, Cornell University, New York, New York
- 2015 Emory School of Medicine, ID Seminar, Atlanta, GA

- 2015 Forum for Women in Internal Medicine, Academic Women's Network, Washington University in St. Louis, St. Louis, MO
- 2017 HIV and Cost Considerations: Entering a New Era...in the US, IDWeek, San Diego, CA
- 2018 Beth Israel Deaconess Medical Center, Robert C. Moellering Jr. Infectious Diseases Visiting Professorship
- 2018 Enders Lecture: The Costs of the Drugs We Use: Branded, Generic and Why We Should Care, IDWeek, San Francisco, CA

### **International**

- 2004 The Missing Link: The Importance of Linkage to Care in the HIV Testing Paradigm/Symposium, Invited Lecture  
Third International Conference on Urban Health, Boston, MA
- 2006 Three Million Years of Life Saved: The Survival Benefit of AIDS Therapies in the United States/ Invited Lecture  
International Association of Physician's in AIDS Care (IAPAC), North American Sessions 2006, Chicago, IL
- 2006 Three Million Years of Life Saved: The Survival Benefit of AIDS Therapies in the United States, Decade of HAART/ Plenary Address  
International Association of Physician's in AIDS Care (IAPAC), San Francisco, CA
- 2008 HIV Care in the US and Africa: From HIV Cohorts to Policy/The Richard Doll Seminar  
Invited Presentation  
Oxford University, Department of Public Health, Oxford, UK
- 2009 Cost-effectiveness of Laboratory Monitoring in Resource-Limited Settings/ Invited Symposium Speaker  
5<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention, Cape Town, South Africa
- 2010 Changing Course: Stemming the Deadly Twin Epidemics of HIV and Tuberculosis/  
Invited Press Conference Speaker  
The Center for Global Health Policy: IDSA/HIVMA, Washington, DC
- 2010 NIMH: HIV Testing: Global Challenges, Global Strategies, Global Impact/ Invited Symposium Speaker  
Preconference to: XVIII International AIDS Conference, Vienna, Austria
- 2010 Infectious Disease Society of America/ Invited Symposium Speaker  
Global HIV Prevention and Treatment: Test and Treat, Vancouver, Canada
- 2010 Infectious Disease Society of America/ Poster Rounds Discussant  
Group Leader: HIV, Vancouver, Canada
- 2011 Conference on Retroviruses & Opportunistic Infectious/ Plenary Speaker  
Cost-effectiveness in HIV Care: Understanding Value in a World of Limited Resources, Boston, MA
- 2011 Epidemics3/World AIDS Day Plenary  
HIV Care in the US and Africa: Model-based Analyses to Impact Policy, Boston, MA
- 2013 7<sup>th</sup> Netherlands Conference on HIV Pathogenesis, Epidemiology, Prevention and Treatment. Understanding the Value of HIV Interventions: From Prevention to Generic ART. Amsterdam, Netherlands
- 2016 UN High Level Meeting on HIV/AIDS – STAC: The Anticipated Clinical and Economic Effects of 90-90-90 in South Africa, New York, NY

- 2018 UNAIDS STAC Meeting: What is the Role of PrEP in an Era of 90-90-90? Boston, MA and Geneva, Switzerland
- 2019 International Workshop on HIV & Hepatitis Observational Databases (IWHOD): Leveraging HIV Cohorts to Influence Policy Athens, Greece

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Certification**

- 1995 Diplomate, National Board of Medical Examiners
- 1998 Diplomate, American Board of Internal Medicine
- 1998 Licensure, Massachusetts Board of Registration in Medicine
- 2000 Diplomate, American Board of Internal Medicine, subspecialty of Infectious Disease
- 2010 Recertified-Diplomate, American Board of Internal Medicine, subspecialty of Infectious Disease

### **Practice Activities**

- |       |                   |   |   |
|-------|-------------------|---|---|
| 2001- | Consult Service   | Infectious Disease Inpatient consult service, Brigham and Women's Hospital and Massachusetts General Hospital | 5-6 weeks/year, covering approximately 3-6 new consults and 15-20 follow-up patients per day.                       |
| 2001  | Outpatient clinic | Brigham and Women's Hospital  | Outpatient infectious disease clinic provides primary and specialty care to approximately 50 HIV-infected patients. |

## **Report of Scholarship**

### **Publications**

#### **Peer reviewed publications in print or other media**

1. **Walensky RP**, Rosenberg ES, Ferraro MJ, Losina E, Walker BD, Freedberg KA. Investigation of primary HIV infection in patients with positive heterophile antibody tests. *Clin Infect Dis.* 2001; 33:570-572.
2. Vidrih JA, **Walensky RP**, Sax PE, Freedberg KA. Positive Epstein-Barr virus heterophile antibody tests in patients with primary human immunodeficiency virus infection. *Am J Med.* 2001; 111:192-194.
3. **Walensky RP**, Moore R. A case series of 59 patients with nocardiosis: presentation and outcomes. *Infect Dis Clin Pract.* 2001; 10:249-254.
4. **Walensky RP**, Losina E, Steger-Craven KA, Freedberg KA. Identifying undiagnosed HIV: the yield of routine, voluntary inpatient HIV testing. *Arch Intern Med.* 2002; 162:887-892.
5. **Walensky RP**, Paltiel AD, Freedberg KA. AIDS drug assistance programs: highlighting inequities in human immunodeficiency virus-infection health care in the United States. *Clin Infect Dis.* 2002; 35:606-610.

6. **Walensky RP**, Goldie SJ, Sax PE, Weinstein MC, Paltiel AD, Kimmel AD, Seage GR, Losina E, Zhang H, Islam R, Freedberg KA. Treatment of primary HIV infection: projecting outcomes of immediate, interrupted or delayed therapy. *J Acquir Immune Defic Syndr*. 2002; 31:27-37.
7. Holmes CB, Losina E, **Walensky RP**, Yazdanpanah Y, Freedberg KA. Review of human immunodeficiency virus type 1-related opportunistic infections in sub-Saharan Africa. *Clin Infect Dis*. 2003; 36:652-662.
8. Goldie SJ, Paltiel AD, Weinstein MC, Losina E, Seage GR 3rd, Kimmel AD, **Walensky RP**, Sax PE, Freedberg KA. Projecting the cost-effectiveness of adherence interventions in persons with human immunodeficiency virus infection. *Am J Med*. 2003; 115:632-641.
9. Losina E, Islam R, Pollock A, Sax PE, Freedberg KA, **Walensky RP**. Effectiveness of antiretroviral therapy after protease inhibitor failure: an analytic overview. *Clin Infect Dis*. 2004; 38:1613-1622.
10. **Walensky RP**, Losina E, Skolnik PR, Hall JM, Malatesta L, Barton GE, O'Connor CA, McGuire JF, Freedberg KA. Voluntary HIV testing as part of routine medical care, Massachusetts 2002. *Morb Mort Wkly Rep*. 2004; 53:523-526.
11. Bassett IV, Freedberg KF, **Walensky RP**. Two drugs or three? Balancing efficacy, toxicity, and resistance for occupational HIV post-exposure prophylaxis. *Clin Infect Dis*. 2004; 39:395-401.
12. **Walensky RP**, Paltiel AD, Goldie SJ, Gandhi RT, Weinstein MC, Seage GS, Smith HE, Zhang H, Freedberg KA. A therapeutic HIV vaccine: how good is good enough? *Vaccine*. 2004; 22:4044-4053.
13. **Walensky RP**, Losina E, Malatesta L, Barton GE, O'Connor CA, Skolnik PR, Hall JM, McGuire JF, Freedberg KA. Effective HIV case identification through routine HIV screening at urgent care centers in Massachusetts. *Am J Public Health*. 2005; 95:71-73.
14. Paltiel AD, Weinstein MC, Kimmel AD, Seage GR, Losina E, Zhang H, Freedberg KA, **Walensky RP**. Expanded HIV screening in the United States – A cost-effectiveness analysis. *N Eng J Med*. 2005; 352:586-95.
15. **Walensky RP**, Weinstein MC, Kimmel AD, Seage GR, Losina E, Sax PE, Zhang H, Smith HE, Freedberg KA, Paltiel AD. Routine HIV testing: an economic evaluation of current guidelines. *Am J Med*. 2005; 118:292-300.
16. **Walensky RP**, Weinstein MC, Smith HE, Freedberg KA, Paltiel AD. Optimal allocation of testing dollars: the example of HIV counseling, testing, and referral. *Med Dec Making*. 2005; 25:321-329.
17. Kimmel AD, Goldie SJ, **Walensky RP**, Losina E, Weinstein MC, Paltiel AD, Zhang H, Freedberg KA. Optimal Frequency of CD4 cell count and HIV RNA monitoring prior to initiation of antiretroviral therapy in HIV-infected patients. *Antivir Ther*. 2005; 10:41-52.
18. Sax PE, Losina E, Weinstein MC, Paltiel AD, Goldie SJ, Muccio TM, Kimmel AD, Zhang, H, Freedberg KA, **Walensky RP**. Cost-effectiveness of Enfuvirtide (ENF) in treatment-experienced patients with advanced HIV disease. *J Acquir Immune Defic Syndr*. 2005; 39:69-77.

19. Yazdanpanah Y, Losina E, Anglaret X, Goldie SJ, **Walensky RP**, Weinstein MC, Toure S, Smith HE, Kimmel AD, Zhang H, N'Dri-Yoman T, Salamon R, Kaplan JE, Freedberg KA. Clinical impact and cost-effectiveness of co-trimoxazole prophylaxis in patients living with HIV/AIDS in Côte d'Ivoire: a trial-based analysis. *AIDS*. 2005; 19:1299-1308.
20. Sax PE, Islam R, **Walensky RP**, Losina E, Weinstein MC, Goldie SJ, Sadownik SN, Freedberg KA. Should resistance testing be performed in treatment naïve HIV-infected patients? A cost-effectiveness analysis. *Clin Infect Dis*. 2005; 41:1316-1323.
21. Liddicoat RV, Losina E, Kang M, Freedberg KA, **Walensky RP**. Refusing HIV testing in an urgent care setting: results from the "Think HIV" program. *AIDS Patient Care STDS*. 2006; 20:84-92.
22. Linas B, Zheng H, Losina E, **Walensky RP**, Freedberg KA. Assessing the impact of federal HIV education and prevention spending. *Am J Pub Health*. 2006; 96:1038-1043.
23. **Walensky RP**, Paltiel AD, Losina E, Mercincavage LM, Schackman BR, Sax PE, Weinstein MC, Freedberg KA. The survival benefit of AIDS treatment in the United States. *J Infect Dis*. 2006; 194:11-19.
24. Holmes CB, Zheng H, Martinson NA, Freedberg KA, **Walensky RP**. Optimizing treatment for HIV-infected South African women exposed to single-dose Nevirapine: balancing efficacy and cost. *Clin Infect Dis*. 2006; 42:1772-1780.
25. Cohen T, Lipsitch M, **Walensky RP**, Murray M. Beneficial and perverse effects of isoniazid preventive therapy for latent tuberculosis infection in HIV-TB co-infected populations. *Proc Natl Acad Sci*. 2006; 103:7042-7047.
26. Losina E, Anglaret X, Yazdanpanah Y, Toure S, Seage GR, N'Dri-Yoman T, **Walensky RP**, Dakoury-Dogbo N, Goldie SJ, Messou KE, Weinstein MC, Salamon R, Freedberg KA. The impact of a history of opportunistic diseases on chronic HIV mortality in HIV patients in Côte d'Ivoire. *S Afr Med J*. 2006; 96:526-529.
27. Wertheimer BZ, Freedberg KA, **Walensky RP**, Yazdanpanah Y, Losina E. Therapeutic monitoring in HIV treatment: a literature review. *HIV Clin Trials*. 2006; 7:59-69.
28. Schackman BR, Gebo KA, **Walensky RP**, Losina E, Muccio TM, Sax PE, Weinstein MC, Seage GR, Moore RD, Freedberg KA. The lifetime cost of current HIV care in the United States. *Med Care*. 2006; 44:990-7.
29. Linas BP, Zheng H, Losina E, Rockwell A, **Walensky RP**, Cranston K, Freedberg KA. Optimizing resource allocation in United States AIDS drug assistance programs. *Clin Infect Dis*. 2006; 43:1357-64.
30. **Walensky RP**, Paltiel AD. Rapid HIV testing at home: does it solve a problem or create one? *Ann Intern Med*. 2006; 145:459-62.

31. Paltiel AD, **Walensky RP**, Schackman BR, Seage GR, Mercincavage LM, Weinstein MC, Freedberg KA. Expanded HIV screening in the United States: effect on clinical outcomes, HIV transmission, and costs. *Ann Intern Med.* 2006; 145:797-806.
32. Goldie SJ, Yazdanpanah Y, Losina E, Weinstein MC, Anglaret X, **Walensky RP**, Smith HE, Kimmel AD, Holmes CB, Kaplan JE, Freedberg KA. Cost-effectiveness of HIV treatment in resource-poor settings: the case of Côte d'Ivoire. *N Engl J Med.* 2006; 355:1141-53.
33. Losina E, **Walensky RP**, Geller A, Beddingfield FC, Wolf LL, Gilchrist BA, Freedberg KA. Visual screening for malignant melanoma: a cost-effectiveness analysis. *Arch Dermatol.* 2007; 143:21-28.
34. Wolf LL, **Walensky RP**. Testing for HIV infection in the United States. *Curr Infect Dis Rep.* 2007; 9:76-82.
35. McCormick AW, **Walensky RP**, Lipsitch M, Losina E, Hsu H, Weinstein MC, Paltiel AD, Freedberg KA, Seage GR. The effect of antiretroviral therapy on secondary transmission of HIV among men who have sex with men. *Clin Infect Dis.* 2007; 44:1115-22.
36. **Walensky RP**, Weinstein MC, Yazdanpanah Y, Losina E, Mercincavage LM, Touré S, Divi N, Anglaret X, Goldie SJ, Freedberg KA. HIV drug resistance surveillance for prioritizing treatment in resource limited settings. *AIDS.* 2007; 21:973-982.
37. Freedberg KA, Kumarasamy N, Losina E, Cecelia AJ, Scott CA, Divi N, Flanigan TP, Lu Z, Weinstein MC, Wang B, Ganesh AK, Bender MA, Mayer KA, **Walensky RP**. Clinical impact and cost-effectiveness of antiretroviral therapy in India: starting criteria and second-line therapy. *AIDS.* 2007; 21:(S117-1228).
38. **Walensky RP**, Freedberg KA, Weinstein MC, Paltiel AD. Cost-effectiveness of HIV testing and care in the United States. *Clin Infect Dis.* 2007; 45 S4:S248-54.
39. Bassett IV, Giddy J, Nkera J, Wang B, Losina E, Lu Z, Freedberg KA, **Walensky RP**. Routine voluntary HIV testing in Durban, South Africa: the experience from an outpatient department. *J Acquir Immune Defic Syndr.* 2007; 46:181-6.
40. Yazdanpanah Y, Vray M, Meynard JL, Losina E, Weinstein MC, Morand-Joubert L, Goldie SJ, Hsu HE, **Walensky RP**, Dalban C, Sax PE, Girard PM, Freedberg KA. The long-term benefits of genotypic resistance testing in patients with extensive prior antiretroviral therapy: a model-based approach. *HIV Med.* 2007; 8:439-50.
41. Millen JC, Arbelaez C, **Walensky RP**. Implications and impact of the Centers for Disease Control and Prevention (CDC) new HIV testing guidelines. *Curr Infect Dis Rep.* 2008; 10:157-63.
42. Waisbrain SE, Bowles H, Zhou KH, Emans SJ, Goldberg C, Gould S, Levine D, Lieberman E, Loeken M, Longtine J, Nadelson C, Patenaude AF, Quinn D, Randolph AG, Solet JM, Ullrich N, **Walensky R**, Weitzman P, Christou H. Gender differences in research grant applications and funding outcomes for medical school faculty. *J Womens Health (Larchmt).* 2008; 17:207-214.

43. Ojikutu B, Zheng H, **Walensky RP**, Lu Z, Losina E, Giddy J, Freedberg KA. Predictors of mortality in patients initiating antiretroviral therapy in Durban, South Africa. *S Afr Med J*. 2008; 98:204-8.
44. Jean-Jacques M, **Walensky RP**, Aaronson WH, Chang Y, Freedberg KA. Late diagnosis of HIV infection at two academic medical centers: 1994-2004. *AIDS Care*. 2008;17:1-7.
45. **Walensky RP**, Wood R, Weinstein MC, Martinson NA, Losina E, Fofana M, Goldie SJ, Divi N, Yazdanpanah Y, Wang B, Paltiel AD, Freedberg KA. Scaling up antiretroviral therapy in South Africa: the impact of speed on survival. *J Infect Dis*. 2008; 197:1324-32.
46. Bassett IV, Farel C, Szmuiłowicz ED, **Walensky RP**. AIDS drug assistance programs in the era of routine HIV testing. *Clin Infect Dis*. 2008; 47:695-701.
47. Bassett IV, Giddy J, Wang B, Lu Z, Losina E, Freedberg KA, **Walensky RP**. Routine, voluntary HIV testing in Durban, South Africa: predictors of HIV infection. *HIV Med*. 2008; 9:863-867.
48. Schackman BR, Scott CA, **Walensky RP**, Losina E, Freedberg KA, Sax PE. The cost-effectiveness of HLA-B\*5701 genetic screening to guide initial antiretroviral therapy for HIV. *AIDS*. 2008; 22:2025-33.
49. **Walensky RP**, Arbelaez C, Reichmann WM, Walls RM, Katz JN, Block BL, Dooley M, Hetland A, Kimmel S, Solomon J, Losina E. Revisiting expectations from rapid HIV tests in the emergency department. *Ann Intern Med*. 2008; 149:153-60.
50. **Walensky RP**, Freedberg KF, Weinstein MC. Monitoring of antiretroviral therapy in resource-limited settings. (letter) *Lancet*. 2008;372:288.
51. Ciaranello AL, Seage GR, Freedberg KA, Weinstein MC, Lockman S, **Walensky RP**. Antiretroviral drugs for preventing mother-to-child transmission of HIV in sub-Saharan Africa: balancing efficacy and infant toxicity. *AIDS*. 2008; 22:2359-2369.
52. Paltiel AD, Freedberg KA, Scott CA, Schackman BR, Losina E, Wang B, Seage GR, Sloan CE, Sax PE, **Walensky RP**. HIV pre-exposure (PrEP) in the United States: impact of lifetime infection risk, clinical outcomes, and cost-effectiveness. *Clin Infect Dis*. 2009; 48:806-15.
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58. Linas BP, Losina E, Rockwell A, **Walensky RP**, Cranston K, Freedberg KA. Improving outcomes in state AIDS drug assistance programs. *J Acquir Immune Defic Syndr*. 2009; 51:513-21.
59. **Walensky RP**. Cost-effectiveness of HIV interventions: from cohort studies and clinical trials to policy. *Top HIV Med*. 2009; 17:130-4.
60. **Walensky RP**, Wolf LL, Wood R, Fofana MO, Freedberg KA, Martinson NA, Paltiel AD, Anglaret X, Weinstein MC, Losina E. When to start antiretroviral therapy in resource-limited settings. *Ann Intern Med* 2009; 151:157-66.
61. Ciaranello AL, Chang Y, Margulis AV, Bernstein A, Bassett IV, Losina E, **Walensky RP**. Effectiveness of pediatric antiretroviral therapy in resource-limited settings: a systematic review and meta-analysis. *Clin Infect Dis*. 2009; 49(12):1915-27.
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67. Bender MA, Nagalingeswaran K, Mayer KH, Wang B, **Walensky RP**, Flanigan T, Schackman BR, Scott CA, Lu Z, Freedberg KA. The cost-effectiveness of tenofovir as first-line antiretroviral therapy in India. *Clin Infect Dis*. 2010; 50:416-425.
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70. Williams-Roberts H, Chang Y, Losina E, Freedberg KA, **Walensky RP**. Frequent HIV testing among participants of a routine HIV testing program. *Virulence*. 2010; 1(2):68-71.
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### **Non-peer reviewed scientific or medical publications/materials in print or other media**

#### **Clinical Contributions (peer-reviewed)**

1. **Walensky RP**, Venbrux AC, Prescott CA, Osterman FA Jr. Pseudomyxoma peritonei: pictorial essay. *Am J Roentgenol* 1996; 167:471-474.
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#### **Other Contributions (not peer-reviewed)**

1. **Walensky RP**. An added value of rapid testing: improved quality of care, *AIDS Clinical Care*. October 26, 2005.
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## **Book Chapters**

1. Beck E, **Walensky RP**. “The Outcome and Impact of Ten Years of HAART” In *A Decade of HAART: Historical Perspectives and Future Directions*. Editors: Bartlett JG, Lange JMA, Whiteside A, Zuniga JM, Ghaziani A.

## **Narrative Report (limit to 500 words)**

My research is guided by a belief that the clinical and economic outcomes of medical decisions can be improved through the explicit articulation of choices and assumptions, the systematic assembly of evidence, the careful assessment of comparative costs and benefits, and the formal analysis of uncertainties. I have focused the methods of decision science, Monte Carlo mathematical simulation and cost-effectiveness analyses to promote access to HIV care in the US and internationally.

In 2006, I led an analysis evaluating the years of life saved in the United States from AIDS care and noted that these benefits of care are only achievable for those who are aware of their HIV infection; the resulting publication noted that 3 million years of life have been saved from AIDS therapies. This paper was nominated as one of the “Top 10” papers of 2006 at NIAID and was also cited in the December 4, 2006 issue of Times Magazine article entitled “*The Year in Medicine A-Z*.”

I have also demonstrated that routine, voluntary HIV testing is effective and cost-effective in clinical settings in the US. In 2005, I senior-authored a paper in the *New England Journal of Medicine* to address the question of the clinical and economic value of routine HIV testing. This paper was cited by NIMH as one of the “Top 10” papers of the year and has been held up as a standard for evidence toward the changing of the CDC’s guidelines on routine HIV testing in the US. I have since secured NIMH R01 funding to implement the first randomized clinical trial of alternative strategies for HIV testing protocols in an emergency department setting.

Recognizing the global impact of HIV disease, I have more recently expanded my research focus on the international agenda with active collaborative research teams in France, Côte d’Ivoire, India, South Africa, Brazil, Mozambique and Zimbabwe. I have published on the essential expansion of PEPfAR and on alternative strategies of HIV scale-up in South Africa -- work that has been cited by Desmond Tutu in his editorial in *The New York Times* and prompted a meeting in Boston with the US Ambassador to South Africa, Eric M. Bost. My international efforts, both in economic evaluation and in mentorship of epidemiologic studies in South Africa, remain a critical part of my current research activities; I have recently presented results of this work at the United Nations High-Level Meeting on HIV/AIDS (June 2016). I have been a member of the WHO ART Guidelines Committees and, in 2011, I was selected to the DHHS Panel on Antiretroviral Guidelines for Adults and Adolescents as well as to the American Society of Clinical Investigation (ASCI). In 2011, I was also selected by DHHS Secretary Kathleen Sebelius to serve on the Office of AIDS Research Advisory Council (OARAC) and in 2014-

15, I served as the OARAC Chair. In this role, I was asked to present (June 2014) to Dr. Francis Collins and the Advisory Council to the Director (ACD) results of the OARAC Working Group Report entitled “Optimizing NIH HIV/AIDS research in a time of budget constraints 2014” (<http://videocast.nih.gov/summary.asp?Live=14128&bhcp=1>).

Beyond my research, I maintain a strong commitment to faculty gender and racial diversity. I am an active member of the Office of Women’s Careers at MGH, and have previously served on the Joint Committee on the Status of Women at Harvard Medical School. I have stood as a resource for women from all divisions on issues from negotiating pregnancy to maternity leave to “juggling it all.” In 2009-10, I was selected by Harvard Dean of the Medical School, Jeffrey Flier, MD, to serve on his Task Force on Faculty Development and Diversity, and more recently to serve on the Dean’s Advisory Committee on Implementation of the Task Force’s recommendations. My mentorship activities, especially of women, have been recognized through numerous awards at both Harvard Medical School (Young Mentor Award [2010] and the Clifford A. Barger Mentorship Award [2016]) and at Massachusetts General Hospital (John F. Potts, Jr. MD Faculty Mentoring Award [2018]).

In September 2017, I became the third-ever Chief of Infectious Diseases at Massachusetts General Hospital where I see my primary goal is to execute the 4 hospital missions – excellence in patient care, teaching, research and community engagement – within our division; In the process I work to support an exceptional faculty, each individually stellar in at least two of these dimensions. I attend three two-week blocks each year on the inpatient Infectious Disease Service at MGH, during which time patient care becomes my highest priority. I participate in a weekly infectious disease case conference as well as an HIV clinical conference year-round.