

ERAN BENDAVID, MD MS
CURRICULUM VITAE

General Information

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EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution</u>	<u>Location</u>
1993-1996	AB (Chemistry, Philosophy) <i>summa cum laude</i> , Phi Beta Kappa	Dartmouth College	Hanover, NH
1997-2001	MD	Harvard Medical School	Boston, MA
2006-2009	MS (Health Services) Focus on cost-effectiveness analysis, health economics, disease modeling, and outcomes evaluation	Stanford University	Stanford, CA

CLINICAL TRAINING

<u>Years</u>	<u>Position</u>	<u>Institution</u>
2003-2004	Intern in Internal Medicine	Hospital of the University of Pennsylvania
2004-2005	Resident in Internal Medicine	Stanford Hospital and Clinics
2005-2006	Fellow in Infectious Diseases	Stanford Hospital and Clinics

RESEARCH TRAINING

<u>Years</u>	<u>Position</u>	<u>Institution</u>
2006-2009	Research Fellow, Infectious Diseases	Stanford University
2006-2009	Research Fellow, Health Policy Mentors: Douglas K. Owens, Alan M. Garber, Margaret L. Brandeau, Jay Bhattacharya	Stanford University

TEACHING EXPERIENCE

<u>Years</u>	<u>Contribution</u>
1994-5	Organic Chemistry (TA), Department of Chemistry, Dartmouth College
1995-1996	Inorganic Chemistry (TA), Department of Chemistry, Dartmouth College
1995-1996	Reason and Argument (TA), Department of Philosophy, Dartmouth College
2008	Living in a Microbial World, Stanford Continuing Studies, proposed, created, and taught course
2008-2009	Decision and Cost-Effectiveness Analysis, Department of Biostatistics and Epidemiology, University of California, San Francisco. Co-director with Prof. James G. Kahn, including lectures and supervision of graduate student projects

NON-ACADEMIC APPOINTMENTS

<u>Years</u>	<u>Position</u>	<u>Institution</u>
1993-1994	Assistant Editor, <i>Vox</i>	Dartmouth College
1995-1996	Undergraduate Advisor	Dartmouth College
2001-2003	Project Director	Institute for Health Policy, MGH
2006-	Research Fellow, Health Policy	Stanford University
2006-	Research Fellow, Infectious Diseases	Stanford University
2007-2008	Chief Fellow, Infectious Diseases	Stanford University

ACADEMIC AND CLINICAL APPOINTMENTS

<u>Years</u>	<u>Position</u>	<u>Institution</u>
2006-2008	Physician, HIV Medicine	Santa Clara Valley Medical Center
2006-2008	Fee-based Attending Physician	Palo Alto VA Medical Center
2008-	Clinical Instructor, HIV	University of California, San Francisco

2009- Instructor, General Internal Medicine Stanford University

LICENSURE AND CERTIFICATION

2003-2004 Pennsylvania Training License #MT182345
2004- California Medical License #A89110
2004- DEA License #BB9069851
2006- American Board of Internal Medicine (ABIM)
2008- Board certified in Infectious Diseases

PROFESSIONAL SOCIETIES

<u>Years</u>	<u>Position</u>	<u>Society</u>
2004-	Associate	American College of Physicians
2005-2009	Member-In-Training	Infectious Diseases Society of America
2006-	Member	Society for Medical Decision Making
2007-2008	Member	American Public Health Association

JOURNAL PEER REVIEWER

<u>Year started</u>	<u>Journal Name</u>
2007	Medical Decision Making
2007	Management Science
2007	Antiviral Therapy
2008	Journal of Epidemiology and Community Health
2008	PharmacoEconomics
2008	PLoS ONE
2008	PLoS Medicine
2008	New England Journal of Medicine
2009	Annals of Internal Medicine
2009	Lancet

AWARDS AND HONORS

<u>Year</u>	<u>Award Name</u>
1993-1995	Rufus Choate Scholar, Dartmouth College
1996	<i>Summa cum laude</i> , Dartmouth College
1996	Phi Beta Kappa, Dartmouth College
1996	Department of Chemistry Award for Outstanding Major, Dartmouth College
1997-2001	Alfred K. Priest Scholarship, Harvard Medical School
1999	Dean's Community Service Award, Harvard Medical School
2001-	Aesculapian Society Alumnus, Harvard Medical School
2006	Jack Remington Award for Clinical Excellence in Infectious Diseases
2007-	National Institutes of Health Loan Repayment Award Recipient
2007	APHA David Rosenstein Award for Best Student Abstract

MENTORSHIP AND SUPERVISION

I. DOCTORAL STUDENTS

Piya Sorcar, PhD, School of Education, HIV/AIDS Education With Cultural Relevance in India and Korea

Eva Enns, PhD, Electrical Engineering, Modeling and estimating the comparative effectiveness and cost-effectiveness of strategies to reduce concurrent sexual partnerships for HIV prevention in Africa

II. MEDICAL STUDENTS

Eric Leroux, 2008-9, estimating the impact of price reductions and foreign assistance for HIV on increasing treatment coverage in Africa.

Patrick Avila, 2009, understanding the effect of the US Mexico City Policy to restrict funding for abortions and family planning in Africa on outcomes such as rates of abortions, use of contraception, and fertility rates.

INVITED LECTURES AND TALKS

I. LOCAL TALKS

<u>Year</u>	<u>Contribution</u>
2005-2008	Guest Lecturer and Discussant, Stanford University Department of Medicine

2005-2008	Guest Lecturer, Santa Clara Valley Medical Center
2005-2007	Lecturer, Infectious Diseases Grand Rounds
2006-2009	Guest Lecturer, San Mateo Medical Center
2007-2009	Research Seminar, Center for Health Policy, Stanford University
2008	Freeman Spogli International Center Conference: Combating HIV in Low Resource Settings
2008-2009	Guest lecturer, MS&E 292: Monitoring HIV in South Africa
2009	Guest lecturer, HUMBIO 151: Evaluating Health in International Contexts
2009	Guest lecturer, HRP 207: How to Approach Health Services Research in Resource-poor Regions

II. EXTERNAL TALKS

<u>Year</u>	<u>Contribution</u>
2001	Invited speaker, 9 th US-Japan Healthcare Symposium, Kobe, Japan
2007	Invited speaker, 16 th International Conference on AIDS, Cancer, and Public Health, St. Petersburg, Russia
2007	Speaker, Conference of the American Public Health Association, Washington, DC
2007	Speaker, Conference of the Institute of Operational Research and the Management Sciences, Seattle, Washington
2009	Seminar Series, UCSF Department of Epidemiology & Biostatistics

POSTERS AND ABSTRACTS

1. **Bendavid E**, Maartens G. Safety and Efficacy of Anti-Tuberculous Rechallenge Therapy: a Look Back and a Look Forward, Soma Weiss Research Conference, Harvard Medical School, Boston, April 2001.
2. **Bendavid E**, Kaganova J, Rothschild J, Bates DW, Weissman JS. Measures of Workload and Inpatient Complications Using AHRQ's Patient Safety Indicators in Three Massachusetts Hospitals. AHRQ Patient Safety Conference, Washington DC, February 2003.

3. **Bendavid E**, Kaganova J, Gruenberg L, Needleman J, Weissman JS. The Weakened Weekend: Increased Rates of Complications in US Hospitals. American College of Physicians Regional Meeting, San Diego, Oct 2004 and National Meeting, San Francisco, April 2005.
4. Weissman JS, Rothschild J, **Bendavid E**, Kaganova J, Bates DW. Peak Patient Flow and Patient Safety in Hospitals. Academy Health Annual Meeting, June 2005.
5. **Bendavid E**, Bayoumi AM, Sanders GD, Owens DK. HIV Monitoring Strategies in Middle-Income Countries. 16th International Conference on AIDS, Cancer and Public Health, June 2007.
6. **Bendavid E**, Young SD, Katzenstein DA, Bayoumi AM, Sanders GD, Owens DK. Cost-Effectiveness of HIV Monitoring Strategies in South Africa. Society for Medical Decision Making, October 2007.
7. **Bendavid E**, Young SD, Katzenstein DA, Bayoumi AM, Sanders GD, Owens DK. Cost-Effectiveness of HIV Monitoring Strategies in Resource-Limited Settings. American Public Health Annual Meeting, November 2007.
8. **Bendavid E**, Wood R, Katzenstein DA, Bayoumi AM, Owens DK. Antiretroviral Strategies and Treatment Monitoring in Resource-Limited Settings – A Cost-Effectiveness Analysis. Society for Medical Decision Making, October 2008.
9. **Bendavid E**, Sanders GD, Owens DK. Cost-Effectiveness of Expanded Testing for HIV in Highly Endemic Regions. Society for Medical Decision Making, October 2008.
10. Kautz T, **Bendavid E**, Bhattacharya J, Miller NG. AIDS and Decreasing Support for Africa's Elderly. 16th Conference on Retroviruses and Opportunistic Infections, February 2009.
11. **Bendavid E**, Wood R, Brandeau ML, Owens DK. Comparative Effectiveness of HIV Care Practices in South Africa. Society for Medical Decision Making, October 2009.
12. Enns E, Brandeau ML, **Bendavid E**. Effectiveness and Cost-Effectiveness of Concurrency Reduction for HIV Prevention. Society for Medical Decision Making, October 2009.

ORIGINAL PUBLISHED RESEARCH

1. Campbell EG, **Bendavid E**. Data-sharing and data-withholding in genetics and the life sciences: results of a national survey of technology transfer officers. *Journal of Health Care Law & Policy*. 6(2):241-55, 2003.
2. Campbell EG, Vogeli C, Yucel R, **Bendavid E**, Jones LM, Anderson LA, Louis KS. Data Withholding and the Next Generation Scientists: Results of a National Survey. *Academic Medicine*. 81(2): 128-136, 2006.

3. Weissman JS, Rothschild J, **Bendavid E**, Cook, EF, Sprivulis P, David-Kasdan J, Bender M, Evans S, Haug P, Lloyd J, Selbovitz LG, Murff H, Bates DW. Hospital Workload and Adverse Events. *Medical Care*. 45(5): 448-455, 2007.
4. **Bendavid E**, Kaganova J, Needleman J, Gruenberg L, Weissman JS. Complication Rates on Weekends and Weekdays in U.S. Hospitals. *American Journal of Medicine*. 120(5): 422-428, 2007.
5. Liu H, Bravata DM, Olkin I, Friedlander A, Liu V, Roberts B, **Bendavid E**, Saynina O, Garber AM, Hoffman AR. Systematic Review: The Effects of Growth Hormone on Athletic Performance. *Annals of Internal Medicine*. May 20, 2008; 148(10):747-58.
6. **Bendavid E**, Katzenstein DA, Bayoumi AM, Sanders GD, Young SD, Owens DK. Cost-Effectiveness of HIV Monitoring Strategies in Resource-Limited Settings – a Southern African Analysis. *Archives of Internal Medicine*. Sep 22, 2008; 168(17):1910-8.
7. **Bendavid E**, Bhattacharya J. PEPFAR in Africa: An Evaluation of Outcomes. *Annals of Internal Medicine*. 2009 May 19;150(10):688-95. Epub 2009 Apr 6.
8. **Bendavid E**, Wood R, Katzenstein DA, Bayoumi AM, Owens DK. Expanding Antiretroviral Options in Resource-Limited Settings – A Cost-Effectiveness Analysis. *Journal of Acquired Immune Deficiency Syndromes (JAIDS)*, Epub 2009 May 14.
9. Young SD, **Bendavid E**. Relationship Between HIV Testing, Stigma, and Health Service Usage. *Accepted, AIDS Care*.
10. Grant PN, Palmer S, Leavitt R, **Bendavid E**, Slamowitz E, Cain P, Kobayashi S, Zolopa A. Viremia and Quality of Life After Switch from Enfuvirtide to Raltegravir in Virologically Suppressed HIV-infected Patients. *Accepted, Journal of Clinical Virology*.

INVITED EDITORIALS AND RESEARCH LETTERS

1. Weissman, JS, **Bendavid E**. Should U.S. Hospitals Go 24/7? *American Journal of Medicine*. 117(3): 202-203, 2004.
2. **Bendavid E**. Monitoring of Antiretroviral Therapy in Low-Resource Settings (Letter). *Lancet*. 372(9635):288-9, 2008.

ORIGINAL RESEARCH IN SUBMISSION

1. Kautz T, **Bendavid E**, Bhattacharya J, Miller NG. AIDS and Dependency Among Africa's Elderly. *In Submission*.
2. **Bendavid E**, Leroux E, Bhattacharya J, Smith N, Miller NG. Antiretroviral Prices, Foreign Assistance, and HIV Treatment Coverage in Africa. *In Submission*.

3. Enns E, Igame T, Brandeau M, **Bendavid E**. Assessing Effectiveness and Cost-Effectiveness of Concurrency Reduction for HIV Prevention. *In Submission*.
4. **Bendavid E**, Wood R, Brandeau ML, Owens DK. Comparative Effectiveness of HIV Universal Testing and Treatment Strategies in Highly Endemic Regions. *In Submission*.
5. Lachance JA, **Bendavid E**, Cotter LE, Enanoria W, Misegades LK, Reingold A, Wallace LE, Aragon TJ. Cost-Effectiveness of a Hand and Respiratory Hygiene Intervention in Reducing Influenza-like Illness among University Students. *In Submission*.

WORK IN PROGRESS

Cost-Effectiveness of Early Antiretroviral Initiation in Highly Endemic Regions. (With Margaret Brandeau, Robin Wood, Peter Piot, and Douglas Owens)

Effectiveness and Cost-Effectiveness of Strategies to Detect and Treat Acute HIV Infections. (with Jessie Lue Juusola, Margaret Brandeau, Elisa Long, and Douglas Owens)

The Mexico City Policy and Maternal Health Outcomes. (With Patrick Avila and Grant Miller)

Cost-Effectiveness of First-Line Regimens for Treatment of HIV in Resource-Limited Settings

The Effect of Foreign Assistance for HIV on Strength of Health Systems in Africa (with Eric Leroux)

GRANTS AND AWARDS

1.

Grant Title: The Relation of Hospital Workload to Patient Safety

Principal Investigator: Joel Weissman

Agency for Healthcare Research and Quality

ID Number: R01HS012035

Term: 9/26/2001-12/31/2003

Position: Project Manager

2.

Grant Title: Weekend Effect and the July Phenomenon in Patient Safety

Principal Investigator: Joel Weissman

Agency for Healthcare Research and Quality

ID Number: R03HS014073

Term: 9/30/2003-9/29/2005

Position: Investigator

3.

Grant Title: Data Sharing & Data Withholding Among Trainees in Science

Principal Investigator: Eric Campbell

National Institute of Neurological Disorders and Stroke

ID Number: R01NS042444
Term: 9/01/2001-8/31/2004
Position: Project Manager

4.
Grant Title: Improving the Public Health Impact of HIV Testing in Highly Endemic Regions
Principal Investigator: Eran Bendavid
National Institute of Allergy and Infectious Diseases
ID Number: K01AI084582
Term: 9/15/2009-7/31/2014
Position: Principal Investigator

5.
Grant Title: Comparative Effectiveness of ART for HIV in Patients With Comorbidities
Principal Investigator: Douglas Owens
National Institute of Allergy and Infectious Diseases
ID Number: RC1AI086927
Term: 9/26/2009-8/31/2011
Position: Investigator

ACTIVITIES AND SKILLS

Languages: English, Spanish, Hebrew, and basic Arabic and Portuguese
Computer Skills: Matlab, Python, TreeAge Pro, Stata, SAS