Lars Osterberg, MD, MPH
Curriculum Vitae

Home: 1356 Johnson Street, Menlo Park, CA 94025

Birth Place: Hassleholm, Sweden

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Citizenship: United States

Work: 3801 Miranda Ave. Palo Alto, CA 34305

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Education and Training

Undergraduate:

May 1983	University of Lund, Sweden Bioengineering Certificate
June 1985	University of California, Berkeley B.S. Bioengineering

Post-graduate:

1986-1991	University of California, Davis School of Medicine MD, 1991
1991-1994	Stanford University Hospital Resident in Medicine
2004-2005	University of California, Berkeley Masters of Public Health, May 2005

Appointments and Positions

1994- present	Clinical Associate Professor of Medicine Stanford University School of Medicine
1997-present	Medical Director, Arbor Free Clinic Stanford University School of Medicine
2001-2014	Chief of General Internal Medicine, VA Hospital Palo Alto
2007-present	Director, Educators-4-CARE Stanford University School of Medicine

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Certification and Licensure

1994, 2014	American Board of Internal Medicine
1992-present	California Medical Board #G076147
1992-present	DEA

Membership in professional organizations

Alpha Omega Alpha
American College of Physicians
Society of General Internal Medicine
Physicians for a National Health Program

Honors and Awards

Alpha Omega Alpha, U.C. Davis School of Medicine, 1990

Paulson Award, U.C. Davis School of Medicine, 1988, 1990

Ernest M. Gold Award, U.C. Davis School of Medicine, 1991

Excellence in Internal Medicine, U.C. Davis School of Medicine,1991

Golden Goblet Award, U.C. Davis School of Medicine, 1991
"the student who, in the opinion of classmates, best and most consistently demonstrates joy and commitment of selflessness and service to others"

David A. Rytand Award, Stanford University School of Medicine, 2000
Award for Best Clinical Teaching by a Faculty Physician

Arthur L. Bloomfield Award, Stanford University School of Medicine, 2000
Excellence in Teaching Clinical Medicine

Society of General Internal Medicine (SGIM) Clinician Teacher Award, 2000-2001
Given each year to a member of the Society of General Internal Medicine exhibiting excellence in teaching

Stanford General Internal Medicine Annual Teaching Award, 2000, 2001, and 2006

Kaiser Award Award for Excellence in Clinical Teaching, 2001
Given to a Stanford University School of Medicine Faculty demonstrating excellence in clinical teaching of Stanford Medical Students

Lance Armstong Compassion in Medicine Award, 2004
Voted by the Stanford Medical Students as the Stanford Faculty demonstrating outstanding compassion in the care of patients

American College of Physicians Community Service Award, 2005
Given to the Amercan College of Physicians member demonstrating outstanding community service

Veterans Affairs Star Award for Patient Care, 2005
"Recognized by patients at the Palo Alto Veterans Affairs Hospital as providing excellence in patient care"

Cingular Wireless Community Service Award, 2006
A donation is given by Cingular Wireless Corporation, San Francisco, CA to the organization of the recipients choice due to their contributions to the local community

Miriam Aaron Roland Volunteer Service Prize, 2008
Given by the Haas Center, Stanford University to the faculty with the "Stanford faculty who engage and involve students in integrating academic scholarship with significant and meaningful volunteer service to society."

Kaiser Award for Clinical Teaching, 2009
Given by the Stanford University School of Medicine for the faculty member demonstrating excellence in clinical teaching

Lawrence H. Mathers Award, 2011
"This award recognizes the individual at Stanford with an exceptional commitment to teaching and mentoring of students inside and/or outside the classroom and also to inspiring and facilitating the personal and professional development of students."

Veterans Affairs Service Award for Patient Care, 2014
Recognized for service to Veterans at Palo Alto Veterans Affairs Hospital

Inducted into the Gold Humanism Honor Society, 2014
Membership in GHHS goes beyond selection and induction into an honor society; its members have a responsibility to model, support, and advocate for compassionate, patient-centered care throughout their careers.

Publications

1. Y-F Wei, **Osterberg LG**, H.R. Matthews. Protein Histidine Kinase from Sacromyces Cervesae, Journal of Cell Biology, vol. 107, 1988.

Collected data for this study and presented findings at the American Society for Cell Biology.

2. Lopez CS, **Osterberg L** Rotavirus Diarrhea in a Health Center and a Hospital of Managua, Nicaragua. Rev Cubana Med Trop. 1992;44(1):7-11. Spanish.

Collected data for this study and wrote first draft of this manuscript

3. Ip M, **Osterberg LG**, Chau PY, Raffin TA. Melioidosis. Chest, November 1995; 108:1420-24.

Compiled literature review on this topic and wrote first draft of the manuscript.

4. **Osterberg LG**, Atwood JE, Vagelos R. Case Presentation and Review: Constrictive Pericarditis, Western Journal of Medicine October 1998; 169:232-239.
5. **Osterberg LG**. Case in Point. Discoloration due to "Chest Pen". Hospital Practice March 15, 1999; v 34:3 p. 37.
6. Atwood JE, **Osterberg LG**. Constrictive Pericarditis-Images in Medicine, N Engl J Med. 2000 Jul 13;343(2):106.

Collected images and data for this publication.

7. Rogers C, Crothers K, **Osterberg LG** Atheroembolic Renal Failure, VHSJ July 2000
8. **Osterberg LG** Upper Extremity Thrombosis, MDVista. Editor Saul Rosenberg. February 2001.
9. Lipinski M, Do D, Froelicher VF, **Osterberg LG**, Atwood JE, Franklin B, West J. Comparison of exercise test scores and physician estimation in determining disease probability. Arch Intern Med. 2001 Oct 8;161(18):2239-44.

Assisted in writing manuscript

10. Lipinski M, Froelicher VF, Atwood JE, Tseitlin A, Franklin B **Osterberg LG** , Do D, Meyers, J Comparison of Treadmill scores with physician estimates of diagnosis and prognosis in patients with coronary artery disease. American Heart Journal 2002; 143:1-9.
11. **Osterberg LG**, Stiller C-O,Tornqvist E, Ayers M, Youngblood P, Bastholm P, Gardner P, Gustafsson LG, A Web Based Course in Clinical Pharmacology. Academic Exchange Quarterly Spring 2003 Volume 7, Issue 1: 29-33.

12. Soller MA, **Osterberg LG** Missed Opportunities for Patient Education and Social Work Consultation in a Free Clinic. Journal of Health Care for Poor and Underserved. 15(2004): 538-546.

Helped with data collection and with writing manuscript

13. **Osterberg LG**, Blaschke TF, Adherence to Medication. NEJM 2005; 353: 487-97.
14. **Osterberg LG**, Blaschke TF. Medication Compliance and Avoiding Adverse Drug Events. Medscape, August 2006.
15. **Osterberg LG**, Barr, DA, Planning Services for the Homeless in the San Francisco Peninsula. Journal of Health Care for Poor and Underserved. November 2007; Volume 18(4). 749-56.
16. Christensen A, **Osterberg LG**, Hansen EH, Electronic Monitoring of Patient Adherence to Oral Antihypertensive Medical Treatment: A Systematic Review. J Hypertens. 2009 Aug;27(8):1540-51.
    Helped with collection of publications for review and reading papers to consider for inclusion in the manuscript and with writing manuscript.
17. **Osterberg LG**, Blaschke TF, Urquhart J. Understanding Forgiveness: Minding and Mining the Gaps Between Pharmacokinetics and Therapeutics. Clinical Pharmacology and Therapeutics Clin Pharmacol Ther. 2010 Oct;88(4):457-9.
18. Morrison SD, Banushi VH, Sarnquist C, Gashi VH, **Osterberg L**, Maldonado Y, Harxhi A. Barriers to care and current medical and social needs of HIV-positive patients in Albania. Cent Eur J Public Health. 2011 Jun;19(2):91-7.
    Helped in writing manuscript and providing supporting literature.
19. Adams PJ, Basaviah P, **Osterberg LG.** *Medical Student Wellness: An Essential Role for Mentors*. *Med Sci Educ* 2011; 21(4): 382-384.
    Wrote most of the manuscript and provided background literature on the topic.
20. Morrison SD, Banushi VH, Sarnquist C, Gashi VH, **Osterberg L**, Maldonado Y, Harxhi A "Barriers to care and current medical and social needs of HIV-positive patients in Albania." *Cent Eur J Public Health* 2011; 19: 2: 91-7
    Helped in writing manuscript
21. Morrison SD, Banushi VH, Sarnquist C, Gashi VH, **Osterberg L**, Maldonado Y, Harxhi A *Levels of self-reported depression and anxiety among HIV-positive patients in Albania: a cross-sectional study. Croat Med J* 2011; 52: 5: 622-8:
    Helped in writing manuscript
22. Blaschke, **Osterberg**, Vrijens, Urquhart. *Adherence to Medications: Insights Arising from Studies on the Unreliable Link Between Prescribed and Actual Drug Dosing Histories. Ann Rev of Pharmacol and Toxicol*. February 2012. 52:275-301.
    Helped in collecting relevant supporting literature and in writing manuscript
23. Hasbún O, Pennington K, **Osterberg LG**. *Revolutionizing Volunteer Interpreter Services: An Evaluation of an Innovative Medical Interpreter Education Program.* J Gen Intern Med. 2013 Dec; 28(12): 1589-95.
    Helped in collecting relevant supporting literature, teaching the course on interpreting and in writing the manuscript
24. Gearing RE, Townsend L, Elkins L, El-Bassel N, **Osterberg LG**. *Strategies to Predict, Measure, and Impact Types of Psychosocial Treatment Adherence. Harv Rev Psychiatry.* 2014 Jan/Feb. 22(1), 31-45.
    Helped in writing manuscript and in collecting supporting literature
25. Osterberg LG, Tai-Edmonds J, Schillinger E. *The Educators for CARE Program: Demonstrating the Value of Learning Communities. MedEdPUblish e-library.* http://mededworld.org/MedEdWorld-Papers.aspx
26. Morrison SM, Sashidi V, Sarquist C, Banushi VH, Hole MK, Barbhaiya NJ, Osterberg LG, Maldonado Y, Harxhi A. *Antiretroviral Therapy Adherence and Predictors to Adherence in Albania: a cross sectional study. J Infect Dev Ctries* 2014; 8(7): 853-862.
27. Osterberg LG, Gilbert J, Lotan R. *From High School to Medical School: The Importance of Community in Education. Med Sci Educ* (2014) 24:253-256.
28. Tiet QQ, Osterberg LG. Diagnostic Accuracy of the Screen of Drug Use in Primary Care. Accepted for publication JAMA 4/1/2015

29. Osterberg LG, Swigris R, Weil A, Branch W. *Highly Influential Teachers: Recognizing our Unsung Heros.* Accepted for publication *Medical Education MED-2015-0258.R1*
30. Osterberg LG, Shochet R, Hatem DH, Moynehan K, Goldstein E. *It Takes a Village: Learning Communities as a New Organizational Paradigm in Medical Education.* Submitted *JGIM*

Book Chapters

Osterberg LG, Swan-Ganz Catheter Monitoring. Saunders Medical Manual of Clinical Practice 2nd Ed. C. 2000. editor Robert Rakel p. 333-337.
Rudd PL, **Osterberg LG** Hypertension. Cardiovascular Medicine. 3rd Ed. C. 2001 editor Eric Topol.
Osterberg LG, Rudd PL Hypertension and Adherence to Therapy. Hypertension. Editor Oparil c. 2005.
Kaboli, Auerbach, **Osterberg LG**. Principles and Practices of Hospital Medicine, McKean c. 2010 McGraw-Hill.

Abstracts and Presentations

1. **Osterberg LG**, Y.F. Wei. Poster Presentation- Characterization of a Protein Histidine Kinase at the American Society of Cell Biology Meeting, 1988.
2. **Osterberg LG**, Stiller C-O, Ayers M, Tornqvist E, Gustafsson LL. Pharmapac; A Web-based Course in Clinical Pharmacology. JGIM, April 2003; 18(supplement 1):119
3. **Osterberg LG**, MK Goldstein, BB Hoffman. Reducing Polypharmacy in a General Medicine Clinic. JGIM, April 2003; 18(supplement 1):135.
4. **Osterberg LG,** May 2003 Society of General Internal Medicine National Meeting. Poster Presentation: A Web-based Course in Clinical Pharmacology.
5. Kaboli PJ, Barrett TW, Vazirani S, **Osterberg LG**, Auerbach AD, Survey of Hospitalists at Veterans Affairs Hospitals, SGIM National Meeting, Los Angeles, CA 2006.
6. Helgerson P, Chia G, Breckenridge J, **Osterberg LG**, Comparison of hospitalist care with non-hospitalist care in a Veterans Affairs Medical Center. SGIM National Meeting, Toronto, Canada, April 2007.
7. Onofrey, M, Eagan, C, Heilman J, **Osterberg, LG** Physician-patient Dialogue and Medication Adherence. Academy of Managed Care Pharmacy, October 16, 2008.
8. Morrison SD, Banushi VH, Gashi VH, Sarnquist C, **Osterberg LG**, Maldonado Y, Harxhi A. HIV/AIDS in Albania: A First Look at Barriers to Care and Adherence to Antiretroviral Medication. Eastern Europe and Centra Asia AIDS Conference, October 2009.
9. Morrison SD, Subrahmanian K, Ali S, **Osterberg, L** Health Outreach Program to Educate (HOPE) Palo Alto, WGEA April 2010.
10. Morrison SD, Banushi VH, Sarnquist C, **Osterberg LG**, Maldonado B, Harxhi A Antiretroviral Adherence in Albania, International AIDs Conference. Vienna, July 2010.
11. Hooper, K, **Osterberg LG,** Deitz J, Basaviah P An Assessment of the Stanford Student Experience of a New Learning Community. AAMC Washington DC Nov, 2010.
12. **Osterberg, LG**, Erika Schillinger, MD Preetha Basaviah, MD; Kristin Fabbro, BA, Kambria Hooper, M.Ed. Clinical Students Exploring Critical Incidents Using Faculty Guided Reflection. AAMC Conference, Washington DC November, 2010.
13. **Lars Osterberg, MD**, MPH, Erika Schillinger, MD Preetha Basaviah, MD; Kambria Hooper, M.Ed. Clinical Students' Exploration of Critical Incidents Using Faculty Guided Reflection. Western Regional AAMC Conference, Stanford, CA. April 2011
14. Kambria Hooper, M.Ed.; **Lars Osterberg, MD**; Jennifer Hayes, M.Ed; Jennifer Deitz, MA; Preetha Basaviah, MD. An Assessment of the Stanford Student

Experience of a New Learning Community. Western Regional AAMC Conference, Stanford, CA. April 2011

15. Stereotype Threat: Mentoring Underrepresented Minorities in Academic Medicine. Ian Tong, MD; **Lars Osterberg, MD**; Ron Garcia, PhD; Victoria Kelly, MD. Workshop. Western Regional AAMC Conference, Stanford, CA. April 2011

16. Kambria Hooper, M.Ed.; **Lars Osterberg, MD**; Jennifer Hayes, M.Ed; Jennifer Deitz, MA; Preetha Basaviah, MD. An Assessment of the Stanford Student Experience of a New Learning Community. SGIM, Phoenix, Az May, 2011

17. Oz Hasbún, Kaylin Pennington, **Lars Osterberg, MD, MPH**. Effectiveness of a formalized medical interpreter training program in improving quality and delivery of care for LEP patients in free clinics. Western Regional AAMC Conference, Asilomar, CA. April 2012.

18. Alison Kevan, PhD, Andrew Nevins, MD & **Lars Osterberg, MD, MPH.** Measuring the impact of a longitudinal mentoring program on medical students' clinical skills performance. Western Regional AAMC Conference, Asilomar, CA. April 2012.

19. Erika Schillinger, MD, Kambria Hooper, Bahij Austin, Jackie Tai-Edmonds, MD, Paula Hillard, MD, Peter Rudd, MD, **Lars Osterberg, MD**. Spheres of Influence: Faculty Benefits and Costs Beyond the Learning Community. Western Regional AAMC Conference, Asilomar, CA. April 2012.

20. Sandra Feaster, Andrew Nevins, Madika Bryant, **Lars Osterberg**, Rebecca Smith - Coggins . Incorporating Immersive Learning Techniques to Improve the Student's Learning Experience. Small Group Presentation. Western Regional AAMC Conference, Asilomar, CA. April 2012.

21. **Lars Osterberg**, Kevin Moynahan, Sunny Smith, Molly B. Jackson, Erika Schillinger, Bahij Austin. Learning Communities: Creating a Supportive Learning Environment in Education. Panel Discussion. Western Regional AAMC Conference, Asilomar, CA. April 2012

22. Bahij Austin; Alison Kevan; Rebecca Smith-Coggins; Christine Solari; **Lars Osterberg**. Medical Student Wellness in the MD Curriculum: A Collaborative Approach to Building a Wellness Program**.** Panel Discussion. Western Regional AAMC Conference, Asilomar, CA. April 2012

23. Danica Lomeli MA, Bahij Austin BA, Erika Schillinger MD, Paula Hillard MD, Preetha Basaviah MD, Kambria Hooper MEd, **Lars Osterberg MD**. Learning Communities as a Venue for Vertical Mentoring: Clinical Students' Exploration of Critical Incidents Using Faculty-Guided Reflection. AAMC, San Francisco, CA. November 2012.

24. David Hatem, Meg Keeley, Ann Poncelet, **Lars Osterberg**. Models of Incorporating Continuity into Medical Education. Presentation. AAMC, San Francisco, CA. November 2012.

25. **Lars Osterberg**, Preetha Basaviah, Jacqueline Tai-Edmonds, Tracy Rydel, Bahij Austin. Giving Feedback to Learners. Faculty Development Workshop. WGEA, UC Irvine, CA. April 2013

26. **Lars Osterberg**, Andrew Nevins, Jennifer Deitz, Bahij Austin, Cindy Irvine. Learning Communities: deeper learning, improved teaching and an enriched learning environment. Discussion Session. WGEA, UC Irvine, CA. April 2013.

27. David Hatem, Rob Shochet, **Lars Osterberg**. New Models of Incorporating Continuity in Medical Education. Workshop Presentation. SGIM, Denver CO. April 2013.

28. Priscilla To, Randell Miyahara, Pei-Yu Lee, **Lars Osterberg**. The Effect of Medication Event Monitoring System on Adherence and Blood Pressure Control. Western States Conference for Pharmacy Residents. May, 2013.

29. **Lars Osterberg**, David Hatem, Erika Goldstein, Bahij Austin. Improving clinical skills, enhancing the learning environment, improving career advising: what learning communities can do for your institution. AAMC, Philadelphia, PA. November 2013

30. Yeuen Kim, Nancy Cuan, Elizabeth Greber, Timothy Ong, Patience Young, **Lars Osterberg.** Rodin & physical diagnosis: medical humanities to improve visual observational skills. SGIM Regional Meeting. Stanford University School of Medicine February 2014

31. Yeuen Kim, **Lars Osterberg**. Using the humanities to improve resident observational skills and empathy. Gold Humanism Honor Society Biennial Gold Mining Roundtable Discussions. Atlanta GA, October 10, 2014
32. Smith S, **Osterberg LG**, Moynehan K. Teaching Clinical Skills and Faculty Development in Learning Communities. Western Regional AAMC San Diego, April 2015
33. Smith S, **Osterberg LG**, Moynehan K. Starting or Improving Learning Communities at your Institution. Western Regional AAMC San Diego, April 2015
34. Smith S, Johnson M, Beck E, **Osterberg LG**, Moynehan K. Student-run Free Clinics: A review of the literature and encouraging collaboration. Western Regional AAMC San Diego, April 2015

Professional Activities

Teaching and Mentoring Activities:

1988, 1989 U.C. Davis AIDS Education Project
Developed an education program for high school students educating them about prevention of HIV transmission.

1989, 1990 Anatomy Teacher, University of California Davis Medical School
Taught Human Anatomy to Undergraduates while in attending Medical School.

1994-2004 Introduction to Clinical Medicine (PCM-B, C) Stanford University School of Medicine
Serve as a preceptor 8 hours per week for medical students in preparation for clinical medicine.

1994-Present Stanford Medical Resident Preclinic Teaching Modules
Annually prepared teaching modules used for teaching residents about common outpatient topics: Alcohol, Obesity, Thromboembolism, Ophthalmology for the Internist, Traveler's Diarrhea, Depression, Post Traumatic Stress Disorder, Adrenal insufficiency, Medication Adherence. These have been published on the web on MD Skolar.

Winter, Spring 1998 Course Facilitator Med 202 and 203, Stanford School of Medicine
Served as a weekly preceptor for medical students preparing them for interviewing patients and providing guidance in medical write-ups

1999-2001 Stanford University School of Medicine Course Director Med 309B (Currently Continuity Clerkship)
Conducted a weekly continuity clinic for medical students and developed a course syllabus with common problems in primary care that should be mastered as a student intending to pursue a career in primary care. I am the founder of this course.

2000-Present Stanford University School of Medicine Course Director Med 182, Med 282
Faculty Course Director for Arbor Free Clinic Sevice Learning where medical students and undergraduates participate in service learning while working at a weekly free medical clinic. Also volunteer at this clinic and carry out health screening exams since 1997.

2001-2004 Stanford University School of Medicine Course Director Med 364A
Developed a series of web based teaching cases in clinical pharmacology in collaboration with a group of physicians at Karolinska Institutet in Sweden.

2001-2004 Stanford University School of Medicine Site Director Med 300A, 330
Directed the core medicine clerkship and subinternship for medical students coming to the VA Palo Alto Health Care System for their rotation.

1997-2005 Stanford Medical Resident General Medicine Clinic
Precepted four Stanford Internal Medicine residents every week in clinic providing them guidance in the management of their outpatient panel of patients.

2003-2011 Stanford University School of Medicine Course Director Med 241, 249
Prepared students for volunteering in either of the Stanford Free Clinics (Arbor Free Clinic and Pacific Free Clinic) with two intensive classes taught in the Fall and Winter quarters.

2006-2007 Stanford University Faculty Advisor and Course Director for Student Initiated Course MED125SI Spring Quarter 2006 and Winter Quarter 2007. *The Man on the Street and Other Myths: Confronting the Face of Homelessness*
Faculty advisor for the student initiated courses on homelessness and poverty in the Bay Area.

2008-Present Director Educators-4-CARE, Stanford University School of Medicine
Currently direct a program that consists of 17 faculty who all teach in the pre-medical curriculum in the Practice of Medicine course. Each faculty teaches two half days per week and mentors 5-6 students from each of the first two years of the medical school (total ~24 per year). I teach and mentor as the other faculty do, but also play a role in curriculum development, faculty development and administrating the program, reporting to the Associate Dean of Education.

2009-Present Faculty Course Sponsor and Speaker for Medical Interpreting in Community Clinics Med 149
Helped develop the course in medical interpreting for the free clinics and often deliver one of the lectures to the students of this course each year.

2010-Present Mentor and Faculty Advisor for Stanford In Government (SIG) Fellows
Each year I help select the Stanford Undergraduate (SIG) Fellow and advise them on their summer project in Washington D.C. at HRSA

2013-Present Advisor Gold Humanism Honor Society
Direct local activities and select annual recipients for the GHHS

2013-14 Mentor to Stanford Internal Medicine Interns
Kathryn Cappell, Derek Lin, Shyam Patel, Sandy Tun

2014 Stanford University Faculty Advisor and Course Director for Student Initiated Course MED125SI Spring Quarter 2014
Health Care Accessibility focusing on the U.S. to help students understand our current health care system and how it will change with the Affordable Care Act.

2014 Stanford University Faculty Advisor and Course Director for Student Initiated Course MED150SI Spring Quarter 2014
Clinical Foundations for Patient Navigators at Arbor Free Clinic preparing them for their clinical role in supporting patients through our health care system.

<u>Mentored Trainees in Research Since 2011:</u>

2011- present. Stanford Med Scholars Advisor to Shane Morrison, Stanford Medical Student. HIV/AIDS in Albania: A First Look at Barriers to Care, Adherence to Antiretroviral Medication and Barriers Affecting it. IRB#16374

2012-2013. Advisor to Kaylin Pennington, BS Stanford. Noncompliance of Referrals and Barriers to Follow-up Care Among Patients Seen at a Free Clinic: A Retrospective Cohort Study. IRB#22123

2013-2014. Human Biology Honors Thesis Advisor to Nausheen Mahmood, BA Stanford. Assessing needs of uninsured patients and health care providers in response to the Affordable Care Act.

2013-present. Advisor to Alia Martha Yaghi, Stanford Undergraduate Student. Patients and Physicians' Attitudes Toward Complementary and Alternative Medicine and Impact on Patient-Physician Relationships. IRB#28274

2013-present. Stanford Med Scholars Advisor to Maria Norma Villalon Landeros, Stanford Medical Student. Effectiveness of a Student-led Diabetes Self-Management Education Program for Adults with Type 2 Diabetes. IRB #28626

Previous Professional Positions:

Research in Human Monoclonal Antibody Production; Chiron Corporation, Emeryville, CA 1984-1987

Research in Characterization of Protein Histidine Kinase, U.C. Davis Department of Biochemistry, Summer 1988

Staff Physician, VA Palo Alto Health Care System 1994-present

Administrative Responsibilities and Committees:

1994-1996	General Medicine Consultant, VA Hospital Palo Alto,
1997- 1999	Member of Low Molecular Weight Heparin Use Subcommittee and P&T Committee, VA Hospital Palo Alto
1997-1998	Chairman, Medication Use Subcommittee, Palo Alto VA Hospital
1998-1999	Pharmacy Process Action Team, Palo Alto VA Hospital
1997-1999	Member of Pharmacy and Therapeutics Committee, VA Palo Alto Health Care System
1997-2008	Anticoagulation Clinic Director, VA Hospital Palo Alto
1998- 2010	VA Palo Alto General Medical Clinics Director:
1999	Reducing Adverse Events to Warfarin with the Institute for Hospital Improvement
2001-present	Director, HTN Clinic, VA Hospital Palo Alto
2002-present	Reviewer for Journal of General Internal Medicine
2005-present	Reviewer for Journal of Managed Care
2006-2009	President, Opportunity Health Partners
2007-present	Cardinal Free Clinics, Medical Director
2008-present	Director, Educators-4-Care, Stanford University School of Medicine
2009-present	Reviewer, Archives of Internal Medicine and Journal of the American Medical Association, Annals of Internal Medicine
2009-2011	Consultant and Board of Directors, Opportunity Health Partners, Palo Alto
2010-present	Stanford Committee for Professional Satisfaction and Support, Stanford Hospital and Clinics
2011-present	Respectful Educator Conduct Committee, Stanford University School of Medicine
2012-present	Committee on Curriculum and Academic Policy, Stanford University School of Medicine
2012-present	Learning Communities Institute, Organizing Member and Co-Chair of Faculty Development Committee
2013-2015	Core Interviewer for Prospective Interns, Stanford Internal Medicine Residency Program

2013-present	Stanford Medical School Chapter Advisor, Arnold P. Gold Foundation Gold Humanism Honor Society
2014-present	Chair, Academies Task Force Planning Committee. Stanford University School of Medicine
2015-present	Chair, Mindfulness Working Group, sub-group of Stanford Committee on Professional Satisfaction and Support
2015	Reviewer Journal of the American College of Cardiology

Invited Presentations

April 1997	Medical Grand Rounds- *Constrictive Pericarditis*, Stanford University
March 1998	Primary Care Grand Rounds- *Controversies in Perioperative Anticoagulation*
2001-2002	Internal Medicine Housestaff Noon Lecture Series- *Perioperative Anticoagulation*
November 2005	Invited Presentation, American Cancer Society Meeting, Washington DC: Medication Adherence
December 2006	Invited Presentation, Astra Zeneca Patient Adherence, Wilmington, DE
October 2007	Invited Speaker, Danish Ministry of Health. Communication and Medication Adherence. Copenhagen, Denmark
January 10, 2008	Invited Member and Presentation for Non-Adherence Issues in the Transplant Patient, Consensus Conference. Risks of Non-Adherence. Tampa, Florida
January 26, 2008	Invited Speaker for Minnesota Pharmacists Association. Medication Adherence and Strategies for Improvement. Minneapolis, Minnesota
November 2008	Invited Panel Speaker, Medication Non-adherence, the silent cardiovascular risk factor. Web-MD, Baltimore, MD.
September 2009	Invited Keynote Speaker, First Annual Jean-Michel Métry Memorial Lecure. European Society of Patient Adherence, Compliance, and Persistence (ESPACOMP). Bangor, Wales
January 2010	Invited Web-based module. American College of Physicians. Improving Adherence and the medical home model of care
December 2010	Invited Speaker and Interview Correio Braziliense. Patients Lost in Medication Adherence Translation. Bahia, Brazil.
May 2011	Invited Speaker and teacher of bedside medicine. Mirubushi Residency Project. Okinawa, Japan.
June 2011	Grand Rounds. Medication Adherence and Strategies for Improvement. Wayne State University, Dept. of Dermatology Grand Rounds. Detroit, MI
January 2012	Invited Speaker. Serono Symposia International Foundation. Medication Adherence- Patients Lost in Medication Adherence Translation. Serono Symposia International Foundation. Rome, Italy
March 2012	Grand Rounds, Stanford Department of Medicine. Medication Adherence
June 2012	Invited Faculty Development: Mentoring and Starting learning communities for the American University of Beirut, Lebanon
October 2012	Ethics and the Professions: Medicine. Stanford Human Biology
April 2013	Medication Adherence: The odds that your prescriptions assure adequate treatment. Serono Symposia International Foundation. Rome, Italy.
June 2013	European Innovation Partnership on Active and Healthy Ageing, European Union Working Group on Medication Adherence Brussels, Belgium.
October 2013	Invited Speaker, American College of Rheumatology Annual Meeting. “Why Won’t my Patients with Gout Take Their Medications?” San Diego, CA
February 2014	Faculty Development, “Introduction to Learning Communities” Winthrop University and Stony Brook University School of Medicine

April 2014	Consultant for Developing Learning Communities, "Assessing Reflection and Facilitating in Small Groups." Winthrop University, Long Island, NY
December 2014	Medical Grand Rounds. *Homelessness: Experiencing the Full Spectrum of Social Determinants of Health.* Stanford Internal Medicine.
February 2015	Stanford Prevention and Research Center Seminar. *Homelessness and the local disparities in our community*

Research/Professional Interests

medical education, access to medical care and medical care of vulnerable patient populations; innovations in health care delivery; medication adherence

Work In Progress

- A Qualitative Analysis of barriers to Humanism. Collaboration with William Branch, MD. Emory University School of Medicine. Funded by the Arnold P. Gold Foundation
- Attitudes Toward Complementary and Alternative Medicine and Impact on Patient-Physician Relationships. Advisor for Alia Yaghi, Stanford Undergraduate
- Textbook. Behavioral and Social Science in Medicine: Principles and Practice of Biopsychosocial Care. Ed. Shari Waldstein, PhD
- Effectiveness of a Student-led Diabetes Self-Management Education Program for Adults with Type 2 Diabetes. Faculty Med Scholars Advisor for Norma Villalon Landeros, Stanford Medical Student
- Computerized Algorithm for Optimizing Medication Adherence in collaboration with Gabriela Voskerician, MD. Case Western Reserve
- Co-Editor. Treatment Engagement: A Clinical Handbook. In collaboration with Dr. Andrew Hadler, Sussex Medical School, West Sussex and Dr. Stephen Sutton, Institute of Public Health, Cambridge England
- Proteus Discover Cardiometabolic Study Principal Infestigator