

Melissa E. Weinberg, MD

Division of Endocrinology, Diabetes and Osteoporosis
Sutter Pacific Medical Foundation
Medical Director of Inpatient Diabetes, California Pacific Medical Center
Chair, Sutter Diabetes Clinical Improvement Community

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EDUCATION

1993-1997	Harvard College, Cambridge, MA	A.B. <i>magna cum laude</i>	History & Science
1997-2001	Yale University, New Haven, CT	M.D. with honors	
2001-2002	Brigham & Women's Hospital, Boston, MA	Intern	Medicine
2002-2004	Brigham & Women's Hospital, Boston, MA	Resident	Medicine
2005-2008	University of California San Francisco, CA	Fellow	Endocrinology
2006	University of California San Francisco, CA	Training in Clinical Research program	

LICENSES, CERTIFICATION

2003	Medical licensure, Massachusetts (inactive currently)
2004	Medical licensure, California
2004	Board Certification in Internal Medicine, highest decile of achievement
2007	Board Certification in Endocrinology, highest decile of achievement
2017	Board Re-certification in Endocrinology, highest decile of achievement

PRINCIPAL POSITIONS HELD

2004	Brigham & Women's Hospital, Boston, MA	Instructor
2005	Partners in Health, Volunteer physician, diabetes educator (Lima, Peru)	
2008-2023	Attending physician, California Pacific Medical Center	
2008-2020	Assistant Clinical Professor of Medicine, University of California San Francisco	
2009-2023	Medical Director of Inpatient Diabetes, California Pacific Medical Center	
2017-2023	Physician lead, Sutter Health Diabetes Clinical Improvement Community	

HONORS AND AWARDS

1997	Phi Beta Kappa, Harvard College
1998	Wilbur Downs International Health Fellowship, Yale University School of Medicine
2000	Medical Student Research Fellowship, Yale University School of Medicine
2000	First Prize for Best Oral Presentation, American College of Physicians/American Society of Internal Medicine CT Chapter Spring Scientific Session, first medical student to present orally
2001	Alpha Omega Alpha, Yale University School of Medicine
2001	Keese Prize awarded for outstanding thesis, Yale University School of Medicine
2001	Janet M. Glasgow Memorial Achievement Citation
2004	Primary Care Chief Resident, West Roxbury Veteran Affairs Hospital
2007	Genentech Clinical Fellows Travel Grant for Endocrine Society

PROFESSIONAL ACTIVITIES

PROFESSIONAL ORGANIZATIONS

1997-2006	American Medical Association
2001-2009	Massachusetts Medical Society

2006-2011	American Association of Clinical Endocrinology
2006-2009	American Thyroid Association
2013-2019	American Diabetes Association
2003-2023	Endocrine Society

SERVICE TO PROFESSIONAL PUBLICATIONS

2006	Ad hoc reviewer for journal, <i>Metabolism Clinical and Experimental</i>
2007	Ad hoc reviewer for journal, <i>Archives of Medical Research</i>
2015	Ad hoc reviewer for journal, <i>Journal of Clinical Endocrinology and Metabolism</i>
2022	Ad hoc reviewer for journal, <i>Journal of Diabetes Science and Technology</i>

INVITED PRESENTATIONS

NATIONAL/INTERNATIONAL

2004	Endocrine Society; New Orleans, (poster)
2007	American Diabetes Association; Chicago (two posters)
2007	International HIV Lipodystrophy Workshop; Sydney (poster)

REGIONAL AND OTHER INVITED PRESENTATIONS

1998	Nathan Smith Club for the History of Medicine, Yale University School of Medicine
1998	Downs International Fellowship symposium, Yale University School of Medicine
2000	American Society of Internal Medicine/American College of Physicians: Connecticut Scientific Session (oral)
2007	Bay Area Clinical Research Symposium (poster)
2008	California Pacific Medical Center, Medical Grand Rounds
2009	California Pacific Medical Center, General Surgery Grand Rounds
2009	California Pacific Medical Center, Transplant Grand Rounds
2014	Calanchini Lecture at CPMC: Pituitary Health and Innovations in Management, "Diagnosis and Management of Pituitary Hypersecretory Syndromes"
2018	Sutter Health Webinar: Subcutaneous Insulin for the Inpatient Prescriber (video on Clinical

COMMITTEES AND PUBLIC SERVICE

1997-2000	Students Teaching AIDS to Students, Chairperson (1999-2000)
1997-2000	American Medical Association Yale Medical School Chapter, Chairperson (1999-2000), presented resolution at national meeting
2000-2001	Dean of Students Search Committee, Yale University School of Medicine
2002	Intern Selection Committee (Internal Medicine residency program), Brigham & Women's Hosp.
2003-2004	House Staff Affairs Committee, Brigham & Women's Hospital
2003-2004	Chairperson, Clinicopathologic Conference, Brigham & Women's Hospital
2006-2007	Diabetes Quality Improvement Committee, San Francisco General Hospital
2006-2007	Diabetes Quality Improvement Committee, UCSF Medical Center
2008-2019	Volunteer attending, San Francisco General Hospital
2008-2023	Glycemic Council, California Pacific Medical Center
2009-2023	Medical Director of Inpatient Diabetes, California Pacific Medical Center
2009-2023	Sutter Health Endocrinology/Diabetes Subject Matter Expert Committee for Electronic Health Record
2009-2016	Medication Safety Sub-committee, California Pacific Medical Center
2009-2016	Nutritional Support Sub-committee, California Pacific Medical Center
2016-2023	Sutter Diabetes Clinical Improvement Community
2017-2023	Chair, Sutter Diabetes Clinical Improvement Community

TEACHING and MENTORING

1996	Sirigoi Secondary School, Sirigoi, Kenya; Mathematics Teacher
2001	Yale University, Women's Health course, Women & Gender Studies Department; Teaching Assistant
2002	Massachusetts College of Pharmacy (Physician assistant program); Resident Preceptor for history-taking, physical examination, and record-keeping skills

2002-2004 Brigham and Women's Hospital, resident mentor
 2006-2007 UCSF Intern Diabetes Training
 2007 UCSF Medical student small-group teaching in Endocrinology
 2008 Internal Medicine residents' noon conferences (Irregular Menses; Thyroid Clinical Cases)
 2008-2023 Internal Medicine residents' noon conferences (Inpatient Diabetes Management, Diabetic Ketoacidosis, Insulin pumps) and intern reports
 2009 In-service programs to hospitalists, sub-specialty hospitalists, and post-acute hospitalists on subcutaneous insulin protocol
 2009 Cardiology fellows' noon conference (Inpatient Diabetes Management)
 2009 Psychiatry residents' noon conference (Inpatient Diabetes Management)
 2009 Kidney transplant team noon conference (Inpatient Diabetes Management)
 2009-2012 Mentor to CPMC Internal Medicine resident
 2008-2019 Nursing Continuing Education on Inpatient Diabetes
 2014 Pacific campus hospitalists, update on inpatient diabetes
 2014-2017 St. Luke's hospitalists, update on inpatient diabetes
 2015-2017 Davies hospitalists, update on inpatient diabetes
 2018 Sutter system-wide Inpatient Diabetes webinar (subcutaneous insulin)
 2019 Sutter system-wide Inpatient Diabetes webinar (intravenous insulin)
 2021 Valley Region hospitalists, update on inpatient diabetes (recorded and posted on Sutter clinical resources webpage)

TEACHING AIDS

2000 Development of new program and training materials for STOPAIDS program (training peer educators at New Haven, CT high schools)
 2006 Intern "Survival" Curriculum update (contributor), Brigham and Women's Hospital

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AWARDS AND GRANTS

R21 AT003374-01A1 (Co-investigator) 8/1/06-6/30/09
 NIH/NCCAM
 Uridine supplementation, mitochondrial dysfunction, and glucose metabolism in HIV

PEER REVIEWED PUBLICATIONS

Fuchs M. Woburn's Burden of Proof: Corporate Social Responsibility and Public Health. *Journal of Undergraduate Sciences*, Harvard University; August 1996:29-34.

Fuchs M, Ryder R, Kozlov AP. Post-perestroika paradigm shift: Attitudes of medical students and health care providers toward HIV prevention and control in St. Petersburg, Russia. *Russian Journal of HIV/AIDS* 1999; 3(2):42-46.

Sarrel PM, Nawaz H, Chan W, **Fuchs M**, Katz DL. Raloxifene and endothelial function in healthy postmenopausal women. *Am J Obstet Gynecol* 2003; 188(2):304-309.

Weinberg ME, Manson JE, Buring JE, Cook NR, Seely EW, Ridker PM, Rexrode KM. Low SHBG is associated with the metabolic syndrome in postmenopausal women. *Metabolism Clinical and Experimental* 2006; 55(11):1473-80.

Weinberg ME, Bacchetti P, Rushakoff RJ. Frequently repeated glucose measurements overestimate the incidence of inpatient hypoglycemia and severe hyperglycemia. *J Diabetes Sci Technol* 2010; 4(3): 577-582.

Rao MN, Mulligan K, Tai V, Wen MJ, Dyachenko A, **Weinberg M**, Li X, Lang T, Grunfeld C, Schwarz JM, Schambelan M. Effects of insulin-like growth factor (IGF)-I/IGF-binding protein-3 treatment on

glucose metabolism and fat distribution in human immunodeficiency virus-infected patients with abdominal obesity and insulin resistance. *J Clin Endocrinol Metab* 2010;95(9):4361-6.

Weinberg ME, Roman MC, Jacob P, Wen M, Cheung P, Walker UA, Mulligan K, and Schambelan M. Enhanced Uridine Bioavailability Following Administration of a Triacetyluridine-Rich Nutritional Supplement. *PLoS One*. 2011; 6(2): e14709

Schwarz JM, Noworolski SM, Wen MJ, Dyachenko A, Prior JL, **Weinberg ME**, Herraiz LA, Tai VW, Bergeron N, Bersot TP, Rao MN, Schambelan M, Mulligan K. Effect of a High-Fructose Weight-Maintaining Diet on Lipogenesis and Liver Fat. *J Clin Endocrinol Metab*. 2015 Mar 31:jc20143678. [Epub ahead of print]

Klonoff DC, Wang J, Rodbard D, **Weinberg ME**, et al. A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings. *J Diabetes Sci Technol*. 2022 Mar 29;19322968221085273. [Epub ahead of print]

NON-PEER REVIEWED PUBLICATIONS AND OTHER CREATIVE ACTIVITIES

Case Reports

When Zebras Outrace Horses: Unifying Cushing's Syndrome and Anterior Mediastinal Mass. Scotto L, Honda Y, Weinberg M. Published on-line by the Society of General Internal Medicine: <http://www.sgim.org/web-only/clinical-images/when-zebras-outrace-horses-unifying-cushing-s-syndrome-and-anterior-mediastinal-mass#sthash.2Ss1c2No.dpuf>

Catecholamine Induced Peripartum Cardiomyopathy: A Rare Reversible Cause. Chandra M and Weinberg M. Poster at American College of Physicians National meeting, Boston 2015.

Choo J, Liu H, Kwan C, Weinberg M. Metamorphosis of a Silent Corticotroph Adenoma to Florid Cushing's Disease. Poster presentation, CPMC Research Day, San Francisco June 2019; Also presented at American College of Physicians California chapter meeting.

Books and Chapters

Weinberg ME, editor of Endocrine chapters (Hypothyroidism, Hyperthyroidism, Thyroid nodules, Osteoporosis, Hypercalcemia, Diabetes), *St. Francis Guide Clinical Clerkship in Outpatient Medicine*, 2nd edition. Lippincott Williams & Wilkins 2007.

Weinberg ME, Lo JC, Grunfeld C, Schambelan MS. "Endocrine Complications of HIV Infection." *Global HIV/AIDS Medicine*, Eds. Volberding, Sande, Lange, Greene. Saunders Elsevier 2008.

Weinberg ME, Antoniucci D, Earle K. Endocrine chapter *in* First Aid for the American Board of Internal Medicine examination, 2nd edition, Eds. Le, Chin-Hing, Baudendistel. McGraw Hill Medical 2008.

Schafer A, **Weinberg M**, Rushakoff R. "Management of the Hospitalized Diabetic Patient" in *Diabetes Manager* (on-line resource, last revised 2010).
<http://diabetesmanager.pbworks.com/w/page/17680263/Management%20of%20the%20Hospitalized%20Diabetic%20Patient>

Weinberg ME and Schambelan MS. “Bone and calcium disorders in HIV-infected patients” in *UpToDate*. (ongoing)

Weinberg ME and Schambelan MS. “Pituitary and adrenal gland dysfunction in HIV-infected patients” in *UpToDate*. (ongoing)

Weinberg ME and Schambelan MS. “Thyroid gland dysfunction in HIV-infected patients” in *UpToDate*. (ongoing)

Weinberg ME and Schambelan MS. “Hypogonadism in HIV-infected males” in *UpToDate*. (ongoing)

ABSTRACTS

Sarrel PM, Nawaz H, Chan W, **Fuchs M**, Katz DL. “Raloxifene improves brachial artery and microcirculatory flow-mediated dilation in healthy postmenopausal women.” *Circulation* 2000; 102(18):II-107. American Heart Association national meeting (2000) for oral presentation.

Fuchs ME, Manson JE, Buring JE, Cook NR, Seely EW, Ridker PM, Rexrode KM. “Endogenous sex hormones and the metabolic syndrome.” Endocrine Society, 2004.

Weinberg ME and Rushakoff RJ. “Inclusion of Frequently Repeated Glucose Measurements Overestimates the Incidence of Inpatient Hypoglycemia and Severe Hyperglycemia.” American Diabetes Association, 2007.

Weinberg ME and Rushakoff RJ. “Using Glucometrics to Assess Day-to-Day Change in Glycemic Control During Hospital Admission.” American Diabetes Association, 2007.

Weinberg ME, Roman MC, Jacob P, Wen M, Yu L, Walker UA, Mulligan K, Schambelan M. “Single dose and cumulative pharmacokinetics of the food supplement NucleomaxX® and mechanism for enhanced bioavailability of uridine.” International Lipodystrophy Workshop, 2007.

Weinberg ME, Roman MC, Jacob P, Wen M, Yu L, Walker UA, Mulligan K, Schambelan M. “Single dose and cumulative pharmacokinetics of the food supplement NucleomaxX® and mechanism for enhanced bioavailability of uridine.” Bay Area Clinical Research Symposium, 2007.

Noworolski SM, Mulligan K, Wen M, Herraiz L, **Weinberg M**, Lee GA, Schwarz JM. “Short-term dietary effects on liver lipids measured with 3T MRS.” International Society for Magnetic Resonance in Medicine, 2008.

Rao MN, Mulligan K, Schwarz J-M, Tai VW, Wen M, **Weinberg M**, Dyachenko A, Lang T and Schambelan M. “Effects of IGF-1/IGFBP-3 treatment on glucose metabolism and fat distribution in HIV-infected patients with abdominal obesity and insulin resistance.” International Lipodystrophy Workshop, 2008.

Chong L, Tschai B, **Weinberg M**, Swenson S. “Evaluating the need for standard protocol for transition from subcutaneous to intravenous insulin.” Society for General Internal Medicine, 2010.

Carmichael A, **Weinberg M**, Jain S, Jaffee I. “Hypercalcemia of Malignancy Due to Ectopic PTH Production From Metastatic Endometrioid Adenocarcinoma Effectively Treated with Cinacalcet.” Endocrine Society National Meeting, 2016.

Bao G, Kwan C, **Weinberg M**. “Elevated Levothyroxine Requirements Post-Partum as Initial Presentation of Placenta Accreta.” Endocrine Society National Meeting, 2020.

ADVISORY BOARD

2023 Cercacor (medical device company, Irvine, CA)

LEGAL WORK

2023 Consulting expert for *Kalamas vs John Muir Health and Calvin Knight* (Bartko Zankel Bunzel & Miller)

2023 Consulting expert for *Radius vs Orbicular* (Choate, Hall & Stewart LLP via IMS Consulting)