

Yehuda Handelsman, MD, FACP, FNLA, FASPC, MACE
Endocrinology
Diabetes * Metabolism * Internal Medicine
Diplomate American Board Internal Medicine

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Curriculum Vitae

Personal Information

Date of Birth: August 22, 1947

Place of Birth: Tel Aviv, Israel

Citizenship: USA

Current Positions

Medical Director & Principal Investigator, Metabolic Institute of America
Chair Scientific Advisory Board DCMi- Diabetes, CardioRenal & Metabolism Institute- a Think Tank
Chair & Program Director, World Congress on Insulin Resistance, Diabetes & CVD
Chair & Program director, Heart in Diabetes- initiative and Medical Congress
Chair, DCRM Multispecialty Practice Recommendations for the management of diabetes, cardiorenal, and metabolic diseases
Chair & Editor, International Lipid Forum (ILF) The LipidForum
Member, Medical Advisory Board. 10FoldMed. Israel
Country Chair- US, ARISE-HF, research, Applied Therapeutics AT-001-2001
Past President, AACE, ACE & Pacific lipid Association

Education

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| Sackler Faculty of Medicine – Tel Aviv University, Tel Aviv, Israel. MD | 1984 |
| University of the Pacific – Stockton, California. B.A. Summa Cum Laude | 1975 |
| San Joaquin Delta College – Stockton, California. A.A. Highest Honors | 1973 |

Postdoctoral Education

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| Fellowship Diabetes/Endocrinology – University of Southern California – Medical School. Los Angeles, California | 1988-90 |
| Continuing Medical Education, Internal Medicine – The College of Physicians & Surgeons of Columbia University. New York, New York | 1988 |
| Residency, Internal Medicine – New York Infirmary Beekman Downtown Hospital. Affiliate – New York University. New York City, New York | 1986-88 |
| Internship, Internal Medicine – New York Infirmary Beekman Downtown Hospital. Affiliate – New York University. New York City, New York | 1985-86 |
| Internship, Rotating – Wolfson Hospital. Hulon, Israel | 1982-83 |

Present Professional Positions and Appointments

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| Private Practice,— Endocrinology, Diabetes, Metabolism, & Internal Medicine. Focus on the high risk patient, utilizing a uniquely developed comprehensive, multiple interventions to preventing cardiovascular disease. Obesity, Diabetes, Cholesterol & Lipid Disorders, Hypertension, PCOS, Insulin Resistance, Metabolic Syndrome, Thyroid & Osteoporosis. Tarzana, California. | 1991- |
| Metabolic Institute of America- Medical Director & Principal Investigator. Committed to Metabolic Disorders education & research- America Clinical Trials. Diabetes, Lipid, HTN, Obesity, Preventive Cardiology, Thyroid & Osteoporosis. Tarzana, California | 1998- |
| Senior Scientific & Education Consultant— “Metabolic Endocrine Education Foundation”- to improve patient’s care through education of health care professionals, the public & support clinical research. Tarzana, California. | 2002- |
| America Clinical Trial- Principal investigator. Conducting metabolic clinical trials Such as Diabetes, Obesity, Lipid, Prevent cardiology, osteoporosis. Tarzana CA | 2012 |
| Chair Scientific Advisory Board- Diabetes, CardioRenal & Metabolism Institute- DCMi, a Thinktank | 2021 |
| Member, Medical Advisory Board. 10FoldMed. Israel | 2021 |
| Chair, DCRM Multispecialty Practice Recommendations for the management of diabetes, cardiorenal, and metabolic diseases | 2021 |
| Chair, The Early Intervention and Intensive Therapy in T2D & CardioRenalMetabolic Diseases- Consensus Development. A DCMi Initiative | 2022 |
| Country Chair- US, ARISE-HF, research, Applied Therapeutics AT-001-2001 | 2019- |
| Chair, Founder, Program Director, “Annual World Congress on Insulin Resistance, diabetes & CVD” - WCIRDC | 2003- |
| Chair, Founder & Program director, The Heart in Diabetes, initiative & Congress | 2016- |
| Chair, Founder & Editor - International Lipid Forum The LipidForum | 2013- |
| Chair & Founder, International Committee for Insulin Resistance | 2003- |
| Chair & Founder, Los Angeles Forum for Diabetes & Complications | 2007- |
| Clinical Association of California Endocrinologists- CACE, Industry Relations | 2020 |
| Clinical Association of California Endocrinologists- CACE Virtual PCP Programs | 2020 |
| Clinical Association of California Endocrinologists- CACE, Past Presidents Advisory | 2020 |
| AACE Past Presidents Council | 2017 |

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| Chair, Task Force AACE Lipid Management Algorithm | 2018-20 |
| Member, AACE Comprehensive Diabetes Management Algorithm | 2013-20 |
| Member, AACE CGM/Insulin Pump Guideline | 2019-21 |
| Past-President, American College of Endocrinology | 2014-15 |
| Past President, American Association of Clinical Endocrinologists | 2011-12 |
| Past, President, Pacific Lipid Association | 2018-19 |
| Past member Board of Directors, American Association for Preventive cardiology | 2016-19 |
| Member, Advisory Board, DNATIX, the genetic blockchain company – digital genetics service provider, Israel | 2018 |
| Member Los Angeles Lipid Association | 2010 |
| Past President, California- American Association of Clinical Endocrinologists | 2006-8 |
| Chair Task Force & Writing committee Co Chair - AACE 2017 Lipid Guideline | 2017 |
| Chair, AACE 2015- Diabetes Mellitus Comprehensive Care Guideline | 2015 |
| Chair, AACE/ACE Scientific & Clinical Review: Association of SGLT2i & DKA | 2015 |
| Pillar Chair, member of writing committee: AACE Consensus meeting on CGM | 2016 |
| Pillar Co-Chair & writing committee: AACE/ACE Consensus Conference on Glucose monitoring. | 2014 |
| Member- AACE Consensus Panel on Insulin Pump Management | 2014 |
| Member- AACE Consensus Panel on Continuous Glucose Monitors & Glucose Meter | 2010 |
| Chair, AACE Consensus on Diabetes, Obesity and Cancer, New York | 2012-13 |
| Chair, Workshop & Writing Committee AACE Consensus statement on the Clinical Approach to the detection of Lipodystrophy | 2012 -13 |
| Pillar Co-Chair & writing committee: AACE/ACE Consensus Conference on Obesity: Building an Evidence Base for Comprehensive Action | 2013 |
| Past Chair & Founder, Diabetes Education programs for Primary Care Physicians and Allied health – CalAACE & National AACE | 2004-2016 |
| Member, American Association of Clinical Endocrinologists task force on Guideline For Management of Dyslipidemia and Prevention of Atherosclerosis. | 2012 |

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| Advisor & Founder AACE Primary Care Physicians, Education Initiative Committee | 2010-13 |
| President, American Association of Clinical Endocrinologists | 2011-12 |
| President, AACECORP Board of Directors | 2011-12 |
| Chancellor, American College of Endocrinology | 2012-13 |
| Member, Lipids Resource Center | 2018 |
| Member AACE Lipid & CV Health Disease network | 2018 |
| Member AACE Diabetes Disease network | 2018 |
| Member, AACE, Obesity Disease network | 2018 |
| Member, ASPC External Relations Committee | 2018 |
| Member, Advocacy Committee, National Lipid Association | 2015- |
| Member & Advisor, AACE Annual Meeting Clinical Congress program committee | 2008-19 |
| Endocrine University® Program Committee | 2014 |
| Member, Pacific Lipid Association Board of Directors | 2009-14 |
| Chair, American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for developing a diabetes mellitus comprehensive care plan | 2011 |
| Member, Diabetes Committee- Providence Tarzana Medical Center, Tarzana, CA | 2008- |

Journals Editorial Boards

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|---|-------|
| Editor, The Lipid Forum Online News of the International Lipid Forum | 2017- |
| Associate Editor, “Journal of Diabetes” an International peer reviewed journal, Based in China, devoted to diabetes research, therapeutics, and education | 2007- |
| Member Editorial Panel “European Medical Journal – Diabetes” | 2012- |
| Member, Editorial advisory panel “Treatment Strategies – Diabetes” Cambridge Research center, United Kingdom | 2010- |
| Member, Editorial Advisory Board “Clinical Endocrinology News” | 2005- |
| Member, Editorial Board- “Endocrine Today” | 2015- |
| Guest Editor- “Diabetes and Vascular Disease Research” Journal A Special issue Honoring Gerald Reaven” | 2019 |
| Guest Editor- “Journal of Diabetes” The 2 nd Heart In Diabetes | 2019 |

Guest Editor- Journal of Clinical Hypertension: Diabetes & Hypertension: Comprehensive Report On Management And The Prevention Of Cardiovascular & Renal Complications 2011

Guest Editor- Postgraduate Medicine Journal: “The Use Of The Bile Acid Sequestrant Colesevelam In Patients With Type 2 Diabetes: For Glucose And Lipid Control” 2009

Guest Editor- Journal of Metabolic Syndrome and Related Disorders: “The 2nd World Congress on the Insulin Resistance Syndrome” 2005

Honors and Awards

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| Visionary Leader in Medical Education and Cardi-Renal Metabolic Science | 2022 |
| Fellow, American Society of Preventive Cardiology | 2018 |
| America's best physicians | 2018 |
| Master, American College of Endocrinology | 2017 |
| Albert Nelson Marquis Lifetime Achievement Award (Marquis Who is Who) | 2017 |
| “The Leading Physicians of the world” | 2015- |
| Diabetes Philippines- “Dr. Ricardo E. Fernando Endowed Lectureship Award” | 2012 |
| Best Doctors in America | 2011- |
| Medical Science Award of Excellence- American Public Medical Health Group | 2011 |
| Fellow, National Lipid Association | 2010 |
| Distinguished Leader in Insulin Resistance- International Committee for Insulin Resistance | 2008 |
| Super Doctor- “Southern California Super Doctors” Los Angeles Magazine | 2008- |
| Education Recognition Award – World Congress, Insulin Resistance Syndrome | 2006 |
| “America’s Top Physicians” – (Consumers Research Council of America) | 2006- |
| Fellow, American College of Endocrinology | 2000 |
| Who’s Who in America | 2000- |
| Who’s Who in the World | 2000- |
| Who’s Who in Medicine and Healthcare | 1999- |
| Fellow, American College of Physicians | 1999 |

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| Physician Recognition Award with Commendation – American Medical Association | 1998 |
| Physician Recognition Award – California Medical Association | 1995, 1998 |
| Physician Recognition Award – American Medical Association | 1988, 1995 |
| Summa cum Laude – University of the Pacific, Stockton, California | 1975 |
| PHI KAPPA PHI – National Academic Honor Society | 1975 |
| Highest Honors – San Joaquin Delta College, Stockton, California | 1973 |
| ALPHA GAMMA SIGMA – California Academic Honor Society | 1973 |
| The Helen E. Danner – Academic Honor Award | 1973 |

Medical Societies

American Association for Preventive Cardiology, American Heart Association, The Endocrine Society, American Diabetes Association, National Lipid Association, American Association of Clinical Endocrinologists, American Thyroid Association, American Medical Association, California medical Association, LA County Medical Assoc.

Book

Clinical Management of Cardiovascular Risk in Diabetes and Obesity

Authors: **Yehuda Handelsman, MD, Robert S. Rosenson.**

Publisher: Professional Communications, Inc.

First Edition Copyright 2016; printed in the USA ISBN: 978-1-932610-96-3

Book Chapters

Epidemiology and its Implications. Authors: **Zachary B., Yehuda H.** Diabetes in: Lipoproteins In: *Diabetes Mellitus, 2nd ed Jenkins A.J,* 2022 Editor: **Toth P.P (Eds)** Cham: Humana Press. (Contemporary Diabetes)

Cardiometabolism: Reducing Risks to Optimize Cardiovascular Disease Outcomes.

Authors: **Wong N, Handelsman Y.** In: *ASPC Manual of Preventive Cardiology 2021*

Editors **Wong N** et al. Springer ISBN 978-3-030-56278-6

Diabetes Mellitus: Recent Developments and Clinical Implications.

Authors: **Handelsman RG, Handelsman Y.** In: *Manual of Endocrinology and Metabolism, 5th Edition 2018* Editor: **Lavin N Lippincott Manual Series** Wolters Kluwer Health: ISBN 13: 9781496322647

Publications

Hamid A, Handelsman Y, Butler J. DCRM Multispecialty Recommendations in Patients With Heart Failure. *J Card Fail.* 2022 Aug 13;S1071-9164(22)00674-1. doi: 10.1016/j.cardfail.2022.07.053. Online ahead of print. PMID: 35973620

Miller M, Tokgozoglu L, Parhofer KG, Handelsman Y, Leiter LA, Landmesser U, Brinton EA, Catapano AL. Icosapent ethyl for reduction of persistent cardiovascular risk: a critical review of major medical society guidelines and statements. *Expert Rev Cardiovasc Ther.* 2022 Jul 28;1-17. doi: 10.1080/14779072.2022.2103541. Online ahead of print. PMID: 35876118

Handelsman Y, Bunch TJ, Rodbard HW, Steinberg BA, Thind M, Bigot G, Konigsberg L, Wieloch M, Kowey PR. Impact of dronedarone on patients with atrial fibrillation and diabetes: A sub-analysis of the ATHENA and EURIDIS/ADONIS studies. *J Diabetes Complications.* 2022 Jun 8;108227. doi: 10.1016/j.jdiacomp.2022.108227. Online ahead of print. PMID: 35717354

Handelsman Y, Anderson JE, Bakris GL, Ballantyne CM, Beckman JA, Bhatt DL, Bloomgarden ZT, Bozkurt B, Budoff MJ, Butler J, Dagogo-Jack S, de Boer IH, DeFronzo RA, Eckel RH, Einhorn D, Fonseca VA, Green JB, Grunberger G, Guerin C, Inzucchi SE, Jellinger PS, Kosiborod MN, Kushner P, Lepor N, Mende CW, Michos ED, Plutzky J, Taub PR, Umpierrez GE, Vaduganathan M, Weir MR. DCRM Multispecialty Practice Recommendations for the management of diabetes, cardiorenal, and metabolic diseases. *J Diabetes Complications.* 2022 Feb;36(2):108101. doi: 10.1016/j.jdiacomp.2021.108101. Epub 2021 Dec 7.

PMID: 34922811 **Grunberger G, Sherr J, Allende M, Blevins T, Bode B, Handelsman Y, Hellman R, Lajara R, Roberts VL, Rodbard D, Stec C, Unger J.** American Association Of Clinical Endocrinology Clinical Practice Guideline: The Use Of Advanced Technology In The Management Of Persons With Diabetes Mellitus. *Endocr Pract.* 2021 Jun;27(6):505-537. doi:10.1016/j.eprac.2021.04.008. PMID: 34116789

Handelsman Y, Jellinger PS, Guerin CK, Bloomgarden ZT, Brinton EA, Budoff MJ, Davidson MH, Einhorn D, Fazio S, Fonseca VA, Garber AJ, Grunberger G, Krauss RM, Mechanick JI, Rosenblit PD, Smith DA, Wyne KL Consensus Statement By The American Association Of Clinical Endocrinologists And American College Of Endocrinology On The Management Of Dyslipidemia And Prevention Of Cardiovascular Disease Algorithm –2020 Executive Summary *Endocr Pract.* 2020 Oct;26(10):1196-1224. doi: 10.4158/CS-2020-0490. PMID: 33471721

Duprez DA, Handelsman Y, Koren M. Cardiovascular Outcomes and Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors: Current Data and Future Prospects. *Vasc Health Risk Manag.* 2020 Oct 7;16:403-418. doi: 10.2147/VHRM.S261719. eCollection 2020. PMID: 33116551

Khan MS, Fonarow GC, McGuire DK, Hernandez AF, Vaduganathan M, Rosenstock J, Handelsman Y, Verma S, Anker SD, McMurray JJV, Kosiborod MN, Butler J. Glucagon-Like Peptide 1 Receptor Agonists and Heart Failure: The Need for Further Evidence Generation and Practice Guidelines Optimization. *Circulation.* 2020 Sep 22;142(12):1205-1218. doi: 10.1161/CIRCULATIONAHA.120.045888. Epub 2020 Sep 21. PMID: 32955939

Handelsman Y, Bloomgarden Z. Paradigm Shift in the management of DM & CVD- Preventing The Next CV Event *J Diabetes.* 2020 Jun 23. doi: 10.1111/1753-0407.13079.

Bloomgarden Z., Handelsman Y Management and prevention of cardiovascular disease for type 2 diabetes: Integrating the diabetes management recommendations of AACE, ADA, EASD, AHA, ACC, and ESC *Am J Prev Cardiol.* 2020 May 1;1:100007. doi: 10.1016/j.ajpc.2020.100007.

Garber AJ, Handelsman Y, Abrahamson MJ, Barzilay JI, Blonde L, Bush, MA, DeFronzo RA, Einhorn D, Garber JR, Garvey WT, Grunberger G, Hirsch IB, Jellinger PS, McGill JB, Mechanick JI, Rosenblit PD, Umpierrez GE. Consensus Statement By The American Association Of Clinical Endocrinologists And American College Of Endocrinology On The Comprehensive Type 2 Diabetes Management Algorithm - 2020 Executive Summary. *Endocr Pract.* 26 (1), 107-139. PMID: 32022600 DOI:10.4158/CS-2019-0472

Butler J, Handelsman Y, Bakris G, Verma S, Use of sodium–glucose co-transporter-2 inhibitors in patients with and without type 2 diabetes: implications for incident and prevalent heart failure. *European Journal of Heart Failure* 2020 Jan; DOI:10.1002/ejhf.1708 [Epub ahead of print]

Handelsman Y, Muskiet MHA, Meneilly GS. Combining GLP-1 Receptor Agonists and Basal Insulin in Older Adults with Type 2 Diabetes: Focus on Lixisenatide and Insulin Glargine. *Adv Ther.* 2019 Dec;36(12):3321-3339. doi:10.1007/s12325-019-01126-x. Epub 2019 Oct 23. Review. PubMed PMID: 31646466; PubMed Central PMCID: PMC6860469.

Bloomgarden Z, Handelsman Y. Sodium-glucose cotransporter 2 inhibitors for macroalbuminuria: A new indication. *J Diabetes.* 2019 Nov 13. doi: 10.1111/1753-0407.13005. [Epub PMID: 31722441]

Handelsman Y. Rationale for the Early Use of Sodium-Glucose Cotransporter-2 Inhibitors in Patients with Type 2 Diabetes. *Adv Ther.* 2019 Aug 23. doi: 10.1007/s12325-019-01054-w. Epub 2019 Aug 23. Review. PubMed PMID: 31444707; PubMed Central PMCID: PMC6822830

Bhatt DL, Steg PG, Mehta SR, Leiter LA, Simon T, Fox K, Held C, Andersson M, Himmelmann A, Ridderstråle W, Chen J, Song Y, Diaz R, Goto S, James SK, Ray KK, Parkhomenko AN, Kosiborod MN, McGuire DK, Harrington RA; THEMIS Steering Committee and Investigators. Ticagrelor in patients with diabetes and stable coronary artery disease with a history of previous percutaneous coronary intervention (THEMIS-PCI): a phase 3, placebo-controlled, randomised trial. *Lancet.* 2019 Aug 30. pii: S0140-6736(19)31887-2. doi: 10.1016/S0140-6736(19)31887-2. Epub 2019 Sep 1. PubMed PMID: 31484629

Steg PG, Bhatt DL, Simon T, Fox K, Mehta SR, Harrington RA, Held C, Andersson M, Himmelmann A, Ridderstråle W, Leonsson-Zachrisson M, Liu Y, Opolski G, Zateyshchikov D, Ge J, Nicolau JC, Corbalán R, Cornel JH, Widimský P, Leiter LA; THEMIS Steering Committee and Investigators. Ticagrelor in Patients with Stable Coronary Disease and Diabetes. *N Engl J Med.* 2019 Oct 3;381(14):1309-1320. doi:10.1056/NEJMoa1908077. Epub 2019 Sep 1. PubMed PMID: 31475798

Handelsman Y. Misconceptions about diabetes management in cardiology. [published online August 6, 2019]. *Cardiology Consultant*

Handelsman Y. Comprehensive care in patients with CVD and diabetes [published online July 22, 2019]. *Cardiology Consultant*

Tomaszewski KJ, Allen A, Mocarski M, Schiffman A, Kruger D, Handelsman Y, Heile M, Brod M Divergence in perceptions of diabetes control among patients with type 2 diabetes mellitus treated with basal insulin and health care professionals: results from the US Perceptions of Control (POC-US) study; *Patient Preference and Adherence*; 2019 May 10;13:761-773. doi: 10.2147/PPA.S194598. eCollection 2019. PubMed PMID: 31190758; PubMed Central PMCID: PMC6520481

Handelsman Y, Bloomgarden Z. Introduction 2nd HiD . *J Diabetes.* 2019 May 7. doi:10.1111/1753-0407.12925. [Epub ahead of print] PubMed PMID: 31066171.

Handelsman Y. Gerald Reaven: A man for our times. *Diab Vasc Dis Res.* 2019 Mar;16(2):113-115. doi: 10.1177/1479164119827769. PubMed PMID: 31014094

Rosenson RS, Daviglus ML, Handelsman Y, Pozzilli P, Bays H, Monsalvo ML, Elliott-Davey M, Somaratne R, Reaven P. Efficacy and safety of evolocumab in individuals with type 2 diabetes mellitus: primary results of the randomized controlled BANTING study. *Diabetologia.* 2019 Apr 5. doi: 10.1007/s00125-019-4856-7. [Epub ahead of print] PubMed PMID: 30953107.

Handelsman Y, Wyne K, Cannon A, Shannon M, Schneider D. Corrections. *J Manag Care Spec Pharm.* 2018 Nov;24(11):1196a. doi: 10.18553/jmcp.2018.24.11.1196a. PubMed PMID: 30806138.

Mechanick JI, Garber AJ, Grunberger G, Handelsman Y, Garvey WT. Dysglycemia-Based Chronic Disease: An American Association Of Clinical Endocrinologists Position Statement. *Endocr Pract.* 2018 Nov;24(11):995-1011. doi:10.4158/PS-2018-0139. PubMed PMID: 30763128.

Garber AJ, Abrahamson MJ, Barzilay JI, Blonde L, Bloomgarden ZT, Bush MA, Dagogo-Jack S, DeFronzo RA, Einhorn D, Fonseca VA, Garber JR, Garvey WT, Grunberger G, Handelsman Y, Hirsch IB, Jellinger PS, McGill JB, Mechanick JI, Rosenblit PD, Umpierrez GE. Consensus Statement By The American Association Of Clinical Endocrinologists And American College Of Endocrinology On The Comprehensive Type 2 Diabetes Management Algorithm - 2019 Executive Summary. *Endocr Pract.* 2019 Jan;25(1):69-100. doi: 10.4158/CS-2018-0535. Erratum in: *Endocr Pract.* 2019 Feb;25(2):204. PubMed PMID: 30742570.

Li S, Peng Y, Wang X, Qian Y, Xiang P, Wade SW, Guo H, Lopez JAG, Herzog CA, Handelsman Y. Cardiovascular events and death after myocardial infarction or ischemic stroke in an older Medicare population. *Clin Cardiol.* 2019 Jan 29. doi: 10.1002/clc.23160. [Epub ahead of print] PubMed PMID: 30697776.

Handelsman Y, Mathieu C, Del Prato S, Johnsson E, Kurlyandskaya R, Iqbal N, Garcia-Sanchez R, Rosenstock J. Sustained 52-week efficacy and safety of triple therapy with dapagliflozin plus saxagliptin versus dual therapy with sitagliptin added to metformin in patients with uncontrolled type 2 diabetes. *Diabetes ObesMetab.* 2018 Nov 30. doi: 10.1111/dom.13594. [Epub ahead of print] PubMed PMID:30499237

Bloomgarden Z, Einhorn D, Handelsman Y, Grunberger G. Fournier's gangrene and sodium-glucose cotransporter-2 inhibitors: Is there a causal association? *J Diabetes.* 2019 Jan 2. doi: 10.1111/1753-0407.12897. [Epub ahead of print] PubMed PMID: 30600643.

Handelsman Y, Chovanes C, Dex T, Giorgino F, Skolnik N, Souhami E, Stager W, Niemoeller E, Frias JP. Efficacy and safety of insulin glargine/lixisenatideb(iGlarLixi) fixed-ratio combination in older adults with type 2 diabetes. *J Diabetes Complications.* 2018 Nov 30. pii: S1056-8727(18)30601-9. doi:10.1016/j.jdiacomp.2018.11.009. [Epub ahead of print] PubMed PMID: 30600136.

Bloomgarden Z, Handelsman Y. Notes from the world congress on insulin resistance, diabetes, and cardiovascular disease. *J Diabetes.* 2018 Dec 18. doi: 10.1111/1753-0407.12888. [Epub ahead of print] PubMed PMID: 30561080.

Mechanick J, Garber A, Grunberger G, Handelsman Y, Garvey W, Dysglycemia-Based Chronic Disease: An American Association Of Clinical Endocrinologists Position Statement *Endocr Pract.* 2018 Nov DOI: 10.4158/PS-2018-0139 [Epub ahead of print]

Lingvay I, Handelsman Y, Linjawi S, Vilsbøll T, Halladin N, Ranc K, Liebl A. Efficacy And Safety Of Ideglira In Older Patients With Type 2 Diabetes. *Endocr Pract.* 2018 Nov 1. doi: 10.4158/EP-2018-0284. [Epub ahead of print] PubMed PMID: 30383495.

Billings LK, Handelsman Y, Heile M, Schneider D, Wyne K. Health-Related Quality of Life Assessments with Once-Weekly Glucagon-Like Peptide-1 Receptor Agonists in Type 2 Diabetes Mellitus. *J Manag Care Spec Pharm.* 2018 Sep;24(9-a Suppl):S30-S41. doi: 10.18553/jmcp.2018.24.9-a.s30. PubMed PMID: 30156447.

Heile M, Wyne K, Billings LK, Cannon A, Handelsman Y, Shannon M. Cardiovascular Outcomes with Once-Weekly GLP-1 RAs: Clinical and Economic Implications. *J Manag Care Spec Pharm.* 2018 Sep;24(9-a Suppl):S42-S52. doi: 10.18553/jmcp.2018.24.9-a.s42. PubMed PMID: 30156446.

Handelsman Y, Wyne K, Cannon A, Shannon M, Schneider D. Glycemic Efficacy, Weight Effects, and Safety of Once-Weekly Glucagon-Like Peptide-1 Receptor Agonists. *J Manag Care Spec Pharm.* 2018 Sep;24(9-a Suppl):S14-S29. doi: 10.18553/jmcp.2018.24.9-a.s14. PubMed PMID: 30156445.

Cannon A, Handelsman Y, Heile M, Shannon M. Burden of Illness in Type 2 Diabetes Mellitus. *J Manag Care Spec Pharm.* 2018 Sep;24(9-a Suppl):S5-S13. doi: 10.18553/jmcp.2018.24.9-a.s5. PubMed PMID: 30156443.

Rosenstock J, Handelsman Y, Vidal J, Ampudia Blasco FJ, Giorgino F, Liu M, Perfetti R, Meier JJ. Propensity-score-matched comparative analyses of simultaneously administered fixed-ratio insulin glargine 100 U and lixisenatide (iGlarLixi) vs sequential administration of insulin glargine and lixisenatide in uncontrolled type 2 diabetes. *Diabetes Obes Metab.* 2018 Dec;20(12):2821-2829. doi: 10.1111/dom.13462. Epub 2018 Aug 13. PubMed PMID: 29974618.

Bloomgarden Z, Handelsman Y. World congress on insulin resistance, diabetes and cardiovascular disease. *J Diabetes.* 2018 Oct;10(10):776-777. doi: 10.1111/1753-0407.12787. Epub 2018 Jul 4. PubMed PMID: 29971929.

Handelsman Y, Lepor NE. PCSK9 Inhibitors in Lipid Management of Patients With Diabetes Mellitus and High Cardiovascular Risk: A Review. *J Am Heart Assoc.* 2018 Jun 22;7(13). pii: e008953. doi: 10.1161/JAHA.118.008953. Review. PubMed PMID: 29934421

Bloomgarden Z, Einhorn D, Handelsman Y, Misra A, Zonszein J, Grunberger G, Jellinger PS, Garber AJ. ACP Diabetes Guidelines Turn Back the Clock, Conflating Good HbA1c with Hypoglycemia. *J Diabetes.* 2018 Apr 14. doi: 10.1111/1753-0407.12668. PubMed PMID: 29655268.

Bloomgarden Z, Handelsman Y. Transition from hospital to outpatient diabetes care. *J Diabetes.* 2018 Apr 14. doi: 10.1111/1753-0407.12664. [Epub ahead of print] PubMed PMID: 29655199.

Grunberger G, Handelsman Y, Bloomgarden ZT, Fonseca VA, Garber AJ, Haas RA, Roberts VL, Umpierrez GE. American Association Of Clinical Endocrinologists And American College Of Endocrinology 2018 Position Statement On Integration Of Insulin Pumps And Continuous Glucose Monitoring In Patients With Diabetes Mellitus. *Endocr Pract.* 2018 Mar;24(3):302-308. doi: 10.4158/PS-2017-0155. PubMed PMID: 29547046

Garber AJ, Abrahamson MJ, Barzilay JI, Blonde L, Bloomgarden ZT, Bush MA, Dagogo-Jack S, DeFronzo RA, Einhorn D, Fonseca VA, Garber JR, Garvey WT, Grunberger G, Handelsman Y, Hirsch IB, Jellinger PS, McGill JB, Mechanick JI, Rosenblit PD, Umpierrez GE. Consensus Statement By The American Association Ofclinical Endocrinologists And American College Of Endocrinology On The Comprehensive Type 2 Diabetes Management Algorithm - 2018 Executive Summary. *Endocr Pract.* 2018 Jan;24(1):91-120. doi: 10.4158/CS-2017-0153. Epub 2018 Jan 17. PubMed PMID: 29368965.

Vinik AI, Camacho PM, Davidson JA, Handelsman Y, Lando HM, Leddy AL, Reddy SK, Cook R, Spallone V, Tesfaye S, Ziegler D; American Association Of Clinical Endocrinologists and American College Of Endocrinology Position Statement On Testing For Autonomic & Somatic Nerve Dysfunction *Endocr Pract.* 2017 Dec;23(12):1472-1478. doi: 10.4158/EP-2017-0053. PubMed PMID: 29320641.

Fonseca VA, Bloomgarden ZT, Dagogo-Jack S, Grunberger G, Einhorn D, Garber AJ, Handelsman Y, Hirsch IB, Umpierrez GE. Aace/Ace Position Statement On The Use Of Follow-On Biologics And Biosimilars For Endocrine Diseases. *Endocr Pract.* 2017 Nov;23(11):1345-1349. doi: 10.4158/EP-2017-0052. PubMed PMID: 29190135.

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Consensus Conferences & Position Statements

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| Chair DCRM Multispecialty Practice Recommendations for the management of diabetes, cardiorenal, and metabolic diseases | 2021 |
| Pillar Co-Chair & writing committee: AACE/ACE Consensus Conference on CGM | 2016 |
| Chair, AACE/ACE Scientific and Clinical Review: Association of SGLT2 Inhibitors and DKA | 2015 |
| Member, Writing Committee American College of Cardiology consensus on Metabolic Syndrome | 2014-15 |
| Member, American college of cardiology task force LDL: Address the Risk Think Tank | 2013,15 |
| Pillar Co-Chair & writing committee: AACE/ACE Consensus Conference on Obesity: Building an Evidence Base for Comprehensive Action | 2013 |
| Pillar Co-Chair & writing committee: AACE/ACE Consensus Conference on Glucose monitoring. | 2014 |
| Member- AACE Insulin Pump Management Task Force & Writing committee American Association of Clinical Endocrinologists Update Consensus Panel on Insulin Pump Management. | 2013-14 |
| Member, Writing Committee and Task Force: AACE Comprehensive Diabetes Management Algorithm | 2013 |
| Chair, Writing Committee & AACE Task Force Consensus statement on the state of Diabetes and cancer and its management and Clinical Implication | 2013 |

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| Chair, Workshop and Writing groups of AACE Consensus statement on the Clinical Approach to the detection of Lipodystrophy | 2013 |
| Member, Workshop and Writing Committee The Role of Bromocriptine-QR in the Management of Type 2 Diabetes - Expert Panel Recommendations | 2012 |
| Chair, Writing committee and Task Force, Medical Guidelines For Clinical Practice for the Diagnosis and Treatment of Dyslipidemia and Prevention of Atherogenesis 2002 Amended Version – AACE | 2011 |
| President, AACE Board, Position Statement on Healthcare Disparities | 2011 |
| Diabetes Council Chair, Member- AACE Insulin Pump Management Task Force, Statement By the American Association of Clinical Endocrinologists Consensus Panel on Insulin Pump Management | 2010 |
| Diabetes Council Chair, Writing committee and Task Force, Developing a Diabetes Comprehensive Care Plan – AACE | 2011 |
| Diabetes Council Chair, AACE Board: AACE/ACE Statement on the use of A1C for the Diagnosis of Diabetes <i>Endocrine Practice</i> March/April 2010: 2: 155-6 | 2010 |
| Diabetes Council Chair, AACE Board: AACE Position Statement on the Safety of Liraglutide www.AACE.com | 2010 |
| Member, Writing committee and Task force, Consensus Panel on Type 2 Diabetes Mellitus: Algorithm for Glycemic Control – AACE | 2009-10 |
| Chair, Writing Committee, Position Statement Insulin & Cancer – AACE | 2009 |
| Co-Chair, Consensus Conference on the “Diagnosis and Management of Pre-Diabetes in the Continuum of Hyperglycemia or When Do the Risks of Diabetes Begin?” – American College Endocrinology | 2008 |
| Participant, Improving Inpatient Diabetes Care: A Call to Action Conference American College of Endocrinology | 2006 |
| Member, Task Force to Review SMBG Consensus Conference Statement – AACE | 2005-06 |
| Co-Chair, Writing Committee, Reaffirmation of the 2003 ACE Insulin Resistance Syndrome (IRS) Position Statement. – ACE & AACE | 2005 |
| Member, Writing Committee, “Implementation Conference for ACE Outpatient Diabetes Mellitus Consensus Conference” – ACE & AACE | 2005 |
| Member, Writing Committee – Position Statement on Metabolic & Cardiovascular Consequences of Polycystic Ovary Syndrome (PCOS) – AACE | 2004 |
| Participant, Consensus Development Conference on Inpatient Diabetes and Metabolic Control – ACE | 2004 |

Co-Chair, The Insulin Resistance Syndrome – Consensus Conference,
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Endocr Pract. 2006; vol 12, January/February 2006 63

“Assessment and Management of Adult Obesity: A primer for Physicians” American Medical Association, part of the series Roadmaps for clinical practice. Developed in collaboration with the U.S. Department of Health and Human Services, consists of 10 booklets that offer practical recommendations for addressing adult obesity in the primary care setting. *Published AMA 12 14, 2003*

“Medical guidelines for the clinical use of Dietary Supplements and Nutraceuticals” American Association of Clinical Endocrinologists – AACE nutrition guidelines. *Endocr Pract.* 2003;9 417

”Medical Guidelines for Clinical Practice for the evaluation and treatment of Hyperthyroidism and Hypothyroidism” American Association of Clinical Endocrinologists. *Endocr Pract.* 2002;8 457

Reviewer for:

Journal American College of cardiologists
Diabetes, Obesity & Metabolism
Diabetes Care
Journal of Clinical Endocrinology & Metabolism
Circulation
Endocrine Practice
Expert Opinion on Pharmacotherapy (EOP)
Oxford University Press
Mary Ann Liebert, Inc
Journal of Diabetes
Thomson Reuters
Metabolism
Nature
On Drugs Metabolism and toxicology
International journal of Obesity
JAMA
Diabetologia
Journal American College of Cardiologists

Board Certification

Diplomate Internal Medicine, National Board of Physicians and Surgeons 2017, 2019, 2021, 2023

Diplomate American Board Internal Medicine 1996, 2007

Medical Licensure

Nevada Medical License #7496 1995

California Medical License #A044525 1988

Israeli Medical License #17177 1984

Hospital Appointments

Attending Physician, Providence Cedars-Sinai Tarzana Medical Center,
(*New Hospitals partnership- New Name*) Tarzana , California. 2020-

Attending Physician (Voluntary Resignation), Sherman Oaks Hospital, CA 1999-02

Attending Physician (Voluntary Resignation), Encino- Medical Center,
Encino, California. 1991-09

Attending Physician (Voluntary Resignation), Granada Hills Community
Hospital, Granada Hills, California. 1991-97

Attending Physician (Voluntary Resignation), Midway Hospital, Los Angeles,
California. 1990-93

Clinical Instructor of Medicine – University of Southern California
Medical School, Los Angeles, California. 1988–90

Professional Qualifications

Qualified Medical Examiner (QME). 1991

Radiography X-ray Supervisor and Operator. 1990

D. E. A. Number: **BH1514567** 1988

American Heart Association - ACLS/BCLS provider. 1985, 1988

Certificate, F.L.E.X examination #53567, California. 1984

Disclosures for CME

Research grants, consult & speaker honoraria- Amarin, Amgen, AZ, Bayer, BI, BI-Lilly, BMS, Esperion, Gan & Lee, Gilead, Hamni, Janssen, Lexicon, Lilly, Mankind, Merck, Mylan, New Amsterdam, Novartis, Novo Nordisk, Regeneron, Sanofi, Vertice, Vitrus
Dr. Handelsman & his immediate family don't have ownership or stocks in any related financial entity.

Clinical Research (phase 2, 3, 4)

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| Hypertriglyceridemia in Diabetes | 2022 |
| Lp(a) | 2022 |
| Severe Hypertriglyceridemia | 2021 |
| Prevention of CHF National PI | 2019 |
| Diabetes type 2 Long Acting GLP1ra | 2019 |
| Diabetes Type 2 & obesity Long Acting GLP1ra | 2019 |
| Type 1 DM short Acting insulin | 2019 |
| Diabetes Type 1 Insulin Short Acting- | 2018 |
| Obesity & Diabetes Type 2 | 2018 |
| Diabetes Type 2- SGLT2 | 2018 |
| Diabetes Type 1 Insulin Long Acting- Biosimilar (2 trials) | 2018 |
| Diabetes Type 1- SGLT2/1-i | 2017 |
| Diabetes Type 1 Insulin Long Acting | 2017 |
| Obesity in Diabetes Combination Oral Medications | 2017 |
| Diabetes Type 1 Insulin Long Acting | 2017 |
| Diabetes Type 2- SGLT2/1-i | 2017 |
| Diabetes & CVD- PCSK9i | 2016 |
| Non HDL in DM prevent CVD | 2016 |

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| TGL role in CVD | 2016 |
| Type 2 Diabetes in Children | 2016 |
| Type 1 Diabetes- Oral medication | 2015 |
| Diabetes & CVD- PCSK9i | 2015 |
| Diabetes & CVD- Anti coagulation | 2014 |
| Type 2 DM combination insulin GLP1 | 2014 |
| Type 2 DM once weekly GLP1 | 2014 |
| Type 1 Diabetes, early injectable AB | 2014 |
| Type 1 Diabetes- Oral medication | 2014 |
| CV Risk Patients- PCSK9 | 2013 |
| Type 2 DM- implantable GLP1 | 2013 |
| Type 2 Diabetes Insulin & GLP1 | 2013 |
| Type 2 Diabetes DPP4 & statin | 2013 |
| Type 2 DM once weekly DPP4 | 2013 |
| High Cholesterol injectable Antibody | 2012 |
| Type 2 Diabetes CVD Stable Angina Diabetes | 2012 |
| Type 2 Diabetes DPP4 & CVD Safety | 2012 |
| Type 2 DM long acting basal Insulin | 2012 |
| Type 2 DM DPP4 once weekly | 2012 |
| Type 2 Diabetes Insulin & GLP1 | 2011 |
| Type 2 Diabetes Incretin based therapy | 2011 |
| Type 2 Diabetes DPP4 CKD & CVD Safety | 2011 |
| Type 2 Diabetes DPP4 Initial Therapy | 2011 |
| Type 2 Diabetes- SGLT2 based treatment | 2011 |

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| Type 2 Diabetes DPP4 Cardiovascular Safety | 2010 |
| Type 1 Diabetes- anti antibody | 2010 |
| Type 2 Diabetes- anti inflammatory | 2010 |
| Type 2 Diabetes DPP4 Cardiovascular Safety | 2010 |
| Insulin Based Treatment of Diabetes | 2009 |
| Safety of Incretin Based Therapy of Diabetes | 2009 |
| Incretin Based Treatment of Diabetes | 2009 |
| Management of Pre Diabetes – Glucose & Lipids | 2008 |
| Treatment of Diabetes & Lipids | 2008 |
| Incretin Based Treatment of Diabetes | 2008 |
| Diabetes & Weight loss, New Agent, Combination Therapy | 2007 |
| Cholesterol & Diabetes/Pre-Diabetes- Treat or Prevent Diabetes | 2007 |
| Diabetes – Insulin and Multiple Oral Medications | 2007 |
| Diabetes – New Agent Phase 2b, Mono Therapy | 2007 |
| HTN & Metabolic Syndrome | 2007 |
| Diabetes – New Agent, Multiple Therapy | 2006 |
| Active Vitamin D – The Effect on Kidney Disease Progression | 2006-07 |
| Office Based Multiple Clinical Researches - CVD, Lipids, HTN, Diabetes | 1993-05 |
| "Acute Arterial Occlusion" - a retrospective study of 145 cases 1980-1983. The Vascular Surgery Department, Shiba Medical Center, Ramat - Gan, Israel. M.D. Thesis – Presented | 1984 |
| Israeli Surgical Society – Presented | 1985 |
| "Iatrogenic Complications of Vascular Surgeries" A three and a half year Retrospective study. Israeli Surgical Society – Presented | 1985 |

Research Interest & Capability

Diabetes, Obesity, Cholesterol & Dyslipidemia, HTN, Preventive Cardiology, Osteoporosis, PCOS, Thyroid

Equipment:, Carotid US (CIMT), Echocardiogram, vascular US, EKG, Stress Test (Treadmill)

Teaching-Education

National and International Speaker - Over 750 CME related lectures:

Topics: Diabetes, Pre Diabetes, Cholesterol & Dyslipidemia, HTN, Obesity, Insulin Resistance, CHF
Metabolic Syndrome, PCOS, Preventive Cardiology, Osteoporosis, Thyroid, Chronic kidney Disease

Sample CME & Sponsoring Providers:

American College of Physician
Medscape
American Heart Association
American College of Cardiology
American Diabetes Association
Loyola University Chicago
University of Florida
University of Texas Southwestern Medical Center
Johns Hopkins University School of Medicine
University of Tennessee College of Pharmacy
Montefiore Medical Center
Medical World Conferences
The Institute for Medical Education
Antidote
National Kidney Foundation
American Association of Clinical Endocrinology
Cleveland Clinic
UCLA
PriMed
PESI, LLC
CME Solutions
Annenberg Center for Health Science at Eisenhower
Encino Tarzana Regional Medical Center
National Lipid Association
Society of Toxicologists and Pathologists
COHDy Europe
Vanderbilt University

Educational Initiatives – Sample

The role of the kidney in glucose homeostasis
Comprehensive management of Diabetes
AAACE – Incretin National Initiative for Health Care Education
DPP-IV Inhibition: A New Cornerstone in the Treatment of Type 2 Diabetes
Apollo Lipid Education Initiative National Faculty
Thyroid Disorder Education Initiative (TDEI)
The Medical Education Speaker Network
Network for Continuing Medical Education
Diabetes Academy- Improving patient care through Education
ACE National Diabetes Initiative- Education for the Primary Care Physician
ADA – PriMed Update on Diabetes

Inviting Medical & Academic Centers – Sample

Hong Kong College of Cardiology Annual Meeting
Advance Internal Medicine Hong Kong- Annual Meeting
Cedars Sinai Medical Center- Cardiology department
UCLA- School of medicine
Vanderbilt University
Beer Sheba Medical School, Israel
Barcelona Hospital Center, Spain
Harbor UCLA
Hadassah Medical Center, Israel
City of Hope
Kings Drew Medical School
Loma Linda Medical School
University of Southern California
Cleveland Clinic Ohio and Florida
UCLA Pediatric Endocrine Department
Multiple Hospitals- Grand Round
Medical Groups & Large Health Systems
Chinese University of Hong Kong
Colombia Endocrine and Metabolism Society

Inviting Medical Associations – Sample

Chilean Endocrine and metabolic Association
Hong Kong College of Cardiology
Australia Diabetes Society
Indian diabetes Association
Korean Diabetes Association
Brazil Endocrine Association
Spanish Society of Endocrinology and Nutrition
Japan Endocrine Society
Paris NASH French – USA Society
Philippine Endocrine Society
Japan Diabetes Society
Colombia National Endocrine Association
Israel Endocrine Society
Costa Rica Endocrine And Nutrition Association
Philippines AACE
Endocrine University Mayo Clinic
National & Pacific Lipid Association
American Association of Clinical endocrinologists
Chinese Endocrine Association
Philippines Diabetes
Chinese Society of Endocrinology
Philippines Society of Endocrinology
Mexico Society of Endocrinology and Nutrition
American Diabetes Association
Puerto Rican Society of Endocrinology and Diabetology
National Lipid Association – Annual Meeting.

Society of Toxicologic Pathology – Annual Meetings.
 Take care of Your Diabetes (TCOYD)
 Egyptian Society of Endocrinology and Obesity
 D-Cure Russell Burrie Symposium, Israel
 Association of Philippines Physicians of America
 Vascular Biology Working Group
 Philippines College of Physicians, Philippines
 Armenian American Medical Society
 Nevada Diabetes Association for Children & Adults
 The Cypress Foundation Monterey Medical Society
 Trivalley Indian Medical Association Los Angeles
 Endocrine Society of Orange County
 Hong Kong Society of Neurology
 Hong Kong Federation of Medical Specialties

Education –Programs

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| Chair Symposium AACE Annual Pre Congress , Diabetes & CVD | 2019 |
| Annual Paris NASH Symposium | 2017 |
| Chair Symposium AACE Annual Pre Congress , Diabetes & CVD | 2018 |
| Chair & Program Director, The Heart in Diabetes | 2017- |
| Chair & Program Director, World Congress on Insulin Resistance, Diabetes & CVD | 2003- |
| Chair Symposium 14WCIRDC, Management and Prevention of CVD in Metabolic Syndrome & DM: Focus on PCSK9 Inhibitors | 2016 |
| Chair Symposium AACE Annual, LDL-C Reduction in the Patient with Diabetes: How Low Should We Go and How Should We Get There? | 2016 |
| Chair Symposium 13WCIRDC, Cardiovascular Disease: The Management of the High Risk Patient in the PCSK9 Inhibitors Era. | 2015 |
| Chair Symposium 13WCIRDC, Early Intervention in the Continuum of Hyperglycemia – The Role of Initial Combination Therapy | 2015 |
| Chair Symposium ADA Annual, Managing the High Risk Patient – LDL and Beyond: Contemporary and Future Approaches | 2015 |
| Chair Symposium ADA Annual, Comprehensive Management of DM: Focus on SGLT2 Inhibitors and Combination Therapy Emerging Concepts of Renal Effects | 2015 |
| Chair Symposium ADA Annual, Reducing Residual CVD Risk: Shifting The cholesterol Conversation Beyond Statin Therapy | 2015 |
| Chair Symposium AACE Annual, LDL-C Reduction in the High-Risk Patient: How Low Should We Go? | 2015 |

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| Chair Symposium 12WCIRDC, Managing The High Risk Patient LDL and Beyond, Contemporary & Future Approaches | 2014 |
| Chair Symposium EASD Annual, Contemporary T2DM Management: Focus on Safety and Efficacy | 2014 |
| Co-Chair “AACE-ACC Joint meetings ACC Annual & AACE Annual | 2011-2014 |
| Obesity Education Initiative, AACE | 2013-2016 |
| Chair, “Diabetes Update” Providence Tarzana Medical Center, Tarzana CA | 2012-2016 |
| Chair, “Diabetes Update” Providence Tarzana Medical Center, Tarzana CA | 2011 |
| Chair, Obesity Satellite Symposium; “Obesity and Diabetes 2011: The Twin Epidemics” Orlando, FL | 2011 |
| Chair, Symposium Type 2 Diabetes: Combination Therapy for Comprehensive Risk Reduction. Orlando, FL | 2010 |
| Chair, “Diabetes Update” Providence Tarzana Medical Center, Tarzana CA | 2010 |
| Chair, Symposium The Role of Gut Hormone: A Fresh Look At Hormonal Approaches to T2DM, Weight, and Cardiometabolic Risk. Boston, MA | 2010 |
| Chair, AACE Diabetes – New Frontier in Clinical Practice. Boston, MA | 2010 |
| Chair, Multi Marker Approach to Type 2 Diabetes Risk Consensus Conference Orlando, FL | 2010 |
| Chair, Symposium, Type 2 Diabetes – Comprehensive Intervention for CVD Reduction. ADA Annual, New Orleans, LA | 2009 |
| Chair, Symposium Obesity & Type 2 Diabetes, AACE Annual, Boston, MA | 2009 |
| Chair & Program Director, “Diabetes Update 2009” Providence Tarzana Medical Center, Los Angeles, CA | 2009 |
| Chair & Program Director, “Diabetes Update 2008” Tarzana Regional Medical Center, Los Angeles, CA | 2008 |
| Chair & Program Director, “Diabetes Update 2007” Encino Tarzana Regional Medical Center, Los Angeles, CA | 2007 |
| Lectures, “Metabolic Clinic” A Series of Lectures on Metabolic Disorders Encino Tarzana Regional Medical Center, Los Angeles, CA | 2007 |
| Chair & program Director: “Diabetes today and tomorrow” a tribute to Dr. Robert Rood, A Series of Lectures Presenting National Leaders in Diabetes in Pregnancy, New Technology and Complete Care | 2005 |

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| Co-Chair- Diabetes Education Programs for Primary Care Physicians and Allied health, Los Angeles, CA | 2004 |
| Program Chair, California Chapter/Western consortium, “American Association of Clinical Endocrinologists 4 th Annual Meeting & Symposium”, San Francisco, CA | 2004 |
| Course Chair, Director and Founder, “1 st Annual World Congress on Insulin Resistance Syndrome”, Universal City, CA | 2003 |
| Program Chair, California Chapter/Western consortium, “American Association of Clinical Endocrinologists 3 rd Annual Meeting & Symposium”, Century City, CA | 2003 |
| Chair, Program Director, “Insulin Resistance Metabolic Syndrome X: Hypertension, Obesity, Dyslipidemia, Diabetes & the Heart ”, Universal City, CA | 2002 |
| Program Chair, California Chapter, AACE 2 nd Annual Meeting & Symposium, Las Vegas, NV | 2002 |
| Co-Chair, The Insulin Resistance Syndrome – Consensus Conference, AACE/ACE, Washington D.C. | 2002 |
| Chair, Program Director, “Women & Menopause” Universal City, CA | 2002 |
| Chair, Program Director – “Metabolic- Insulin Resistance – Syndrome: Syndrome X, Diabetes, Hypertension & the Heart”, Woodland Hills, CA | 2001 |
| Program Chair, California Chapter, “American Association of Clinical Endocrinologists 1st Annual Meeting & Symposium”, Anaheim, CA | 2001 |
| Course Chair, Inaugural Meeting, California Chapter, American Association of Clinical Endocrinologists, San Francisco, CA | 2001 |
| Chair, Program Director – “Syndrome X, Diabetes, Obesity, Hypertension & the Heart”, Woodland Hills, CA | 2000 |
| Chair, Program Director – “Syndrome X, Diabetes, Obesity & the Heart”, Woodland Hills, CA | 1999 |
| Moderator, Monthly Endocrine & Metabolism – Grand Round, Encino Tarzana Medical Center, Tarzana, CA | 1998-04 |
| Chair, Founder Program Director, Annual Insulin Resistance Metabolic Syndrome X, Los Angeles, CA | 1998-02 |
| Course Chair & Program Director – Endocrine & Metabolic Symposium. A series of CME conferences targeting the Diabetes, Obesity, Thyroid, Women’s Health, Cardiovascular & Osteoporosis, Los Angeles, CA | 1998-02 |

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| Program Director, Metabolic – Endocrine CME Conferences, the Metabolic Institute for Endocrine Therapeutics, Tarzana, CA | 1998-02 |
| Chair, Program Director – “Syndrome X, Diabetes and Beyond” Tarzana, CA | 1998 |
| Moderator, Monthly Diabetes Grand Round, Encino Tarzana Medical Center, Tarzana, CA | 1994-04 |
| Director of Education, Diabetes Care Center, Encino Tarzana, CA | 1994-03 |
| Clinical Instructor of Medicine - University of Southern California Medical School, Los Angeles, CA | 1988-90 |

National Faculty & Notable CME Lectures

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| “Contemporary T2DM Management: Focus on Safety and Efficacy” 50th Annual EASD Meetings, Vienna, Austria | 2014 |
| Lecture, “Contemporary Approach to Lipid Management & Pipeline of Lipid Medications” 6th Joint Meeting of AACE & AACE Philippine Chapter Manila, Philippines | 2014 |
| Lecture, “Endocrinologists in the USA- the Road for Specialty Certification & Recognition” Annual Congress of Chinese Endocrinologist Association (CEA) Xiamen, China | 2014 |
| Lecture, “Hyperglycemia and the Potential Role for New Therapies in Type 2 Diabetes Management” AACE 23rd Annual Scientific and Clinical Congress” Las Vegas, NV | 2014 |
| Lecture, “Real life Impact of Hypoglycemia Reduction” Diabetes Leadership Summit, Cancun, Mexico | 2014 |
| Lecture, “LDL and Beyond: Current and Future Approaches to Cholesterol Management” Providence Tarzana Hospital, Tarzana, CA | 2014 |
| Lecture, “Obesity and its Management” Danish Saxenda Investors Meeting Vienna, Austria | 2014 |
| Lecture, “Current Medical Therapy and Expectations for New Drugs in Managing the Diabetic Patient” Gilead: Medical Affairs National Meeting San Diego, CA | 2014 |
| Lecture, “SGLT2 inhibitors: From Mechanism to Clinical Practice” Janssen International Advisory Board Tel Aviv, Israel | 2014 |
| Lecture, “Cancer, Obesity, and Diabetes Risk” AACE 23rd Annual Scientific and Clinical Congress” Las Vegas, NV | 2014 |

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| Lecture, “Exenatide: Beyond Expectation on Glycemic Control & Weight Loss” 6th Joint Meeting of AACE & AACE Philippine Chapter Manila, Philippines | 2014 |
| Lecture, “Efficacy and Safety of Exenatide Once Weekly Over Five Years” AstraZeneca Asia Area Bydureon Advisory Board, Manila, Philippines | 2014 |
| Lecture, “LDL and Beyond: Current and Future Approaches to Cholesterol Management” AACE Endocrine University, Rochester, MN | 2014 |
| Lecture, “Treatment Algorithms in T2D: From Theory to Clinical Practice” Diabetes Leadership Summit, Cancun, Mexico | 2014 |
| Lecture, “SGLT2 inhibitors: From Mechanism to Clinical Practice” AstraZeneca Lecture Series, Guangzhou, China | 2014 |
| Lecture, “2013 AACE New Comprehensive Diabetes Algorithms” 6th Joint Meeting of AACE & AACE Philippine Chapter Manila, Philippines | 2014 |
| Lecture, “The Importance of Dyslipidemia in Diabetes: Cholesterol Management and the Role of PCSK9 in Cholesterol Homeostasis” AACE Annual Meetings, Las Vegas, NV | 2014 |
| Lecture, “The Role of Basal insulin in patients with T2DM” Basal Insulin Summit, Cancun, Mexico | 2014 |
| Lecture, “Exenatide QW vs insulin glargine DURATION 3” AstraZeneca Asia Area Bydureon Advisory Board, Manila, Philippines | 2014 |
| Lecture, “Comprehensive Approaches to the Management of Diabetes: The 2013 AACE Diabetes Algorithm” IACC Pri-Med Program, Chicago, IL | 2013 |
| Lecture, “The Endocrine Heart” ACC-AACE 3rd Joint Symposium San Francisco, CA | 2013 |
| Lecture, “Comprehensive Management of Patients With Type 2 Diabetes: Global Goals for Risk Reduction ”Medscape Education Meeting at AACE 23 rd Annual Meetings Las Vegas, NV | 2013 |
| Lecture, “New Strategies to the management of Obesity” Providence Tarzana Hospital, Tarzana, CA | 2013 |
| Lecture, New Strategies for Obesity Management: Risk Stratification and Long- Term Weight Control” California AACE Annual Meetings, Los Angeles, CA | 2013 |
| Lecture, “Type 2 Diabetes Mellitus: Hyperglycemia Pharmacologic Management” 5th Annual Orange County Symposium, Anaheim, CA | 2013 |

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| Lecture, “Emerging Treatments and Novel Strategies in the Management of Obesity” 29th Annual Rose Conference Minneapolis, MN | 2013 |
| Lecture, “Comprehensive Approach to Managing Obesity, Cardiometabolic Risks & Diabetes” IACC Pri-Med Program, Chicago, IL | 2013 |
| Lecture, “Comprehensive Approach to the Management of Diabetes” Providence Tarzana Hospital, Tarzana, CA | 2013 |
| Lecture, “Emerging Treatments and Novel Strategies in the Management of Obesity” 29th Annual ROSE Conference, Minneapolis, MN | 2013 |
| Lecture, “Obesity, Contemporary Approach” 11 th WCIRDC, Los Angeles, CA | 2013 |
| Lecture, “The 2013 approach to Heart Disease in Diabetes” AACE 22 Annual Scientific & Clinical Congress, Phoenix, AZ | 2013 |
| Chair, Workshop on the state of Diabetes, Obesity and cancer, its management and Clinical Implication. AACE/ACE, New York, NY | 2012 |
| Chair, Workshop and on the Clinical Approach to the detection of Lipodystrophy AACE/ACE, Santa Monica, CA | 2012 |
| Lecture, “Goals and Management of Dyslipidemia-LDL and Beyond” SMNE/AACE Joint Pre-Congress, Leon, Mexico | 2012 |
| Lecture, “Diabetes and Cancer”, Providence Tarzana Hospital, Tarzana, CA | 2012 |
| Lecture, “Diabetes and Genetics” National Lipids Association, San Diego, CA | 2012 |
| Lecture “Clinical Implication of Insulin Resistance Metabolic Syndrome” VA Sepulveda Los Angeles, CA | 2012 |
| Lecture, “The Role of Incretins in Glucose Homeostasis” AACE Los Angeles | 2012 |
| Lecture, “Role of Incretin-based Treatments in the Management of Type 2 Diabetes: Clinical Efficacy and Safety” AACE New York City | 2011 |
| Lecture, “Obesity, Diabetes & CVD Contemporary Approach” World Congress on Insulin Resistance Diabetes and CVD | 2011 |
| Lecture, “AACE Medical Guidelines for Clinical Practice for Developing a Diabetes Mellitus Comprehensive Care Plan” AACE Annual meeting | 2011 |
| Lecture “Post-ACCORD–Is Glycemia a Moving Target? Defining & Individualizing Glucose Targets < 6.5%” American Diabetes association Annual | 2011 |

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| Lecture “Role of Incretin-based Treatments in the Management of Type 2 Diabetes: Practical Applications” AACE San Francisco | 2011 |
| Lecture “Treatment Guidelines and Management of Patients with Type 2 Diabetes” Horizon Portland Oregon | 2011 |
| Lecture “Contemporary Goals for the Treatment of Diabetes” Providence Tarzana Hospital | 2011 |
| Lecture “Chronic Kidney Disease In Diabetes Mellitus” Annual New Cardiovascular Horizons New Orleans | 2011 |
| Lecture “The Metabolic Spectrum of Insulin Resistance- Primary Care Approach to Diagnosis & Management” CV Center Carson City Nevada | 2011 |
| Lecture “The Comprehensive approach to Treating Diabetes” Mexican Society of Endocrinology and Nutrition Guadalajara Mexico | 2011 |
| Lecture “Clinical Implication of Insulin Resistance Metabolic Syndrome” Puerto Rico Endocrine Society Annual. San Juan Puerto Rico | 2011 |
| Lecture “Multi Hormonal Obesity DM & CVD” Nevada AACE Annual | 2011 |
| Lecture “The Diabetes Specialist- Comprehensive approach to CV Risk Reduction” AACE Annual | 2011 |
| Lecture, “The Metabolic Spectrum of Insulin Resistance” & “The Comprehensive Approach to Treating Diabetes”, The Chinese Endocrinology Society, Shanghai, China | 2011 |
| Lecture, “AACE Update in Diabetes Guidelines and Recommendations for Clinical Practice” Philippines College of Physicians, Manila, Philippines | 2010 |
| Diabetes – Treatment Goals: Prevent Complications with Comprehensive Control, Orlando, FL | 2010 |
| Clinical Highlights from the 2010 AACE Meeting with a Focus on Incretins and Cardiometabolic Risk, San Francisco, CA | 2010 |
| The Role of Bile Acid Sequestrants in the Treatment of Type 2 Diabetes Mellitus, Prague, Czech Republic | 2010 |
| Type 2 Diabetes – Obesity, Pathophysiology, Diagnosis & Treatment Goals, Los Angeles, CA | 2010 |
| AACE Diabetes – New Frontier in Clinical Practice, Boston, MA | 2010 |
| The Role of Endocrinologists- A Specialist in the Comprehensive Treatment of Diabetes, Boston, MA | 2010 |

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| A1C for the Diagnosis of Diabetes and Pre Diabetes, Tarzana, CA | 2010 |
| AACE, Diabetes Algorithm for Treating Hyperglycemia, New York, NY | 2010 |
| Managing Hypertension & Dyslipidemia in Patients with Diabetes, PriMed, New Orleans, LA | 2009 |
| Key Note Address – Current Strategies for the Prevention and Management of Cardiometabolic Risk, PriMed, Pasadena, CA | 2009 |
| Managing Hypertension & Dyslipidemia in Patients with Diabetes, PriMed, San Antonio, TX | 2009 |
| Diabetic Dyslipidemia – New & Traditional Approaches to Preventing CVD ADA Annual, New Orleans, LA | 2009 |
| Cardiovascular Management of Pre Diabetes, AACE Annual, Washington D.C. | 2009 |
| Type 2 Diabetes – Management of CV Disease, ASH Annual, San Francisco, CA | 2009 |
| Type 2 Diabetes – The Pathophysiology of Insulin Resistance & CVD Managing Lipids, Glucose & HTN to Prevent CV Complications. Modesto, CA | 2008 |
| Cost Considerations for Treating the Patient with Type 2 Diabetes | 2008 |
| Does Glycemic Control Matter? | 2008 |
| Overcoming Barriers to Treatment of the Minority Patient with Type 2 Diabetes Phoenix, AZ | 2008 |
| New Understanding in Pathophysiology of Type 2 Diabetes & The Role of Oral Antidiabetic Therapy, California | 2008 |
| In Hospital Management of the Patient with Diabetes, Tarzana, CA | 2008 |
| Strategies in Treating CV Risk: A Focus on Hyperglycemia and Dyslipidemia, Los Angeles, CA | 2008 |
| Managing the Insulin Resistant Patient with Multiple Risk Factors, Seattle, WA | 2008 |
| Endocrine Effect of Organ Transplantation, Moderator, Orlando, FL | 2008 |
| Diabetes, Treatment with Insulin, Los Angeles, CA | 2008 |
| Metabolic Syndrome Pathophysiology & Clinical Presentation, San Francisco CA | 2008 |
| Lecture “Cost Considerations for Treating the Patient with Type 2 Diabetes” Honolulu, HI | 2007 |
| Lecture “Identifying and Managing the Complications of Type II Diabetes.” Annual Perspectives in Women’s Health, San Diego, CA | 2007 |

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| Lecture “Cardiovascular Disease in Type 2 Diabetes: From Research to Clinical Practice”, California AACE – Diabetes Day for Primary Care. Fresno, CA | 2007 |
| Lecture, “Best Practices for Patients with Type 2 Diabetes Utilizing Thiazolidindiones”, Los Angeles, CA | 2007 |
| Lecture, “Current Concepts for Treating the Patient with Type 2 Diabetes: A Thiazolidinediones Update”, PriMed, Phoenix AZ | 2007 |
| Lecture, “Improving Patients Care Through Education” Diabetes Academy, Los Angeles, CA | 2007 |
| Lecture, “Benefit of Early Aggressive Combination Therapy in Type 2 DM”, Los Angeles, CA | 2007 |
| Round Table, “Approach to Developing DM Treatment Guideline”, Tel-Aviv, Israel | 2007 |
| Lecture, “Incretins, The New Paradigm in the Treatment of Diabetesity – <i>Clinical Experience</i> ”. 3 rd Russell Burrie D-Cure Symposium, Diabetes & Obesity, Tel-Aviv, Israel | 2007 |
| Lecture, “Gain Control, Sustain Control”, PriMed, Boston, MA | 2007 |
| Workshop, “Clinical Approach to DM as CVD”, 3 rd WCIRS, Boston, MA | 2007 |
| Lecture, “Insulin Resistance: Is it Clinical”, 5 th WCIRS, Boston, MA | 2007 |
| Lecture, “Early Detection of Chronic Kidney Disease in Type 2 Diabetes” California AACE – Diabetes Day for Primary Care. Los Angeles, CA | 2007 |
| Lecture, “From Combination Therapy to Basal – Prandial Strategies: Practical Insulin Regimens for Patients with Type 2 Diabetes”. Cutting Edge Strategies For Diabetes Care - Making the Connection, Los Angeles Convention Center | 2007 |
| Lecture, “Apnea & Other Sleep Disruptions That Affect Diabetes Taking Control of Your Diabetes”, Los Angeles, CA | 2007 |
| Lecture, “Enhancing Outcome in Chronic Kidney Disease – Examining the Role of Active Vitamin D Across the Continuum of CKD”, ST. Jude’s Heritage Fullerton, CA | 2007 |
| Lecture, “Metabolic Syndrome and Pre Diabetes for the Primary Care Physician. Is it more than the Sum of its Parts?” Overlake/Bellview Hospital – Seattle, WA | 2007 |
| Lecture, “A Novel Approach to Cardiometabolic Risk Reduction: Role of the Endocannabinoid System.” Valley Hospital, Lancaster, CA | 2007 |
| Lecture, “The Many Faces of the Insulin Resistance Syndrome & The Spectrum of Metabolic Risk.” Cedars Sinai Medical Center – Los Angeles, CA | 2007 |

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| Lecture, "Redefining the Healthy Patient: New Outcomes Data in Type 2 Diabetes." PriMed, San Francisco, CA | 2007 |
| Chair, "A Mandate for Early Intensive Treatment of Abdominal Obesity and Cardiometabolic Risk: Why Weight?" AACE Annual, Seattle, WA | 2007 |
| Lecture, "Proactive Management of Cardiometabolic Risk" AACE Annual, Seattle, WA | 2007 |
| Lecture, "Type 2 Diabetes Standards of Care, Pathophysiology & Cardiovascular Risk", California Chapter of AACE Diabetes Day for Primary Care, San Francisco, CA | 2007 |
| Lecture, "The Many Faces of Insulin Resistance & Cardiometabolic Risk", 3 rd Annual International Summit on Cardiometabolic Risk, Los Angeles, CA | 2007 |
| Chair, "Type 2 Diabetes: From Science to Applications for Clinicians", AACE Annual, Chicago, IL | 2006 |
| Lecture, "Metabolic Bone Disease in the Diabetic Patient: Therapeutic Options: Past, Present, and Future", UCLA, Los Angeles, CA | 2006 |
| Lecture, "Targeting Insulin Resistance for Vascular Protection", Vascular Biology Working Group, San Francisco, CA | 2006 |
| Lecture, "Clinical Imperatives for Treating Patients with Diabetes", Vascular Biology Working Group, University of Florida | 2006 |
| Lecture, "The Many Faces of Insulin Resistance and the Spectrum of Cardiovascular Risk", Meriter Hospital, Madison, WI | 2006 |
| Lecture, "Metabolic Syndrome: Fantasy or Reality?" Nevada Diabetes Association | 2006 |
| Lecture, "Insulin Pump" Oxnard Hospital Grand Rounds | 2006 |
| Lecture, "Metabolic Clinic- Insulin Treatment" Tarzana Hospital, Tarzana, CA | 2006 |
| Lecture, "Diabetes, Hypertension A Comprehensive Approach", Burbank, CA | 2006 |
| Lecture, "Insulin Resistance & the Spectrum of Cardiovascular Risk" Philippines College of Physicians, Manila, Philippines | 2006 |
| Lecture, "The Science Behind the Cardiovascular Effects of Type 2 Diabetes" AACE Annual, Chicago, IL | 2006 |
| Lecture Series, "Diabetes, Chronic Kidney Disease and Hyperparathyroidism" Johns Hopkins University School of Medicine & The National Kidney Foundation | 2005-07 |
| Lecture, "Insulin Resistance and Coronary Artery Disease New Perspective from Vascular Biology", Chicago, IL | 2005 |

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| Lecture, "Perspectives on PPAR Agonists in Cardio Protection", San Francisco, CA | 2005 |
| Lecture, "Multifunctional Intervention on Microvascular Outcomes for Diabetes Risk Reduction; Practical Insights and Strategies", University of Florida | 2005 |
| Lecture, "The role of PPAR Agonists in Treating Atherosclerosis" Los Angeles, CA | 2005 |
| Lecture, "Metabolic Syndrome, Obesity, and Insulin Resistance", Cleveland Clinic, Cleveland, OH | 2005 |
| Lecture, "Addressing the Dual Defects in Type 2 Diabetes", A CME Lecture Series | 2005 |
| Lecture, "Insulin Resistance – The State of the Syndrome", 3 rd Annual WCIRS San Francisco, CA | 2005 |
| Lecture, "Type 2 Diabetes and Hypertension: New Evidence to Manage the Entire Patient" A CME Lecture Series | 2005 |
| Lecture, "Emerging Issues and Questions in Hypertension: The Role of ARBs, CCBs and Diuretics", University of Texas Southwestern Medical Center, Los Angeles, CA | 2005 |
| Lecture, "Diabetes – Take Control Earlier", Orange County Endocrine Society, Orange County, CA | 2005 |
| Lecture, "Dyslipidemia and the Role of HDL Cholesterol", Trivalley Indian Medical Association, Los Angeles, CA | 2005 |
| Moderator, "Pathophysiology of Atherogenic Dyslipidemia", AACE 14 th Annual Meeting, Washington, D.C. | 2005 |
| Moderator, "Essentials for Succeeding as a Medical Association Leader, "Ethics – The Importance of Integrity in Today's Workplace", AACE Leadership Development Conference, Tempe, AZ | 2005 |
| Speaker, Diabetes Workshop, "Insulin & Type 2 Meds", Tarzana, CA | 2005 |
| Moderator, Diabetes Workshop, "Hyperglycemia in the ICC, CCU & The Perioperative Patient", Tarzana, CA | 2005 |
| Lecture, "Insulin Resistance – The Syndrome", 2 nd Annual World Congress on the Insulin Resistance Syndrome | 2004 |
| Lecture, "The Clinical Challenges and Future Direction – a Call for Action", 2 nd Annual World Congress on the Insulin Resistance Syndrome | 2004 |
| Lecture, "Renal Effects of Statin Therapy", Cedar Sinai Hospital – Los Angeles, CA | 2004 |
| Lecture, "Metabolic Syndrome and Schizophrenia", Los Angeles County Mental Health Clinic – Los Angeles, CA | 2004 |
| Lecture, PriMed, "Dyslipidemia of the Metabolic Syndrome" Birmingham, AL | 2004 |

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| Lecture, "Maintaining Quality of Life in Patients with Schizophrenia" UCLA Medical Center – Los Angeles, CA | 2004 |
| Lecture, "Diabetes Care in Ethnic Minorities", Association of Philippines Physicians of America, Beverly Hills, CA | 2004 |
| Lecture, "Metabolic Aspects of Dyslipidemia", Armenian American Medical Society | 2004 |
| Lecture, "Update on Dyslipidemia: Getting to Goal, Concepts and Solution", City of Hope, Endocrine Grand Round | 2004 |
| Lecture Series, "Maintaining Quality of Life in Patients with Schizophrenia", University of Florida | 2004 |
| Lecture, "Type 2 Diabetes; Focus on Insulin Resistance", Lecture Series | 2004 |
| Lecture, "Insulin Resistance –Metabolic- Syndrome, 277.7 A Unified Concept" California AACE Annual, San Francisco, CA | 2004 |
| Lecture, "The Clinical Challenges of the Insulin Resistance Syndrome", 1 st Annual World Congress on the Insulin Resistance Syndrome, Los Angeles, CA | 2003 |
| Lecture, "Fat, Metformin & Special Populations" 1 st annual World Congress on the Insulin Resistance Syndrome, Los Angeles, CA | 2003 |
| Lecture, "Contemporary Approach to Improving Quality of Life in Diabetes", CaAACE /Western Consortium 3 rd Annual Meeting, Los Angeles, CA | 2003 |
| Chair, Key Note Lecture: "Insulin Resistance & Cardiovascular Disease, Why and How" AACE Annual Meeting", San Diego, CA | 2003 |
| Lecture, "Clinical Management of The Insulin Resistance Metabolic Syndrome", The Insulin Resistance Metabolic Syndrome X Conference, Los Angeles, CA | 2002 |
| Lecture, "Established Treatment of The Insulin Resistance Syndrome", "AACE/ACE The Insulin Resistance Dysmetabolic Syndrome Consensus Conference", Washington, D.C. | 2002 |
| Lecture, "Osteoporosis in Menopause Prevention vs. Treatment", "Women & Menopause" Universal City, Los Angeles, CA | 2002 |
| Lecture, "The Metabolic Syndrome – Treatment Overview" - "The Metabolic Insulin Resistance Syndrome: Syndrome X, Diabetes, Hypertension & the Heart – 4 th Annual." Woodland Hills, CA | 2001 |
| Chair, "Contemporary Approach to Cardiovascular Disease", "The Polycystic Ovarian Syndrome & Type 2 Diabetes in Children", "2001 AACE Annual Meeting" San Antonio, TX | 2001 |
| Chair, Workshop, "Obesity Diagnosis & treatment", "2001 AACE Annual Meeting" San Antonio, TX | 2001 |

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| Lecture, “Treatment of Diabetes – A Comprehensive Approach” – Syndrome X, Diabetes, Obesity, Hypertension & The Heart – 3rd Annual”, Woodland Hills, CA | 2000 |
| Lecture, “Type 2 Diabetes – A Practical Approach to Multi-Drug Treatment-Made Simpler” Syndrome X, Diabetes, Obesity & The Heart, vvvWoodland Hills, CA | 1999 |
| Chair, Panel Discussion – “Syndrome X in Non Diabetes – Syndrome X, Diabetes and Beyond”, Tarzana, CA | 1998 |

Speakers Bureau, Consultant- Present/Past

Since 1997 has been part of pharmaceutical companies’ educational activities such as speakers’ bureaus, advisory boards and serving as a consultant.

Topics:

Diabetes, Obesity, Lipids, HTN, CardioRenal metabolic diseases, Kidney Disease, CVD, CHF , Osteoporosis, Thyroid, Vitamin D,

National & International Speaker & Speakers Bureau

Abbott, Amylin, AZ, Amilyn-Lilly, Animas, Astra Zeneca, Aventis, ,Biovail, BI, BI-Lilly, Bristol-Myers Squibb, Daiichi Sankyo, Esperion, GlaxoSmith Kline, Janssen, Jones (Monarch/King,) Lilly, Merck, Minimed/Medtronics, Novartis ,Novo Nordisk ,Parke-Davis ,Pfizer ,Proctor & Gamble ,Roche, Sanofi-Aventis, Santarus Takeda, Vivus

Consultant

Abbott, Aegerion, Amarin, Amylin, AstraZeneca, Biovail, BMS, DiaDeux, Eisai, Esperion, Genentech, Gilead, Intarcia, Janssen, Daiichi Sankyo, GlaxoSmithKline, Lexicon Lilly, Liposcience, MiniMed, Merck, Medtronics, Otsuka, Parke-Davis, Pfizer, ResMed, Sankyo, salix, Santarus Takeda, Tethys, Target Tolerx, XOMA, Vivus,

Institutional Departments, Committee Memberships & Other Activities

AACE / ACE-

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|---|----------|
| Chair AACE Lipid & CV Health Disease network | 2018-19 |
| IP- President, American College of Endocrinology | 2014-15 |
| IP- President, American Association of Clinical Endocrinologists | 2012-13 |
| Advisor, American Association of Clinical Endocrinologists Board of Directors | 2016-17 |
| Member, AACE Lipid Guideline Committee | 2005-16 |
| Member, AACE, Obesity Scientific Committee | 2013- 18 |

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|---|-----------|
| Chair, ACE Nomination Committee | 2015-16 |
| Chair, AACE Nomination Committee | 2015-16 |
| AACE Obesity Educational Program Committee | 2014 |
| AACE Nuclear Medicine Endocrine Certifying Board Committee | 2014 |
| AACE Education Services Committee | 2012-15 |
| Member, Board California Chapter of AACE | 2001-18 |
| AACE International Education Academy | 2012-15 |
| AACE, Allied Health Education Committee | 2012-15 |
| AACE, Council on Education | 2013 -15 |
| AACE, Council on Technology | 2013 |
| AACE Executive Committee | 2007-2016 |
| AACE/ACE- Finance Committee | 2008-15 |
| AACE Nominating Committee | 2012-17 |
| Chair, AACE Patient Registry Oversight Committee | 2013 |
| AACE Industry Education Steering Committee | 2012 |
| AACE Primary Care Physician Education committee | 2012 |
| Task Force to Review AACE involvement in International Program | 2010- |
| Task Force to explore AACE relationship with medical societies | 2010- |
| Task Force to Evaluate “Diabetes Surgery Summit (DSS)” Consensus Conference | 2008- |
| Chair & member ACE/AACE Award Committee | 2010-16 |
| AACE Rapid Response team – IP-President | 2010-13 |
| V- President, AACECORP Board of Directors | 2012-13 |
| Co-Chair, Corporate Advisory Partners, AACE | 2010-11 |
| Chair – Award Committee AACE/ACE | 2010-11 |
| Immediate Past Chair – AACE Diabetes Council | 2010-11 |

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| AACE, Nominating Committee, Ex Officio | 2010-11 |
| Task Force to Evaluate AACE administering a credentialing Program For Endocrine PA | 2010-11 |
| Member, Corporate Advisory Partners, AACE | 2009-11 |
| Chair, AACE Diabetes Guideline Committee | 2009-11 |
| AACE, Educational Services Committee | 2009-11 |
| Member, Corporate Advisory Partners – AACE | 2009-11 |
| AACE, Task Force Insulin Pump Therapy and Management Patient Safety | 2009-10 |
| Chair – AACE Diabetes Council | 2009-10 |
| AACE, Diabetes Council – Scientific Advisory Group | 2009- 12 |
| AACE, Educational Initiative Committee | 2009-10 |
| Co-Chair Award Committee, AACE/ACE | 2009-10 |
| Vice President & Executive Committee Member, AACE | 2009-10 |
| Vice President, AACECORP Board of Directors | 2009-10 |
| Chair, National Initiative for Diabetes Education of PCP through AACE chapters | 2008-11 |
| Liaison, Amylin Initiative for Obesity and Diabetes | 2008-11 |
| Liaison, National Initiative for Compassionate Treatment of Lipodysrophy | 2008-11 |
| Member, Steering Committee for Study WEL-411, Daiichi Sankyo | 2008-10 |
| Chair, Founder & Advisor, AACE National Initiative – Diabetes Education for Primary Care Providers | 2008-10 |
| Member, Diabetes Algorithm Task Force – AACE | 2008-10 |
| Member, AACE Adipose Tissue Pathophysiology Scientific Writing Team | 2008-10 |
| Chair, Pump Treatment Standard of Care Task Force – AACE | 2008-09 |
| Chair Programming – Task Force on the Management of Pre Diabetes and Writing Committee, ACE | 2008-09 |
| Secretary & Treasurer, Board of Trustees, ACE | 2008-09 |
| Treasurer & Executive Committee Member, AACE | 2008-09 |

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| Treasurer, AAECORP Board of Directors | 2008-09 |
| Chair, Finance Committee – AACE | 2008-09 |
| Chair, Finance Committee – ACE | 2008-09 |
| Chair, AACE Educational Services Committee – AES | 2008-09 |
| Vice Chair, AACE Diabetes Council Committee | 2008-09 |
| Advisor, Annual Meeting Clinical Congress Program Committee | 2008-09 |
| Member, Diabetes Care Guideline Committee – AACE | 2008-09 |
| ACE Funding Development Committee | 2009-12 |
| Chair, Education Committee – overseeing: annual meeting, Diabetes Education Programs for Primary Care, Developing – Endocrine Education programs for Primary Care, California Chapter of AACE | 2007-11 |
| Member, Diabetes Guideline Committee – AACE | 2007-09 |
| Secretary & Executive Committee Member – AACE | 2007-08 |
| Secretary, AAECORP Board of Directors | 2007-08 |
| Co Chair, Task Force Re MACE Award Criteria – ACE | 2007-08 |
| Member, Finance Committee – AACE | 2007-08 |
| Member, Insulin Pump Therapy & Management of Patient Safety Task Force – ACE | 2007-08 |
| Member, Task Force on the Prevention of Diabetes, Chair Macro-Microvascular Symposium – ACE | 2007-08 |
| Reviewer, Medical Guidelines for Clinical Practice for the Diagnosis and Treatment of Hypertension – AACE | 2006-11 |
| Member, Task Force to Review Diabetes Road Map – AACE | 2006-11 |
| Member, Bylaws Review Committee – ACE | 2006-09 |
| Member, Task Force ACE/AACE Funding Development – ACE | 2006-09 |
| Member, Task Force Diabetes Road Map – AACE | 2006-09 |
| Past President & Founder– California Chapter, AACE | 2006-08 |
| Member, Endocrine Educational Services Committee – AACE | 2006-08 |
| Member, Corporate AACE Partnership Steering Committee – AACE | 2006-08 |

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| Liaison, to the American Diabetes Association – AACE | 2006-07 |
| Member, Search Committee “The First Messenger” Editor – AACE | 2006-07 |
| Member, Lipid Guidelines Update Task Force – AACE | 2005-11 |
| Member, Diabetes Guideline Revision Committee Update – AACE | 2005-07 |
| Member, Annual Meeting Clinical Congress Program Committee – AACE | 2005-06 |
| Member, FACE Criteria Task Force – ACE | 2005-06 |
| Member, Task Force to Review Sister Society Guidelines for AACE Sponsorship – AACE | 2005-06 |
| Alternative Representative to American Diabetes Association – AACE | 2005-06 |
| Co-Chair & Founder – Diabetes Education Programs for Primary Care Physicians and Allied Health | 2004-11 |
| Trustee – America College of Endocrinologists | 2004-06 |
| Member, Nominating Committee – ACE | 2004-06 |
| Member at Large, Board of Trustees – ACE | 2004-06 |
| Member at Large, Nominating Committee – AACE | 2004-05 |
| Member, AACE Joint Collaboration with Healthology re Diabetes Articles – AACE | 2004-05 |
| Member, Chapter Steering Committee – AACE | 2003-07 |
| Member, Task Force “Endocrine Education for PCP” – AACE | 2003-04 |
| Board Member – The American Association of Clinical Endocrinologists | 2002–07 |
| Member, Task Force – re: National Board of Medical Examiners (NBME) for Collaborating, A Pilot Study on Diabetes – AACE | 2002-03 |
| Vice President & Founder – California Chapter of AACE | 2001-05 |
| Chair, Annual Meetings & Chair of the Program and Education Committees – California Chapter of AACE | 2001-05 |
| Co-Chair, National Task Force for the Insulin Resistance Syndrome – AACE | 2001-03 |
| Member at Large, Nominating Committee – AACE | 2001-02 |
| Member, Public and Media Relations Committee – AACE | 2001-02 |

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| Member, Organization & Planning Committee – AACE | 2000-02 |
| Co-Chair, AACE – 2001 10 th Annual Meeting” & Program Committee San Antonio, TX | 2000-01 |
| Vice President & Founder – Steering Committee, California Chapter – AACE | 2000-01 |
| Member, Organization & Operations Committee – AACE | 1999-00 |
| Medical Consultant and Board Member, Dynamic Home Care, Los Angeles, CA and Las Vegas, NV | 1991-09 |

Pacific Lipid Association

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| President elect, Pacific Lipid Association | 2016-17 |
| Treasure, Pacific Lipid Association | 2015-16 |
| Secretary, Pacific Lipid Association | 2014-15 |
| Member, Pacific Lipid Association board of directors | 2009-14 |

ETRMC Encino Tarzana Regional Medical Center, Tarzana CA

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| Director of the Metabolic and Thyroid Center, ETRMC | 2000-02 |
| Member, Continuing Medical Education Committee. ETRMC | 2000 |
| Chair, Division of Endocrinology and Metabolism, ETRMC | 1998-02 |
| Member, Institutional Review Board, ETRMC | 1998-01 |
| Director of Education – The Diabetes Care Center, Encino–Tarzana Medical Center, Tarzana, CA | 1994-03 |
| Board Member, Diabetes Care Center, Encino Tarzana Regional Medical Center, Tarzana, CA | 1994 |

Other Associations

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| Chair, Education Committee, American Thyroid Association | 2005-06 |
| Member, Education Committee, American Thyroid Association | 2002-05 |
| Member, Scientific Advisory Board for Nutrition Superstores.com, Inc. | 1999-00 |
| Member, Resource Panel on Medical Review, Los Angeles County Medical Association | 1996-99 |

Professional and Society Memberships

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|---|---------------|
| American Association for Preventive cardiology | 2016 |
| The Obesity Society | 2014 |
| European Association for Study of Diabetes | 2010 |
| National Lipid Association- <i>Fellow</i> | 2007 |
| Academy of Thyroidologists | 2006 |
| American Thyroid Association | 2002 |
| Vascular Biology Working Group | 2001 |
| American College of Endocrinology – <i>Fellow</i> | 2000 |
| American Association of Clinical Endocrinologists – <i>Fellow</i> | 1997 |
| American Diabetes Association | 1995 |
| International Atherosclerosis Society | 1995 |
| American Israeli Medical Society | 1991 |
| Los Angeles County Medical Association | 1989 |
| California Medical Association | 1988 |
| American College of Physicians - <i>Fellow</i> – 1999 | 1987 |
| American Medical Association | 1986-91, 2002 |
| The North American Menopause Society | 1995-01 |
| National Osteoporosis Foundation | 1995-00 |
| California Medical House Staff Association | 1988-90 |
| American Medical Student Association | 1985-89 |
| Israeli Medical Association | 1985-92 |

Past Professional Positions & Appointments

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| Board member, American Society of Preventive Cardiology | 2016-19 |
| President, Pacific Lipid Association | 2017-18 |
| Trustee, American College of Endocrinology | 2017-18 |

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| Chair, AACE, Diabetes Scientific Committee | 2012- 18 |
| Chair, AACE, Lipid Scientific Committee | 2013- 18 |
| Member, AACE Executive Committee | 2007- 2016 |
| Co-Chair, Corporate Advisory Partners, AACE | 2010-11 |
| Chair, Award committee AACE/ACE | 2010-11 |
| Executive Editor, “The Journal of Diabetes and Metabolism- Open Access” OMICS Publishing Group, Stanford, CA | 2010-11 |
| Immediate Past chair – AACE Diabetes Council | 2010-11 |
| Member, Scientific Advisory Board, Annual World Congress of EndoBolism, Shanghai, China | 2010-11 |
| AACE , Nominating Committee, Ex Officio | 2010-11 |
| Task Force to Evaluate AACE Administering Credentialing Program for Endocrine PA | 2010-11 |
| Chair, AACE Diabetes Guideline Committee | 2009-11 |
| AACE, Educational Services Committee | 2009-11 |
| AACE , Task Force Insulin Pump Therapy and Management Patient Safety | 2009-10 |
| Chair, AACE Diabetes Council | 2009-10 |
| AACE, Educational Initiative Committee | 2009-10 |
| Co-Chair Award committee AACE/ACE | 2009-10 |
| Member, Corporate Advisory Partners, AACE | 2009 |
| Chair, Founder & Advisor, AACE National Initiative – Diabetes Education for Primary Care Providers | 2008-10 |
| Member, Diabetes Algorithm Task Force – AACE | 2008-10 |
| Member, AACE Adipose Tissue Pathophysiology Scientific Writing Team | 2008-10 |
| Chair, Pump Treatment Standard of Care Task Force – AACE | 2008-09 |
| Chair Programming – Task Force on the Management of Pre Diabetes and Writing Committee, American College of Endocrinology | 2008-09 |
| Vice Chair, AACE Diabetes Council | 2008 |
| Clinical Investigator, Westside Arthritis & Metabolism Center (WAMC). | |

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| Metabolic Disorders, Insulin Resistance, Obesity, HTN. Santa Monica, CA | 2007-11 |
| Chair, Education Committee – Overseeing: Annual Meetings, Diabetes Education Programs for Primary Care, Developing Endocrine Education Programs for Primary Care, California Chapter of AACE | 2007-09 |
| Member, Diabetes Guideline Committee AACE | 2007-09 |
| Secretary & Executive Committee Member, American Association of Clinical Endocrinologists | 2007-08 |
| Secretary, AAECORP Board of Directors | 2007-08 |
| Member, Task Force Diabetes Road Map – AACE | 2006-09 |
| Reviewer, Medical Guidelines for Clinical Practice for the Diagnosis and Treatment of Hypertension, American Association of Clinical Endocrinologists | 2006 |
| Member, Diabetes Guideline Revision Committee update – AACE | 2005-07 |
| Trustee – American College of Endocrinologists | 2004-06 |
| President, California Chapter, AACE | 2004-06 |
| Chair, Education Committee, American Thyroid Association | 2004-05 |
| Founder, Chair & Program Director, “Annual World Congress on the Insulin Resistance Syndrome”. <i>Clinical Manifestation of the Insulin Resistance – Metabolic Syndrome</i> , The Cardiovascular Connection, Los Angeles, CA | 2003-08 |
| Chair, Founder and Program Director, “The Annual World Congress On the Insulin Resistance Syndrome” <i>Clinical Manifestation of the Insulin Resistance- Metabolic Syndrome</i> , The Cardiovascular Connection | 2003-07 |
| Program Director, “Health Symposium <i>LIVE</i> ” in cooperation with “LA Health News” Magazine and the Metabolic Endocrine Education Foundation, An educational medical lecture series to the public, “Medical Epidemics of the 21 st Century” Los Angeles, CA | 2003 |
| Board Member – The American Association of Clinical Endocrinologists | 2002-07 |
| Co-Chair & Founder, International Committee for Insulin Resistance | 2002-07 |
| Co-Chair, 10 th Annual Meeting & Congress, AACE, San Antonio, TX | 2001 |
| Chair, Division of Endocrinology and Metabolism, Encino-Tarzana Regional Medical Center, Tarzana, CA | 1998-02 |
| Member, Institutional Review Board, Encino-Tarzana Medical Center, Tarzana, CA | 1998-01 |

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| Board Member, Diabetes Care Center, Encino Tarzana Regional Medical Center, Tarzana, CA | 1994-11 |
| Medical Consultant, “Yad B`yad – Human Saving Fund”, A Charity Organization, Los Angeles, CA | 1991-06 |
| Physician, Internal Medicine, Group Practice, Crestview Medical Group, Granada Hills, CA | 1990-91 |
| Medical Director and Administrator, Crestview Medical Group, Granada Hills, CA | 1990-91 |
| Physician, Internal Medicine, Group Practice, Family Medical Group of Western Avenue, Los Angeles, CA | 1989-91 |
| Clinical Instructor of Medicine – University of Southern California Medical School, Los Angeles, CA | 1988-90 |
| Clinical Fellow, Section of Diabetes and Clinical Nutrition, LA County University of Southern California (LAC-USC) Medical Center, Los Angeles, CA | 1988-90 |
| Emergency Room, Extensive Experience During Residency, New York, NY | 1985-88 |
| Medical Consultant, Insurance Companies, Tel-Aviv, Israel | 1983-85 |
| General Practitioner, Private Practice, Tel-Aviv, Israel | 1983-85 |
| Director and Developer of Medical Care Centers – A Public Service of the Israeli Medical Association. Tel-Aviv, Israel | 1983-84 |

Community Honors and Awards

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| Outstanding Commitment to the Community Award, The Jewish Federation of Greater Los Angeles, Los Angeles, CA | 1998 |
| Community Service Award – Human Life Saving, Hand to Hand Organization, Los Angeles, CA | 1996 |
| County of Los Angeles – “Great Humanitarian Award”. Board of Supervisors Los Angeles County, Los Angeles, CA | 1995 |
| THETA ALPHA PHI – National Drama Society Honor Award | 1975 |
| DELTA SY OMEGA – National Drama Society Honor Award | 1973 |

Military Service

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| Medical Officer's Course, Israeli Army | 1982 |
| Israeli Army Communication Instructor & Supervisor | 1966-69 |

Civic Activities

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|---|---------|
| Immediate Past President & Founder- Council of Israeli Community, Los Angeles, CA | 2005 |
| Education Activities, Power of Prevention, AACE - Series of Medical Lectures on Metabolism to Elementary & Middle School kids | 2004 |
| Member, executive committee – CECI | 2004-06 |
| President and Founder – The Council of Israeli Community, Los Angeles, CA | 2001-05 |
| Founder, Past President and Executive Board Member – “The Israeli Independence Day Festival”, Los Angeles, CA | 1990-03 |
| Talk Show Host, Key Note Speaker, Radio Producer and Host, - Creator of “Interview Nights”, A Talk Show – Cultural Program: Musical Artists & Discussions on Current Affairs. Designed to foster relationship of the Israeli, the Jewish and general communities in of Los Angeles with over \$50,000 were raised and contributed to education, cultural and children’s programs. | |
| Los Angeles, CA 1990-08 Founder and Vice President of “Promoting Israel Cultural and Education Fund”. A charity organization Established in 1995 to enhance and strengthen the relationship between the Jewish communities in greater Los Angeles, the Christian Community, and the State of Israel. The fund supports schools and youth movements by creating cultural events and giving grants to individual students or to sponsoring organizations. Los Angeles, CA | 1995-05 |
| A Speaker and frequent lecturer on medical topics to charity, social service organizations and the community at large. | 1990 |
| Community involvement as committee member, chairman and president such as: Affirmative Action and World Trade Committee, Stockton California; Deprived youth recreation, Tel Aviv, Israel. B’nai B’rith International, “Israel Commission” Young Leadership Development Group, Jewish Federation of Greater Los Angeles. Yad B'yad - Human Saving Fund Board Member, Vice President and Medical Director. Kadima Hebrew Academy Day School, Member-Board of Directors. Member of Advisory Board. Founder and creator of annual Israeli Festival, a community wide event to raise money for education, Los Angeles, CA | 1990-03 |

Other Work Experience

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| Medical Columnist, “L.A. Health News” – a bi-weekly newspaper Extensive administrative, educational, and cultural experience in the United States and Israel. Performing jobs and holding offices such as: Director of youth centers, cultural clubs and adult education. Director of Social Education for the mentally retarded. Counselor and instructor – Handicapped children and adults. Director, The Israeli Special Olympic Games. | 2001-04 1968-82 |
| Medical columnist, various weekly newspapers: LA News, Shalom LA & Israel Shelanu, Los Angeles, CA | 1989-94 |