

CURRICULUM VITAE

Name: SUN H. KIM, M.D., M.S.

Position: Associate Professor in University Medical Line
Department of Medicine
Division of Endocrinology, Metabolism, and Gerontology
Stanford University School of Medicine

EDUCATION

09/1989- 06/1993	Stanford University Stanford, CA	B.A. honors distinction	Psychology
09/1994- 06/1998	University of California, San Diego La Jolla, CA	M.D.	Medicine
07/1998- 06/1999	University of Texas, Southwestern Dallas, TX	Intern	Internal Medicine
07/1999- 06/2001	University of Texas, Southwestern Dallas, TX	Resident	Internal Medicine
07/2003- 06/2007	Stanford University School of Medicine Stanford, CA	Fellow	Endocrinology
09/2006- 06/2007	Stanford University School of Medicine Stanford, CA	M.S.	Epidemiology

EMPLOYMENT

07/1993- 06/1994	AmeriCorps, Nevada Self-Employment Trust Reno, NV	Volunteer
07/2001- 06/2003	Kaiser Permanente Richmond, CA	Staff Physician
07/2007- 05/2008	Stanford University School of Medicine Stanford, CA	Instructor
06/2008- 02/2018	Stanford University School of Medicine Stanford, CA	Assistant Professor in University Medical Line
03/01/2018- present	Stanford University School of Medicine Stanford, CA	Associate Professor in University Medical Line

HONORS and AWARDS

- 1996 Lange Medical Publications Award
Granted to the top second-year medical student based on scholastic achievement and leadership
University of California, San Diego, School of Medicine, La Jolla, CA
- 1998 American Medical Women's Association Glasgow Memorial Achievement Award
Granted to the top female medical graduate based on scholastic achievement and public service
University of California, San Diego, School of Medicine, La Jolla, CA
- 2003 American Heart Association Postdoctoral Fellowship
American Heart Association
Dallas, TX
- 2003-2006 National Research Service Award
National Institute of Alcohol and Abuse
Bethesda, MD
- 2004 First Place Abstract
World Congress on the Insulin Resistance Syndrome
Los Angeles, CA
- 2011 Travel Award
Selected to attend the Adipogenic and Metabolic Effects of Antipsychotic Drugs Conference sponsored by the University of Alabama at Birmingham Nutrition Obesity Research Center
Funded by National Institute of Mental Health
Elizabeth, NJ

CERTIFICATION AND LICENSURE

- 2001 Medical Board of California (A75251)
2001 American Board of Internal Medicine
2006, 2016 American Board of Internal Medicine, Endocrinology
2007 Drug Enforcement Agency (BK7116456)
2007 National Provider Identifier (1083894844)

UNIVERSITY PROFESSIONAL ACTIVITIES

Clinical

- 2007-present Attending Physician, Stanford Endocrinology and Diabetes Consult Service, 8 weeks
2007-present Attending Physician, Stanford Endocrinology Ambulatory Clinic, 2.5 days weekly
2010-present Faculty, Stanford Recurrent Pregnancy Loss Program

Administrative

- 2007 Freshman Adviser, Stanford University
2009-present Interviewer, Stanford Medical School
2010-present Interviewer, Stanford Internal Medicine Residency Program
2011-2012 Member, Search Committee, Minimally Invasive and Bariatric Surgery, Stanford University School of Medicine

2013-2014	Member, Search Committee, Cardiovascular Medicine, Stanford University School of Medicine
2019-present	Chair, Search Committee, Endocrinology, Stanford University School of Medicine
2021-2022	Member, Search Committee, Pediatric Endocrinology, Stanford University School of Medicine

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Membership

2008-present	Member, American Diabetes Association
2017-present	Member, Endocrine Society

Activities

2012-2016	Member, Scientific and Medical Programs Oversight Committee of the American Diabetes Association (ADA)
2011-2013	Member, Data and Safety Monitoring Board, "Clinical Trial of Pioglitazone for Prevention of Cardiac Allograft Vasculopathy after Heart Transplantation" (PI: K. Khush).
2013-2020	Member, D2d study, Safety and Outcome Subcommittee
2015-2017	Member, Data and Safety Monitoring Board, "Qsymia for Binge Eating Disorder" (PI: D. Safer).
2015-2016	Member, ADA's Scientific Sessions Clinical Therapeutics/New Technologies Subcommittee
2018-present	Co-leader, Stanford Diabetes Research Center, Metabolism and Signaling Affinity Group
2019-present	Director, Type 2 Diabetes, Center for Asian Health Research and Education
2019-present	Member, Medical Monitoring Committee, EndoBarrier

Service to Professional Publications

2021-present	Editorial Board Member, Journal of Asian Health
2022	Associate Editor, Frontiers in Endocrinology, Clinical Diabetes

Reviewer, Archives of Internal Medicine
 Reviewer, Annals of Internal Medicine
 Reviewer, British Medical Journal
 Reviewer, Diabetes
 Reviewer, Diabetes Care
 Reviewer, Diabetic Medicine
 Reviewer, Diabetologia
 Reviewer, Journal of the American College of Cardiology

Reviewer, Journal of American Medical Association
 Reviewer, Journal of Clinical Endocrinology and Metabolism
 Reviewer, Journal of Clinical Psychiatry
 Reviewer, Journal of Psychiatry and Neuroscience
 Reviewer, New England Journal of Medicine
 Reviewer, Nutrition, Metabolism and Cardiovascular Diseases
 Reviewer, Obesity
 Reviewer, PLOS ONE

Service as Grant/Abstract Reviewer

2009 Ad Hoc Reviewer, National Institute of Diabetes and Digestive and Kidney Diseases
 2015-present Reviewer, Department of Defense Grants
 2015-present Reviewer, American Diabetes Association Abstracts
 2018 Ad Hoc Reviewer, Wellcome Trust
 2019-present Chair, Department of Defense Grants
 2022- Reviewer, Endocrine Society Abstracts

TEACHING AND MENTORING

Formal Teaching

2007-present Lecturer, Human Health and Disease Course
 Stanford University School of Medicine, Stanford, CA
 2007-present Discussion Group Leader, Endocrinology Lab
 Stanford University School of Medicine, Stanford, CA
 2010 Faculty, Intensive Course in Clinical Research: Study Design and Performance
 Stanford University School of Medicine, Stanford, CA
 2011 Lecturer, Obesity in America Course
 Stanford University School of Medicine, Stanford, CA

Informal Teaching

2007-present Lecturer, Stanford Endocrinology Fellowship lecture series
 2007-present Lecturer, Stanford House Staff noon lecture series
 2014-present Course Director, Stanford Endocrinology Journal Club

Mentoring

2010 Barry Johns
 Received Dean's Award. Publication #18.
 2010-2011 Marilyn Tan, Internal Medicine Resident
 2011-2012 Janet Leung, Internal Medicine Resident
 2010-2013 Shubha Bhat, Medical Student
 Received MedScholars Award. Publications #17,20.
 2012-2014 Jonathan Kort, OB/GYN Resident
 Received first prize oral presentation at the Pacific Coast Reproductive Society 61st
 Annual Meeting, 2013. Publication #24.
 2013-2015 Ryan Siebert, Internal Medicine Resident. Publication #30.
 2013-2016 Ioanna Comstock, REI Fellow. Publication #31, book chapter.
 2014-2015 Mee Kim, Visiting Scholar from S. Korea. Publications #34, 38.

2015-2016 Chanhee Jung, Visiting Scholar from S. Korea. Publications #40, 41.
 2016-2019 Yan Hang, Postdoctoral fellow, Developmental Biology
 2016-present Jinnie Rhee, Instructor, Nephrology. Publication #50
 2017-2020 Julia Chang, Internal Medicine Resident. Publication #51
 2018-2020 Seong Hwan Kim, Juri Park, Visiting Scholars from S. Korea. Publications #46 #54
 2019-2020 Clara Nachmanoff, Undergraduate at Wesleyan University. Publication #53
 2022-2023 Hayley Galitzer, Internal Medicine Resident.
 2022-2023 Linus Amarikwa, Medical Student, UC Riverside.
 2023- Angela Nguyen, Stanford undergraduate. Received the Stanford VPUE grant.

COMMUNITY SERVICE

2010 Speaker, Recurrent Pregnancy Loss Community Seminar
 Arrillaga Alumni Center, Stanford, CA
 2011 Speaker, Endocrinology Update for Primary Care Practitioners
 Continuing Medical Education course
 Li Ka Shing Center, Stanford, CA
 2011 Speaker, Obesity in America
 Continuing Medical Education course
 Arrillaga Alumni Center, Stanford, CA
 2012 Speaker, Women’s Health Forum
 Li Ka Shing Center, Stanford, CA
 2013 Panelist, Diabetes Day
 Hewlett Packard, Palo Alto, CA
 2014 Speaker, World Diabetes Day
 Qualcomm, San Jose, CA
 2021 Speaker, Health Matters
 Virtual
 Speaker, Stanford Health Library
 Virtual
 2022 Speaker, Liver Education Awareness Program
 Virtual
 Speaker, Center for Asian Health Research and Education
 Virtual
 Speaker, GoodRx
 Virtual

GRANTS AND CONTRACT AWARDS

Present

09/2020-08/2024 Funder: NIH/R01
 Title: Stratification of Non-Alcoholic Fatty Liver Disease Using the SAFE Score
 Role: Co-investigator

 01/2022-01/2024 Funder: Abbot
 Title: Franklin Pilot Study
 Role: Co-investigator

 12/2021-12/2023 Funder: Fractyl Laboratories

Title: A Prospective, Randomized, Double-Blind, Sham-Controlled, Multi-Center Pivotal Study to Evaluate the Efficacy and Safety of Duodenal Mucosal Resurfacing Using the Revita® System in Subjects with Type 2 Diabetes on Insulin therapy

Role: Co-investigator

09/2016-05/2023

Funder: NIH/R01

Title: Insulin Resistance and Accelerated Cognitive Aging

Role: Co-Investigator (PI:Rasgon)

Past

2021-2022

Funder: Stanford University's Innovative Medicines Accelerator

Title: Feasibility of empagliflozin in managing diuretic-resistant ascites in patients with cirrhosis

Role: Co-investigator

2017-2021

Funder: Astra Zeneca

Title: A Study to Evaluate the Effect of Dapagliflozin on Renal Outcomes and Cardiovascular Mortality in Patients with Chronic Kidney Disease

Role: Co-Investigator

2018-2020

Funder: Stanford Diabetes Research Center Pilot & Feasibility Grant Real-time

Title: Continuous Glucose Monitoring to Aid Weight Loss in Prediabetes

2013-2020

Role: PI

Funder: NIH/U01

Title: Vitamin D to prevent type 2 diabetes (D2d study)

Site PI

2015-2019

Role: Janssen

CREDENCE (Canagliflozin and Renal Events in Diabetes with Established Nephropathy Clinical Evaluation)

Site PI

2011-2016

Funder: NIH/U01 HL108647

Title: Sleep apnea, Type 2 diabetes, and CVD: a cluster related to insulin resistance

Role: Co-Investigator (PI: Reaven)

2014-2015

Funder: GI Dynamics

Title: ENDO Trial (EndoBarrier)

Role: Co-Investigator (PI: McLaughlin)

2012-2015

Funder: ADA

Title: Effects of liraglutide on hippocampal structure and function in aging adults with prediabetes

Role: Co-Investigator (PI: Rasgon)

2010-2013

Funder: NIH/R01 DK088136

Title: Beneficial effects of salicylates: insulin action, secretion, and clearance

Role: Co-Investigator (PI: Reaven)

2010-2013

Funder: ADA

Title: Addition of the long-acting glucagon-like peptide-1, liraglutide, to a calorie-restricted diet augments weight loss, and decreases risk of type 2

diabetes and cardiovascular disease in older, overweight/obese
 Role: individuals
 Co-Investigator (PI: Reaven)
 2007-2012 Funder: NIMH/ K23 MH079114
 Title: Olanzapine's Effect on Pancreatic β -cell Function in Schizophrenia
 Role: PI
 2010-2011 Funder: Clinical Translational Science Award Seed Grant
 Title: Improving Metabolic Health in Patients with Severe Mental Illness
 Role: PI
 2008-2011 Funder: JDRF
 Title: Biomarkers of β -cell Function and Proliferation
 Role: Co-Investigator (Kim, Seung)
 2003-2006 Funder: NIH/ F32 AA014470
 Title: Alcohol Intake on Insulin Sensitivity and Heart Disease
 Role: PI

PUBLICATIONS

Peer-reviewed Journal Articles (Original Research)

1. **KIM SH**, Morton DJ, Barrett-Connor EL. Carbonated beverage consumption and bone mineral density among older women: The Rancho Bernardo Study. *American Journal of Public Health* 87:276-279, 1997.
2. **KIM SH**, Abbasi F, Reaven GM. Impact of Degree of Obesity on Surrogate Estimates of Insulin Resistance. *Diabetes Care* 27:1998-2002, 2004.
3. **Kim SH**, Abbasi F, Chu JW, McLaughlin TL, Lamendola C, Polonsky KS, Reaven GM. Rosiglitazone Reduces Glucose-Stimulated Insulin Secretion Rate and Increases Insulin Clearance in Nondiabetic, Insulin Resistant Individuals. *Diabetes* 54:2447-2452, 2005.
4. **Kim SH**, Chunawala L, Linde R, Reaven GM. Comparison of the 1997 and 2003 American Diabetes Association Classification of Impaired Fasting Glucose (IFG): Impact on Prevalence of IFG, Coronary Heart Disease Risk Factors, and Coronary Heart Disease in a Community-Based Medical Practice. *Journal of the American College of Cardiology* 48:293-297, 2006.
5. Farin HM, Abbasi F, **Kim SH**, Lamendola C, McLaughlin T, Reaven GM. The Relationship between Insulin Resistance and Dyslipidemia in Cigarette Smokers. *Diabetes, Obesity, and Metabolism* 9:65-9, 2007.
6. **Kim SH**, Ivanova O, Abbasi F, Lamendola C, Reaven GM, Glick I. Metabolic Impact of Switching Antipsychotic Therapy to Aripiprazole after Weight Gain: A Pilot Study. *Journal of Clinical Psychopharmacology* 27:365-8, 2007.
7. Sung KC, **Kim SH** (shared 1st author), Reaven GM. Relationship among Alcohol, Body Weight, and Cardiovascular Risk Factors in 27,030 Korean Men. *Diabetes Care* 30:2690-4, 2007.
8. **Kim SH**, Reaven GM. Isolated Impaired Fasting Glucose and Peripheral Insulin Sensitivity: Not a Simple Relationship. *Diabetes Care* 31:347-352, 2008.
9. **Kim SH**, Reaven GM. Insulin Resistance and Hyperinsulinemia: You Can't Have One without the Other. *Diabetes Care* 31:1433-8, 2008.

10. **Kim SH**, Abbasi F, Lamendola C, Reaven GM. Effect of Moderate Alcohol Consumption on Insulin Sensitivity in Insulin Resistant, Nondiabetic individuals. *Metabolism* 58:387-92, 2009.
11. **Kim SH**, Liu TC, Abbasi F, Lamendola C, Morton JM, Reaven GM, McLaughlin TL. Plasma Glucose and Insulin Regulation is Abnormal Following Gastric Bypass Surgery with or without Neuroglycopenia. *Obesity Surgery* 19:387-92, 2009.
12. **Kim SH**, Nikolics L, Abbasi F, Lamendola C, Link J, Reaven GM, Lindley S. Relationship between Body Mass Index and Insulin Resistance in Patients Treated with Second Generation Antipsychotic Agents. *Journal of Psychiatric Research* 44:493-8, 2010.
13. Sung KC, Reaven GM, **Kim SH**. Utility of HOMA- β in Predicting Diabetes in 12,924 Healthy Koreans. *Diabetes Care* 33:200-2, 2010.
14. **KIM SH**, Abbasi F, Lamendola C, Reaven GM, McLaughlin TL. Glucose-stimulated Insulin Secretion in Gastric Bypass Patients with Hypoglycemic Syndrome: No evidence for inappropriate pancreatic β -cell function. *Obesity Surgery* 20:1110-6, 2010.
15. **Kim SH**, Reaven GM, Lindley S. Relationship between Insulin Resistance and C-reactive protein in a patient population treated with second generation antipsychotic medications. *International Clinical Psychopharmacology* 26:43-7, 2011.
16. Sung KC, **Kim SH**. Interrelationship between Fatty Liver and Insulin Resistance in the Development of Type 2 Diabetes. *J Clinical Endocrinology and Metabolism* 96:1093-7, 2011.
17. Bhat S, Abbasi F, Blasey C, Reaven G, **Kim SH**. Plasma Glucose and Insulin Responses to Mixed-meals: Impaired Fasting Glucose Re-visited. *Diabetes and Vascular Disease Research* 8: 271-275, 2011.
18. Johns BR, Pao AC, **Kim SH**. Metabolic syndrome, Insulin Resistance, and Kidney Function in Nondiabetic Individuals. *Nephrology Dialysis Transplantation* 27:1410-5, 2012.
19. Sung KC, Choi JH, Gwon HC, Choi SH, Kim BS, **Kim SH**. Relationship between Insulin Resistance and Coronary Artery Calcium in Young Men and Women. *PLOS One* 8:e53316, 2013.
20. Bhat S, Abbasi F, Blasey C, Reaven G, **Kim SH**. Beyond Fasting Glucose: the Association between Coronary Heart Disease Risk and Postprandial Glucose, Postprandial Insulin and Insulin Resistance in Healthy, Nondiabetic Adults. *Metabolism* 62:1223-6, 2013.
21. **Kim SH**, Abbasi F, Lamendola C, Liu A, Ariel D, P Schaaf, Grove K, Tomasso V, H Ochoa, Y Liu, Y-I Chen, G Reaven. Benefits of Liraglutide Treatment in Overweight/Obese, Older Individuals with Prediabetes. *Diabetes Care* 36:3276-82, 2013.
22. **Kim SH**, Reaven G. Sex Differences in Insulin Resistance and Cardiovascular Disease Risk. *J Clinical Endocrinology and Metabolism*, 98:E1716-21, 2013.
23. **Kim SH**, Liu A, Ariel D, Abbasi F, Lamendola C, Grove K, Tomasso V, Reaven G. Pancreatic Beta Cell Function following Liraglutide-augmented Weight Loss in Individuals with Prediabetes: Analysis of a Randomised, Placebo-controlled study. *Diabetologia* 57:455-62, 2013.
24. Kort J, Winget C, **Kim SH**,* Lathi R. A Retrospective Cohort Study to Evaluate the Impact of Meaningful Weight Loss on Fertility Outcomes in an Overweight Population with Infertility. *Fertility and Sterility* 101:1400-3, 2014. *Participated with conception and design of study, interpretation of data, and critical revision of manuscript.

25. Sung KC, Ryu S, Chang Y, Byrne CD, **Kim SH**. C-reactive Protein and Risk of Cardiovascular and All-Cause Mortality in 268,803 East Asians. *European Heart Journal* 35:1809-16, 2014.
26. **Kim SH**, Liu A, Ariel D, Abbasi F, Lamendola C, Grove K, Tomasso V, Ochoa H, Reaven G. Effect of Salsalate on Insulin Action, Secretion, and Clearance in Nondiabetic, Insulin-Resistant Individuals: A Randomized, Placebo-Controlled Study. *Diabetes Care* 37:1944-50, 2014.
27. Sung KC, Reaven G, **Kim SH**. Ability of the Plasma Concentration Ratio of Triglyceride/high-density lipoprotein Cholesterol to Identify Increased Cardio-metabolic Risk in an East Asian Population. *Diabetes Research and Clinical Practice* 105: 96-101, 2014.
28. Ariel D, **Kim SH,*** Abbasi F, Lamendola C, Liu A, Reaven G. Effect of Liraglutide Administration and a Calorie-restricted Diet on Lipoprotein Profile in Overweight/obese Persons without Diabetes. *Nutrition Metabolism and Cardiovascular Disease* 24:1317-22, 2014. *Participated with conception and design of study, acquisition and interpretation of data, and critical revision of manuscript.
29. Liu A, Cardell J, Ariel D, Lamendola C, Abbasi F, **Kim SH,*** Holmes TH, Tomasso V, Mojaddidi H, Grove K, Kushida CA, Reaven G. Abnormalities of Lipoprotein Concentrations in Obstructive Sleep Apnea are Related to Insulin Resistance. *Sleep* 38:793-9, 2015. *Participated in the acquisition of data and revision of manuscript.
30. Siebert R, Abbasi F, Hantash F, Caulfield M, Reaven G, **Kim SH**. Relationship between Insulin Resistance and Amino Acids in Women and Men. *Physiological Reports* 3: e12392, 2015.
31. Comstock I, **Kim SH,*** Behr B, Lathi R. Increased Body Mass Index Negatively Impacts Blastocyst Formation Rate in Normal Responders Undergoing In Vitro Fertilization. *Journal of Assisted Reproduction and Genetics* 32:1299-304, 2015. *Participated in the interpretation of data and critical revision of the manuscript.
32. Liu A, Lamendola C, Ariel D, Abbasi F, **Kim SH**, Cardell J, Tomasso V, Xu S, Patel S, Mojaddidi H, Grove K, Kushida CA, Reaven GM. Usefulness of fetuin-A to Predict Risk for Cardiovascular Disease among Patients with Obstructive Sleep Apnea. *American Journal of Cardiology* 116:219-24, 2015. *Participated in the acquisition of data and revision of manuscript.
33. Ariel D, **Kim SH,*** Liu A, Abbasi F, Lamendola C, Grove K, Tomasso V, Reaven GM. Salsalate-induced Changes in Lipid, Lipoprotein, and Apoprotein Concentrations in Overweight or Obese, Insulin-resistant, Nondiabetic Individuals. *Journal of Clinical Lipidology* 9:658-63, 2015. *Participated with conception and design of study, acquisition and interpretation of data, and critical revision of manuscript.
34. Kim MK, Reaven GM, **Kim SH**. Hyperinsulinemia in Individuals with Obesity: Role of Insulin Clearance. *Obesity* 23:2430-4, 2015.
35. Liu A, Ariel D, Lamendola C, **Kim SH,*** Abbasi F, Cardell J, Tomasso V, Mojaddidi H, Grove K, Kushida CA, Reaven GM. Comparison of the Association with Sleep Apnoea of Obesity versus Insulin Resistance. *European Respiratory Journal* 46:1829-32, 2015. *Participated in the acquisition of data and revision of manuscript.
36. **Kim SH**, Silvers A, Viren J, Reaven GM. Relationship between Insulin Sensitivity and Insulin Secretion Rate: Not Necessarily Hyperbolic. *Diabetic Medicine* 33:961-7, 2016.
37. Liu A, **Kim SH,*** Ariel D, Abbasi F, Lamendola C, Cardell J, Xu S, Patel S, Tomasso V, Mojaddidi H, Grove K, Tsao PS, Kushida CA, Reaven GM. Does Enhanced Insulin Sensitivity Improve Sleep

- Measures in Patients with Obstructive Sleep Apnea: a Randomized, Placebo-controlled Pilot Study. *Sleep Medicine* 33:57-60, 2016. *Participated in the acquisition of data and revision of manuscript.
38. Kim MK, Reaven GM, **Kim SH**. Dissecting the Relationship between Obesity and Hyperinsulinemia: Role of Insulin Secretion and Insulin clearance. *Obesity* 25:378-383, 2017.
 39. Liu A, Abbasi F, **Kim SH**,* Ariel D, Lamendola C, Cardell J, Xu S, Patel S, Tomasso V, Mojaddidi H, Grove K, Tsao PS, Kushida CA, Reaven GM. Effect of Pioglitazone on Cardiometabolic Risk in Patients with Obstructive Sleep Apnea. *American Journal of Cardiology* 119:1205-10, 2017. *Participated in the acquisition of data and revision of manuscript.
 40. Jung CH, Jung SH, Lee B, Rosenberg M, Reaven GM, **Kim SH**. Relationship among Age, Insulin Resistance, and Blood Pressure. *J of American Society of Hypertension* 11:359-365, 2017.
 41. Sung KC, Ryu S, Sung JW, Kim YB, Won YS, Cho DS, **Kim SH**,* Liu A. Inflammation in the Prediction of Type 2 Diabetes and Hypertension in Healthy Adults. *Archives of Medical Research* 48:535-545, 2017. *Participated in analyzing the data and editing of manuscript.
 42. Jung SH, Jung CH, Reaven GM, **Kim SH**. Adapting to Insulin Resistance in Obesity: Role of insulin secretion and clearance. *Diabetologia* 61:681-687, 2018.
 43. LeBlanc ES, Pratley RE, Dawson-Hughes B, Staten MA, Sheehan PR, Lewis MR, Peters A, **Kim SH**, Chatterjee R, Aroda VR, Chadha C, Neff LM, Brodsky IG, Rosen C, Desouza CV, Foreyt JP, Hsia DS, Johnson KC, Raskin P, Kashyap SR, O'Neil P, Phillips LS, Rasouli N, Liao EP, Robbins DC, Pittas AG. Baseline Characteristics of the Vitamin D and Type 2 Diabetes (D2d) Study: A Contemporary Prediabetes Cohort that Will Inform Diabetes Prevention Efforts. *Diabetes Care* 41: 1590-1599, 2018. *Participated in the concept and editing of the manuscript.
 44. Sung KC, Lee MY, Lee JY, Lee SH, Kim SH, **Kim SH**. Utility of ALT Concentration in Men and Women with Nonalcoholic Fatty Liver Disease: Cohort Study. *Journal of Clinical Medicine* 8:E445, 2019.
 45. Kim DH, Li A, Cholankeril G, **Kim SH**, Ingelsson E, Knowles J, Harrington R, Ahmed A. Trends in overall, cardiovascular, and cancer related mortality among individuals with diabetes reported on death certificates in the United States between 2007 and 2017. *Diabetologia* 62:1185-1194, 2019. *Participated in critical review of manuscript.
 46. Kim SH, Sung KC, Lee SK, Park J, Kim NH, **Kim SH**, Shin C. Longitudinal changes in left ventricular structure and function in patients with type 2 diabetes: Normal weight versus overweight. *Diabetes and Vascular Disease Research* 16:450-457, 2019. *Shared last-author with C. Shin.
 47. Pittas AG, Dawson-Hughes B, Sheehan P, Knowler WC, Aroda VR, Brodsky IG, Ceglia L, Chadha C, Chatterjee R, Desouza C, Dolor R, Foreyt J, Fuss P, Ghazi A, Hsia DS, Johnson KC, Kashyap SR, **Kim SH**, LeBlanc, ES, Lewis MR, Liao E, Neff LM, Nelson J, O'Neil P, Park J, Peters A, Phillips LS, Pratley R, Raskin P, Rasouli N, Robbins D, Rosen C, Vickery EM, Staten M; D2d Research Group. Vitamin D supplementation and prevention of type 2 diabetes. *NEJM* 381: 520-530, 2019. *Participated in study concept and completion; critical review of manuscript.
 48. Raygor V, Abbasi F, Lazzeroni L, **Kim SH**, Ingelsson E, Reaven GM, Knowles JW. Impact of race/ethnicity on insulin resistance and hypertriglyceridemia. *Diabetes and Vascular Disease Research* 16:153-159, 2019. *Participated in critical review of manuscript.
 49. Kim DH, Cholankeril G, **Kim SH**, Abbasi F, Knowles JW, Ahmed A. Increasing mortality among patients with diabetes and chronic liver disease from 2007 through 2017. *Clinical Gastroenterology and Hepatology* 18:992-994, 2019. *Participated in critical review of manuscript.

50. Rhee JJ, Han J, Montez-Rath M, **Kim SH**, Cullen M, Stafford RS, Winkelmayer WC, Chertow GM. Antidiabetic medication use in patients with type 2 diabetes and chronic kidney disease. *Journal of Diabetes and Its Complications* 33: 107423, 2019. *Participated in critical review of manuscript.
51. Chang JJ, Lathi R, **Kim SH**. A retrospective study examining phentermine on preconception weight loss and pregnancy outcomes. *Endocrine Practice*, 26:990-996, 2020.
52. **Kim SH**, Abbasi, F, Nachmanoff C, Stefanakis, K, Kumar A, Kalra B, Savjani G, Mantzoros C. Effect of the glucagon-like peptide-1 analogue liraglutide versus placebo treatment on circulating proglucagon-derived peptides that mediate improvements in body weight, insulin secretion and action: a randomized controlled trial. *Diabetes, Obesity, and Metabolism* 23: 489-98, 2021.
53. Kim SW, Lee JS, Lee SK, Abbott R, Lee KY, Lim H, Sung KC, Cho GY, Koh KK, **Kim SH**, Shin C, Kim SH. Association of pericardial adipose tissue with left ventricular structure and function: a region-specific effect? *Cardiovascular Diabetology*, 20:26, 2021. *Participated in critical review of manuscript.
54. Landry MJ, Crimarco A, Perelman D, Durand L, Petlura C, Aronica L, Robinson J, **Kim SH**, Gardner C. Adherence to ketogenic and Mediterranean study diets in a crossover trial: The Keto-Med Randomized Trial. *Nutrients*, 13:967, 2021. *Participated in study concept, completion, and analysis; critical review of manuscript.
55. **Kim SH**, Brodsky IG, Chatterjee R, Kashyap SR, Knowler WC, Liao E, Nelson J, Pratley R, Rasouli N, Vickery EM, Sarnak M, Pittas AG. Effect of Vitamin D supplementation on kidney function in adults with prediabetes: A secondary analysis of a randomized trial. *CJASN*, 16:1201-1209, 2021
56. Rasouli N, Brodsky I, Chatterjee R, **Kim SH**, Pratley R, Staten M, Pittas A. Effects of Vitamin supplementation on insulin sensitivity and secretion in pre-diabetes. *JCEM* 107:230-240, 2021 *Participated in study concept and analysis; critical review of manuscript.
57. Abbasi F, Lamendola C, Harris C, Harris V, Tsai M, Tripathi P, Abbas F, Reaven G, Reaven P, Synder M, **Kim SH**, Knowles JW. Statins are associated with increased insulin resistance and secretion. *Arteriosclerosis, Thrombosis, and Vascular Biology* 41:2786-2797, 2021 *Participated in study concept, completion and analysis; critical review of manuscript.
58. Rhee JJ, Han J, Montez-Rath ME, **Kim SH**, Cullen MR, Stafford RS, Winkelmayer WC, Chertow GM. Cardiovascular outcomes associated with prescription of sodium-glucose cotransporter-2 inhibitors versus dipeptidyl peptidase-4 inhibitors in patients with diabetes and chronic kidney disease. *Diabetes, Obesity, and Metabolism* 24:928-937, 2022. *Participated in study concept and analysis; critical review of manuscript.
59. Sripongpun P, Kim WR, Mannalithara A, Charu V, Vidovszky A, Asch S, Desai M, **Kim SH**, Kwon A. The steatosis-associated fibrosis estimator (SAFE) score: A tool to detect low-risk non-alcoholic fatty liver disease in primary care. *Hepatology* 77:356-267, 2022 *Participated in study concept; critical review of manuscript.
60. Gardner C, Landry M, Perelman D, Petlura C, Durand L, Aronica L, Crimarco A, Cunanan K, Chang A, Dant, C, Robinson J, **Kim SH**. Effect of a ketogenic diet versus Mediterranean diet on HbA1c in individuals with prediabetes and type 2 diabetes mellitus: The interventional Keto-Med randomized crossover trial. *American Journal of Clinical Nutrition* 116:640-652, 2022.
61. Amariqwa L, Mohamed A, Kim SH, Kossler AL, Dosiou C. Teprotumumab-related hyperglycemia. *JCEM* 108:858-864, 2023. *Participated in study concept and analysis; critical review of manuscript.

Peer-reviewed Publications (Other)

1. **Kim SH**, Chang TI, Mahaffey KW. A Call for a New Paradigm for Diabetes Care in the Era of Sodium-Glucose Cotransporter 2 Inhibitors. *Cardiovascular Therapeutics*, 9:219-225, 2020.

Non-peer-reviewed Articles

1. **Kim SH**, Reaven GM. The Metabolic Syndrome: One Step Forward, Two Steps Back. *Diabetes & Vascular Disease Research* 1:68-75, 2004.
2. **Kim SH**, Reaven GM. Obesity and Insulin Resistance: an Ongoing Saga. *Diabetes* 59:2105-6, 2010.
3. **Kim SH**. Measurement of insulin action: A tribute to Sir Harold Himsworth. *Diabetic Medicine* 28:1487-1493, 2011.
4. Sarraju A, **Kim SH**, Knowles JW. Cardiometabolic Effects of Glucagon-Like Peptide-1 Agonists. *Current Atherosclerosis Reports* 18:7, 2016.
5. **Kim SH**, Reaven GM. Insulin clearance: an underappreciated modulator of plasma insulin concentration. *Journal of Investigative Medicine* 64:1162-5, 2016.
6. Yu MK, **Kim SH**. Second-line Agents for the Treatment of Type 2 Diabetes and Prevention of CKD. *Clinical Journal of American Society of Nephrology* 11:2104-6, 2016.
7. **Kim SH**, Reaven GM. Salsalate treatment for prediabetes: a therapeutic alternative? *Diabetic Medicine*, 2016
8. **Kim SH**, Abbasi F. Myths about Insulin Resistance: Tribute to Gerald Reaven. *Endocrinology and Metabolism* 34:47-52, 2019.
9. **Kim SH**. A Nuanced Relationship between Prediabetes and Chronic Kidney Disease. *Journal of Clinical Endocrinology and Metabolism* 105: e1906-e1907, 2020.

Abstracts Not Published in Other Forms

1. **Kim SH**, Mealey J, Moore S, Santana-Mora S, Moreno C, Miles P, Du N, Feeley T, Herbert J, Cabaj RP, Louie AK. "Improving metabolic health in patients with severe mental illness." 10th Annual Community Health Symposium, Stanford, CA, 2011.
2. Tan M, **Kim SH**. "Does polycystic ovarian syndrome increase insulin resistance above and beyond obesity?" American Diabetes Association Annual Meeting, Philadelphia, PA, 2012.
3. **Kim SH**, Reaven G. "Statin-induced Glucose Tolerance." American Diabetes Association Annual Meeting, New Orleans, LA, 2016.
4. **Kim SH**, Reaven G. "Racial Differences in Insulin Resistance, Secretion, and Clearance." American Diabetes Association Annual Meeting, Orlando, FL, 2018.
5. Landry MJ, Aronica L, Crimarco A, Cunanan K, Perelman D, Petlura C, Durand L, A Chang, Robinson J, **Kim SH**, Gardner C. "Effect of Ketogenic Diet vs Mediterranean Diet on HbA1c: The Keto-Med Randomized Crossover Trial. The Obesity Society, Virtual, 2021

Book Chapters

Lathi RB, **Kim SH**, Comstock I. "Obesity and the endometrium." In Simón and Giudice (Eds.), *The Endometrial Factor* (pp. 111-119), 2017.

Invited Commentaries

Kim SH. "Effect of Vitamin D and Omega-3 Fatty Acid Supplementation on Kidney Function in Patients with Type 2 Diabetes." *Practice Update*, November 18, 2019

Kim SH. "Nuanced Relationship between Prediabetes and Chronic Kidney Disease." *Journal of Clinical Endocrinology and Metabolism*, 105 (4): e1906-7, 2020

Kim SH. "Nomenclature for Kidney Function and Disease." *Practice Update*, July 24, 2020

INVITED PRESENTATIONS

Oral Presentations: National/International

- 2004 "Impact of Degree of Obesity on Surrogate Estimates of Insulin Resistance." World Congress on the Insulin Resistance Syndrome, Los Angeles, CA
- 2006 "Surrogate Metabolic Markers of Insulin Resistance." Annual World Congress on the Insulin Resistance Syndrome, San Francisco, CA
- 2007 "Insulin Resistance and the Many Faces of the Metabolic Syndrome." American College of Neuropsychopharmacology Annual Meeting, Boca Raton, FL
- 2008 "Effect of 8 Weeks of Red Wine and Vodka on Insulin Sensitivity in Insulin Resistant Individuals." American Diabetes Association Annual Meeting, San Francisco, CA
- 2009 "Plasma Glucose and Insulin Regulation is Abnormal Following Gastric Bypass Surgery with or without Neuroglycopenia." American Diabetes Association Annual Meeting, New Orleans, LA
- 2010 "Metabolic Complications of Antipsychotic Medications." World Congress on the Insulin Resistance Syndrome, San Francisco, CA
- 2010 "Gastric Bypass Surgery and the Story of Hyperinsulinemic Hypoglycemia." GRAND Annual Meeting, San Francisco, CA
- 2010 "Glucose-stimulated Insulin Secretion in Gastric Bypass Patients with Hypoglycemic Syndrome: No Evidence for Inappropriate Pancreatic β -cell Function." American Diabetes Association Annual Meeting, Orlando, FL
- 2011 "Pancreatic β -cell Function after Gastric Bypass: The Story of Hyperinsulinemic Hypoglycemia." World Congress on the Insulin Resistance Syndrome, Los Angeles, CA
- 2012 "Fork in the Road of Insulin Resistance: Understanding Pancreatic β -Cell Function." Duke Endocrinology Grand Rounds, Durham, NC
- 2012 "Glucagon-like Peptide 1 and Pancreatic β -Cell Function." Duke-NUS Research Conference, Singapore, Singapore
- 2014 "Differences in Insulin Resistance and Cardiovascular Risk between Men and Women." World Congress on Insulin Resistance, Diabetes, and Cardiovascular Disease, Los Angeles, CA
- 2015 "Salsalate on Insulin Action, Secretion, and Clearance in Nondiabetic, Insulin-Resistant Individuals." American Diabetes Association Annual Meeting, San Francisco, CA
- 2015 "GLP-1 Receptor Agonists for the Treatment of Obesity." American Diabetes Association Annual Meeting, Boston, MA
- 2015 "GLP-1 Receptor Agonists for the Treatment of Obesity." UC Davis Endocrine Research Conference, Davis, CA
- 2015 "Insulin Resistance and Amino Acids." World Congress on Insulin Resistance, Diabetes, and Cardiovascular Disease, Los Angeles, CA
- 2016 Session Chair, American Diabetes Association Annual Meeting, New Orleans, LO
- 2018 "Adapting to Insulin Resistance in Obesity: Role of insulin resistance and insulin secretion." World Congress on Insulin Resistance, Diabetes, and Cardiovascular Disease, Los Angeles, CA
- 2022 "Impact of SGLT2 Inhibitors and GLP-1 Agonists on Diabetes, Cardiovascular Disease, and Kidney Function." 28th Annual Cardiovascular Nursing Symposium, Las Vegas, NV

Regional (Since 2010)

- 2010 Community Seminar on Recurrent Pregnancy Loss, Arrillaga Alumni Center, Stanford, CA
- 2010 Stanford University Women’s Health Medical Forum, Stanford, CA
- 2011 Stanford University Endocrinology Grand Rounds, Stanford, CA
- 2011 Endocrinology Update for Primary Care Practitioners, Li Ka Shing Center, Stanford, CA
- 2011 Obesity in America, Continuing Medical Education Course, Arrillaga Alumni Center, Stanford, CA
- 2012 Women’s Health Forum, Li Ka Shing Center, Stanford, CA
- 2013 Stanford University Endocrinology Grand Rounds, Stanford, CA
- 2014 Stanford Parent Weekend, Stanford, CA
- 2015 Stanford University Nephrology Research Conference, Stanford, CA
- 2015 Stanford University Endocrinology Grand Rounds, Stanford, CA
- 2016 Stanford University Endocrinology Grand Rounds, Stanford, CA
- 2017 “How to Understand the Metabolism.” Regional Medical Center.
“Fatty Liver.” 3rd Annual Frontiers in Diabetes Research Symposium, Stanford, CA
- 2018 “Social Determinants of Type 2 Diabetes.” Natividad Medical Center, Salinas, CA
“Polycystic Ovarian Syndrome.” Regional Medical Center, San Jose, CA
- 2019 “Real-time Continuous Glucose Monitoring to Aid Weight Loss in Prediabetes.”
Stanford Diabetes Research Forum, Stanford, CA
“Canagliflozin and Renal Events in Diabetes with Established Nephropathy Clinical Evaluation “ Stanford Medicine Grand Rounds, Stanford, CA
- 2020 “Type 2 Diabetes: the Endocrinologist View.” Bayer Symposium, Stanford, CA
“New Medications for T2DM and Clinical Practice Guidelines.” Bayer Symposium, Stanford, CA
- 2021 “A New Paradigm in Diabetes Care.” Sutter Roseville Medical Center, Roseville, CA
“Diabetes Debunked: Fact vs fiction.” Health Matters, Stanford, CA
“Metabolic Syndrome.” Virtual, Kazakstan.
“Losing Weight—in Psychiatry.” Psychiatry Grand Rounds, Stanford, CA
“Understanding Obesity: From Stigma to Solutions.” Stanford Health Library, Stanford, CA
“New Era in Obesity Management.” Stanford Center for Clinical Research, Stanford, CA
- 2022 “Fatty Liver Disease and Obesity.” Stanford Liver Education and Awareness Program (LEAP), Stanford, CA
“Type 2 Diabetes in Asian Americans.” Stanford Center for Asian Health Research and Education (CARE), Stanford, CA