

## CURRICULUM VITAE

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### EDUCATION AND TRAINING

#### Undergraduate

1978-1983	School of Medicine Tohoku University Aoba-ku, Sendai, Japan	M.D. 1983	Medicine
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#### Graduate

1985-1990	School of Medicine Yamagata University Yamagata, Japan	Ph.D. 1990	Internal Medicine
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1994-1996	Graduate School of Public Health, University of Pittsburgh Pittsburgh, PA, USA	M.P.H. 1996	Epidemiology
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1994-1999	Graduate School of Public Health, University of Pittsburgh Pittsburgh, PA, USA	Ph.D. 1999	Epidemiology
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#### Post-Graduate

1983-1985	National Sendai Hospital Sendai, Japan	Residency	Dr. M. Watanabe Internal Medicine
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1985-1986	Yonezawa City Hospital Yonezawa, Japan	Residency	Dr. M. Takahashi Internal Medicine
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1999-2000	Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh PA, USA	Research Specialist	Professor Ronald E. LaPorte
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## APPOINTMENTS AND POSITIONS

### **Academic**

2012 – present	Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, USA	Associate Professor of Epidemiology
2018-2019	Keio University, Tokyo, Japan	Guest Associate Professor
2005–present	Shiga University of Medical Science, Otsu, Japan	Adjunct Associate Professor
2001- 2012	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA, USA	Assistant Professor of Epidemiology
1990-1994	The Third Department of Internal Medicine Yamagata University School of Medicine Yamagata, Japan	Instructor

### **Non- Academic**

None

## CERTIFICATION AND LICENSURE

### Specialty Certification

Board certified physician in Diabetes Mellitus	Japan Diabetes Society	1993-2015
Board certified physician in Internal Medicine	Japanese Society of Internal Medicine	1991-2015

### Medical or Other Professional Licensure

Medical License	Ministry of Health, Japan	1983 Registration no. 279036
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## MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2018	American Society of Nutrition
2016	North American Menopause Society
2005	American Diabetes Association
2001	Society of Epidemiological Research
1999	American Heart Association
1997	Japan Epidemiology Association
1996	Japanese Public Health Association
1985	Japan Diabetes Society
1983	Japanese Society of Internal Medicine

## HONORS

2016	Faculty contact, Cardiovascular & Diabetes Epidemiology Areas of Concentration, Department of Epidemiology, University of Pittsburgh
2012	Soy Health Research Program Incentive Award
2002	Outstanding faculty, University of Pittsburgh

2001	Fellow Council on Epidemiology and Prevention American Heart Association
2001	UPCI Scientific Award University of Pittsburgh, Cancer Institute
2000	Associate Fellow Council on Epidemiology and Prevention American Heart Association
1999	Member Delta Omega Honor Society
1991	Japanese Society of Internal Medicine Award (The only prize that the Society awards) Japanese Society of Internal Medicine

## PROFESSIONAL ACTIVITIES

### 1. Teaching

#### a. Courses Taught

<b>Years Taught</b>	<b>Course Number: Title</b>	<b>Hours of Lecture, credits Average Enrollment</b>	<b>Primary Instructor?</b>
2021	2150: CVD Epidemiology	9:00 – 10:50 2 credits	100%
2021	2900: Advanced Epidemiology of Aging	2 hours	Guest lecturer
2020	2170: Chronic Disease Epidemiology	2 hours (Epidemiology of CVD)	Guest lecturer
2020	2150: CVD Epidemiology	9:00 – 10:50 2 credits	100%
2019	2150: CVD Epidemiology	9:00 – 10:50 2 credits	100%
2019	2170: Chronic Disease Epidemiology	4 hours (Epidemiology of CVD)	Guest lecturer

<b>Years Taught</b>	<b>Course Number: Title</b>	<b>Hours of Lecture, credits Average Enrollment</b>	<b>Primary Instructor?</b>
2019	2152 Workshop in Cardiovascular Epidemiology		Associated Instructor
2019	2900: Advanced Epidemiology of Aging	2 hours	Guest lecturer
2018	2170: Chronic Disease Epidemiology	4 hours (Epidemiology of CVD)	Guest lecturer
2018	2150: CVD Epidemiology	9:00 – 10:50 2 credits	100%
2018	2152 Workshop in Cardiovascular Epidemiology		Associated Instructor
2017	2170: Chronic Disease Epidemiology	4 hours (Epidemiology of CVD)	Guest lecturer
2017	2150: CVD Epidemiology	9:00- 10:50 2 credits	100%
2017	2152 Workshop in Cardiovascular Epidemiology		Associated Instructor
2016	2170: Chronic Disease Epidemiology	5 hours (Epidemiology of CVD and COPD)	Guest lecturer
2016	2150: CVD Epidemiology	9:00- 10:50 2 credits	100%
2016	2152 Workshop in Cardiovascular Epidemiology		Associated Instructor
2015	2170: Chronic Disease Epidemiology	5 hours (Epidemiology of CVD and COPD)	Guest lecturer
2015	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2015	2152: Subclinical CVD Journal Club (CVD training grant)		Co-Director
2014	2170: Chronic Disease Epidemiology	5 hours (Epidemiology of CVD and COPD)	Guest lecturer

<b>Years Taught</b>	<b>Course Number: Title</b>	<b>Hours of Lecture, credits Average Enrollment</b>	<b>Primary Instructor?</b>
2104	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2013	2152 Workshop in Cardiovascular Epidemiology		33%
2013	2152: Subclinical CVD Journal Club		
2013	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2012	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2011	2150: CVE Epidemiology	9:00- 10:50 2 credits	50%
2010	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2009	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2008	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2007	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2006	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%
2005	2150: CVD Epidemiology	9:00- 10:50 2 credits	50%

**b. Other Teaching**

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
Nov., 2020	Program for Leading Graduate Schools, Shiga University of Medical Science, Shiga, Japan (Over the Internet)	Cardiovascular Epidemiology I and II
Oct., 2018	Program for Leading Graduate Schools, Shiga University of Medical Science, Shiga, Japan (Over the Internet)	Atherosclerosis I and II

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
May, 2016	Program for Leading Graduate Schools, Shiga University of Medical Science, Shiga, Japan (Over the Internet)	Atherosclerosis I and II
Sep., 2015	Program for Leading Graduate Schools, Shiga University of Medical Science, Shiga, Japan (Over the Internet)	Epidemiology of Diabetes and current controversies I through IV
Jan, 2013 – 2018	Co-director of cardiovascular training grant (T32)	
Sep 2008	Invited lecture in Critical Issues in Global Health (Public Health 2009), Graduate School of Public Health, University of Pittsburgh	Global burden of cardiovascular disease and diabetes
Nov., 2007	Invited lecture in Critical Issues in Global Health (Public Health 2009), Graduate School of Public Health, University of Pittsburgh	Global burden of cardiovascular disease
Oct., 2006	Invited lecture in Critical Issues in Global Health (Public Health 2009), Graduate School of Public Health, University of Pittsburgh	Global burden of cardiovascular disease
Feb., 2004	Lecture given in EPI2170 (Global Health, the Internet, and Academia), Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh	Trends and Variations in morbidity and mortality
Oct., 2003	Critical Issue in Global Health, Graduate School of Public Health, University of Pittsburgh	Global Burden of Diabetes
Mar., 2003	Lecture given in EPI2170 (Global Health, the Internet, and Academia), Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh	Trends and Variations in mortality; International and Domestic (II)
Mar., 2003	Lecture given in EPI2170 (Global Health, the Internet, and Academia), Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh	Trends and Variations in mortality; International and Domestic (I)

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
Oct., 2002	Lecture given in Critical Issues in Global Health, Graduate School of Public Health, University of Pittsburgh	Global Burden of Diabetes
Apr., 2002	Lecture given in EPI2170 (Global Health, the Internet, and Academia), Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh	Trends and Variations in mortality; International and Domestic
Jan., 2002	Lecture given in Epidemiology Course at Shiga University of Medical Science, Otsu, Japan	Introduction of Epidemiology for medical students
1986-1994	As an instructor of the Third Department of Internal Medicine, Yamagata University School of Medicine	Epidemiology of Diabetes Mellitus, Management of Patients with Diabetes Mellitus, Self Monitoring of Blood Glucose, Intensive Insulin Therapy, Lipid Disorders in Patients with Diabetes, Diabetic Retinopathy, Diabetic Nephropathy, Diabetic Neuropathy, Insulin Resistance, Artificial Pancreas, Euglycemic Glucose Clamp, and others
1986-1994	Bedside teaching for medical students	Various topics in diabetes mellitus

**c. Major Advisor for Graduate Student Essays, Theses, and Dissertations**



<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Ke'alo Worthington	April 2021	Pacific islanders and the impact of COVID-19 in Hawaii	MPH
Niva Joshi		Current MPH student	
Xiao Zhang		Current PhD Student	
Chendi Cui	Jun 2019	Vascular Burden, Brain beta-amyloid, and Soy Isoflavones: Informing Dementia Prevention Program	PhD
Chikako Nakama	Apr 2019	Cross sectional association of bone mineral density with coronary artery calcification in multi-ethnic middle-aged men: ERA JUMP study	MPH
Brian Man	Apr 2019	A systematic review and meta-analysis of the effect of soy isoflavones on arterial stiffness	MS
Hemant Mahajan	Dec 2017	Association of subclinical atherosclerosis with lipoprotein sub-fraction, alcohol consumption and long chain n-3 polyunsaturated fatty acids among healthy middle-aged men from the ERA JUMP Study	PhD
Naoko Sagawa	2016	Omega-3 fatty acids and type 1 helper T cells	MPH
Guo Jingchuan	2016	Progression of brachial ankle pulse wave velocity	MPH
Vasudha Ahuja	2015	Comparison of insulin resistance and secretion between Japanese and white/Progression of intima-media thickness and coronary artery calcification between Japanese Americans and whites	PhD
Abhishek Vishnu	2014	Biomarkers and risk factors of atherosclerosis among middle-aged men in an international population-based study	PhD

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Sunghhee Lee	2010	Association of n-6 fatty acids with plasminogen activator inhibitor 1 Association of vitamin D with subclinical atherosclerosis Association of marine n-3 fatty acids with incidence of coronary artery calcification	PhD
Lauren Hassen	2010	Association of serum n-3 fatty acids with fibrinogen	MPH
Tina Assi	2008	Association of pulse wave velocity with lipoprotein distribution in middle-aged white men	MPH
Jina Choo	2008	Relation between Serum Polyunsaturated Fatty acids and Lipoprotein Subclasses in U.S. White, Japanese and Japanese American Men Segmental Pulse Wave Velocity and Its Risk factors in Apparently Healthy Men: A Cross-Sectional Study Stronger Associations of Sagittal Abdominal Diameter with Atherogenic Lipoproteins than Waist Circumference In Middle-Aged White Men	DrPH
Kenneth Ray Motoyama	2008	The association of serum n-6 and polyunsaturated fatty acids with l in three populations of middle-aged men	MPH
Teruo Otake	2008	Association of PAI-1 with serum fatty acids	MPH
Katsumi Nakata	2008	Association of blood pressure with polyunsaturated fatty acids	MMPH
Michael Hopson	2005	Association of various indexes of obesity with NMR lipoproteins in Caucasian men aged 40-49	MPH

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>	<b>Notes</b>
Vivian Kong	2005	Investigation of the association between subclinical atherosclerosis and depression in Caucasian men aged 40-49.	MPH
Aiman El-Saed	2005	Relationship of lipoprotein-associated phospholipase A2 and coronary calcification among Americans and the Japanese	MPH
Tomoko Takamiya	2004	World Health Organization-defined metabolic syndrome is a better predictor of coronary calcium than the adult treatment panel III criteria in American men aged 40-49 years	MPH

**d. Service on Masters or Doctoral Committees**

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
2020-21	Emily Guhl	MS	Impact of social factors on racial differences in cardiac rehabilitation participation
2019-2020	Michelle Clifton	MS	Periaortic adipose tissue relationship with arterial stiffness in midlife men
2019-2020	Curtis Tilves	PhD	The impact of adipose tissue and the gut microbiome on diabetes risk among African-Caribbean men
2019	Columbus Mindy	PhD	Current - dropped
2019	Michael Genuardi	MS	Cardiovascular Consequences of Impaired Sleep
2018	Dana Jorgensen	PhD	Racial differences in brain health at midlife and the potential mediating role of cardio-respiratory fitness and cardio-metabolic risk

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
2016	Carrie Hanley	PhD	Quantity and quality of cardiovascular fat in women at midlife: association with cardiovascular risk factors and subclinical atherosclerosis
2016	Rachel Miller	PhD	Risk stratification for 25-years cardiovascular disease incidence in type 1 diabetes
2016	Tammy Outly	DrPH	High sensitivity troponin and cardiovascular disease
2014	Jessica White	DrPH	Depression and HIV infection: Risk factors for cardiovascular disease
2014	Ge Liu	PhD	Dementia, brain structure, and vascular risk factors in very old blacks and whites
2014	Nancy Niemczyk	DrPH	Nulliparity is Associated with Subclinical Cardiovascular Disease in Overweight and Obese Young Women in the SAVE Trial
2014	David Salcido	PhD	Incidence, Outcomes, and Characteristics of Rearrest After Resuscitation from Out-of-Hospital Cardiac Arrest
2012	Erica Amebeba	PhD	
2012	Brar Jaspreet	PhD	An association of socio-demographic, lifestyle, prenatal, and developmental characteristics with medical comorbidities in patients with schizophrenia and related disorders
2011	Jassie Eagleton	MPH	Surgical and medical treatments for type 2 diabetes, analysis and one year outcome reporting on “The TRIABETES study”: A randomized trial to compare surgical and medical treatments for type 2 diabetes
2008	Sanjaya Dhakal	PhD	Fat partitioning and subclinical atherosclerosis in a cohort of women transitioning through menopause
2008	Samar EL Khoudary	DrPH	Interstitial cystitis: effect of intravesical pentosan polysulfate sodium on the severity of symptoms and the health-related quality of life.

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
2007	Mita Levalekar	PhD	Indian Supercourse Network in Epidemiology – development and evaluation
2003	Beatriz Rico Verdin	PhD	Needs assessment of the epidemiological information system in the Mexican institute of social security
2002	Fan Zhou	MPH	Association between infectious diseases and type 1 diabetes
2002	Faina Linkov	MPH	Distance Learning Model in the limited States (US) and the Supercourse: An Overview
2002	Tadao Okada	MMPH	A qualitative research on the experiences of getting medical care in the United States by members of the Japanese community in Pittsburgh

**e. Service on Comprehensive or Qualifying Examination Committees**

<b>Dates Served</b>	<b>Student Population</b>	<b>Type of Exam (Qualifying/Comprehensive)</b>
2008	2 Ph.D. Epidemiology students	Comprehensive exam
2007	3 Ph.D. Epidemiology students	Comprehensive exam
2009	2 Ph.D. Epidemiology students	Comprehensive exam
2008	2 Ph.D. Epidemiology students	Comprehensive exam
2007	2 Ph.D. Epidemiology students	Comprehensive exam
2006	2 Ph.D. Epidemiology students	Comprehensive exam
2005	1 Ph.D. Epidemiology student	Comprehensive exam
2004	1 Ph.D. Epidemiology student	Comprehensive exam
2003	2 Ph.D. Epidemiology students	Comprehensive exam

<b>Dates Served</b>	<b>Student Population</b>	<b>Type of Exam</b> (Qualifying/Comprehensive)
2002	2 Ph.D. Epidemiology students	Comprehensive exams
2001	4 Ph.D. Epidemiology students	Comprehensive exams

**f. Supervision of Post-Doctoral Students, Residents, and Fellows**

<b>Dates Supervised</b>	<b>Name of Student</b>	<b>Position of Student</b>
2019-2021	Megan Marron	Post-doctoral fellow, T32 Cardiovascular Training grant
2016-2019	Siyi Shangguan	Post-doctoral fellow, UPMC (MD, MPH)
2016-2017	Naoko Sagawa	MD, MPH
2012- 2015	Eleanor K. Hagerman	MPH
Sep 2009 -2011	Nobutaka Hiro-oka	MS (MD)
Sep 2009- March 2010	Ashishi Guphita	MPH (MD)
Feb 2008 – Aug 2008	Gang Huang	Visiting scholar from China (MD)
Jan 2009 – July 2009	Kenneth R Motoyama	Pre medical school
Sep 2007-	Erica Cofield	PhD
Apr 2005 – Feb 2007	Koichiro Azuma	Post-doc (MD)
Apr 2005 – Feb 2007	Ryoko Azuma W	Post doc (MD)
Jan 2005 – Aug 2005	Seiko Irie	Post doc (MD)
Jul 2000- Apr 2003	Benjamin Acosta	PhD (MD)
Jul 200 – May 2002	EunRyoung Sa	MPH

**g. Mentoring of Graduate Students in Field Placements**

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Description</b>	<b>Field Site</b>
2018-2019	Shiyao Gao	PhD	Department of Epidemiology

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Description</b>	<b>Field Site</b>
2018-2020	Brain Man	MPH	Department of Epidemiology
2016-2020	Curtis Tilves	MS	Department of Epidemiology
2014-2018	Rahel Birru	MPH	Department of Environmental and Occupational Health, University of Pittsburgh
2012-2014	Naoko Nakagawa	PhD	Shiga University of Medical Science, Otsu, Japan
Feb 2001- Jun 2001	Ying Cai	Master/Computer Science	School of Information Science and Library, University of Pittsburgh

#### **h. Other Teaching and Training**

<b>Dates</b>	<b>Teaching Activity</b>	<b>Program/Description</b>
2019-Present	Director	T32 Cardiovascular Epidemiology Training Grant
2018-2019	Mentor senior faculty (Daisuke Sugiyama, MD, Associate Professor)	Visiting Scholar to Department of Epidemiology from Keio University, Tokyo, Japan
2013-Present	Co-Director	T32 Cardiovascular Epidemiology Training Grant
2016-2018	Mentor junior faculty (Dr. Sayaka Kadowaki at Shiga University of Medical Science)	International Comparison of Abdominal Fat Distribution Among Four Populations: The ERA-JUMP Study
2010-2015	Mentor junior faculty (Dr. Aiman El-Saed at King Saud bin Abdulaziz University for Health Sciences)	n-6 fatty acids and C-reactive protein

<b>Dates</b>	<b>Teaching Activity</b>	<b>Program/Description</b>
2012-2014	Mentor junior faculty (Dr. Sinya Nagasawa at Kanazawa University)	Atherosclerosis, inflammation, and body-mass index
2011-2012	Mentor junior faculty (Dr. Akira Fujiyoshi at Shiga University of Medical Science)	Coronary calcification and body- mass index in four ethnic groups
Jul 2010	How to write biomedical science papers	2 day seminar at Shiga University of Medical Science, Otsu, Japan
Mar 2010	How to write biomedical science papers	3-day seminar in Pittsburgh for Japanese researchers
1990-1994	Management of diabetes mellitus in a community	Trainings for public health nurses and nutritionists



**2. Research and Training**  
**a. Grants and Contracts Received**  
**Principal Investigator**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>
2021-2023	3U24TR001608-05S4 ACTIV-6: COVID-19 Outpatient Randomized Trial to Evaluate Efficacy of Repurposed Medications	NCAT
2018-2021	R21 ES029734 Building capacity for the Study of Cognition and Risk Factors in Kazakhstan	NIH/NIHES
2019-2024	T32HL083825 Cardiovascular Epidemiology Training Grant	NIH/NHLBI
2016-2021	RF1AG051615 Omega-3, isoflavones & amyloid deposition in cognitively normal elderly Japanese	NIH/NIA
2007-2014	R01 HL068200 Epidemiology of CHD of Men Aged 40+ in US, Hawaii, Japan	NIH/NHLBI
2012	Soy Health Research Program Incentive Award	United Soybean Board
2003-2007	R01 HL068200 Epidemiology of CHD of Men Aged 40+ in US, Hawaii, Japan	NIH/NHLBI
<b>2000-2002</b>	Beginning Grant-in-Aid, 0160512U, Epidemiology of subclinical atherosclerosis evaluated by EBCT and risk factors in men in the post World War II birth cohort	American Heart Association

**Co-Investigator on Grants**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>
2000-2004	Epidemiology on the Internet	NLM/NIH

**Others**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>
2018-2022	Subclinical atherosclerosis and brain in Japanese women (Phase 2)	Japanese government
2018-2023	Equol, isoflavones & atherosclerosis in community-based samples of Japanese individuals	Japanese government
2013-2019	Leading Graduate Program for reducing the burden of non-communicable disease in the Asian Pacific Region	Japanese government
2013-2018	Subclinical atherosclerosis and brain in Japanese women (Phase 1)	Japanese government
2013-2018	5T32HL083825 Cardiovascular Training Grant	NHLBI/NIH
2011-	5T32AG000181 Training in the epidemiology of aging	NIA/NIH
2011-2016	D43 TW009078 Share India University Pittsburgh population and intervention research training	FIC/NIH

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>
2013-2018	Matabolomics, novel biomarkers, and subclinical disease	Japanese government
2012-2016	Chronic Obstructive Pulmonary Disease and Coronary Atherosclerosis	Japanese government
2005-2009	Epidemiological research on subclinical atherosclerosis in the Japanese	Japanese government
2006-2007	CETP in the Japanese in Japan and Americans	Japanese government
2006-2007	Metabolic syndrome in the Japanese in Japan and Americans	Japanese government
2001-2004	Public Health Education via Internet	Ministry of Health, Labor and Welfare, Japan

**b. Invited Lectureships and Major Seminars Related to Your Research**

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
Sep 2017	Fish tale, Soy story – characteristics of the Japanese diet: Are they relevant to dementia	GRECC/MIRECC noon lecture, VA Pittsburgh Healthcare System
Apr 2017	Fish tale, Soy story – characteristics of the Japanese diet: Are they relevant to dementia	Alzheimer’s Disease Research Center, Univ. of Pittsburgh
Jan 2016	Marine omega-3 fatty acids, atherosclerosis and adaptive immunity	Cardiovascular Outcomes Research Workshop/Retreat Pittsburgh
March 2015	Fish tale, Soy story – No more epidemic of CHD in the US	Departmental seminar of Epidemiology, University of Pittsburgh
Dec 2013	Toward the prevention of CHD in the US – Learning lessons from Japan	Nation Center for Cerebral and Cardiovascular Center in Japan
July 2013	Epidemiological evidence for prevention of atherosclerosis in Japanese	Symposium at the 45 <sup>th</sup> annual scientific meeting of the Japan Atherosclerosis Society, Tokyo, Japan
June 2013	Cardioprotective effect of marine n-3 fatty acids	Annual Meeting of the Japanese Association for Cerebro-cardiovascular Disease Control (JACD) 2013
December 2012	Marine n-3 fatty acids, epidemiology, and ERA JUMP	Seminar and panel discussion at the National Cerebral and Cardiovascular Center, Suita, Japan
December 2012	Health in Japan as compare to the US	Invited speaker at public lecture hosted by Life Innovation Association, Kansai
December 2012	Epidemiological Research in Pittsburgh	Invited speaker at Kobe trial hosted by Research Innovation Technology Institute, Kobe
March 2012	Insulin and atherosclerosis	Department of Health Science, Shiga University of Medical Science, Otsu, Japan
February 2012	Epidemiology of COPD in Japan	University of Hawaii

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
December 2011	Omega-3 fatty acids and cardiovascular disease Life Study Seminar	Pittsburgh
June 2011	Pulse wave velocity research in the U.S.	Omron, Kyoto, Japan
June 2011	Alpha-Omega Trial: Its interpretation	Department of Health Science, Shiga University of Medical Science, Otsu, Japan
December 2010	ERA JUMP Study	National Cerebral and Cardiovascular Center, Suita, Japan
December 2010	Epidemiology of Chronic Obstructive Lund Disease in the US and Japan	Department of Health Science, Shiga University of Medical Science, Otsu, Japan
June 2010	Update of ERA JUMP Study	Kuwakini Medical Center, Honolulu, HI
March 2010	Prevention of coronary heart disease in the 21 <sup>st</sup> century – ERA JUMP Study	Department of Epidemiology Seminar, Pittsburgh, PA
January 2010	ERA JUMP Study	Health Clinic, Department of Epidemiology, Pittsburgh, PA
Apr 24, 2009	ERA JUMP Study – Beyond the Seven Countries Study	International Symposium on Nutrition and Cardiovascular Disease. Shiga, Japan
Mar 24, 2009	ERA JUMP Study- why CHD mortality is low in Japan	Ground Round, Cardiovascular Institute, University of Pittsburgh, Pittsburgh, PA
Sep 13, 2007	ERA JUMP Study – Beyond the Seven Countries Study	Epidemiology Seminar, Graduate School of Public Health
July 2006	Association of Beta cell function and insulin resistance with coronary calcification	Shiga University of Medical Science, Otsu, Japan
April 2006	Update and future directions of the ERA JUMP Study	Shiga University of Medical Science, Otsu, Japan

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
March 2006	Update and future directions of the ERA JUMP Study	American Heart Association meeting in Phoenix Arizona
Feb 22, 2006	Interim results with the celebration of the completion of the recruitments of the ERA JUMP study	Health Clinic, Department of Epidemiology, University of Pittsburgh
Feb 14, 2006	Docosahexaenoic acid and intima-media thickness of the carotid artery	Pacific Health Research Institute, Honolulu, Hawaii
Dec 10, 2005	Insulin secretion and atherosclerosis	Shiga University of Medical Science, Otsu, Japan
Nov 7, 2005	ERA JUMP study	Pacific Health Research Institute, Honolulu, HI
July 2004	ERA JUMP study	Shiga University of Medical Science, Otsu, Japan
July 2004	How to write a scientific paper in English	Shiga University of Medical Science, Otsu, Japan
June 2004	ERA JUMP study	Pacific Health Research Institute, Honolulu, Hawaii
March 2004	Insulin resistance and subclinical atherosclerosis	Shiga University of Medical Science, Otsu, Japan
October 2003	Future of primary prevention of CHD in the US and ERA-JUMP study	National Cerebro and Cardiovascular Center, Suita, Japan
April 2003	ERA-JUMP (EBT and Risk Assessment among Japanese and US Men in the Post WWII birth cohort	Shiga University of Medical Science, Otsu, Japan
October 2002	Fish tale	Pittsburgh Japanese School Cultural Exchange event
January 2002	Global Health Network and international contributions in global health from Japan	Broadcast in University Hospital Medical Information Network among 13 National Universities in Japan

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
January 2002	Primary Prevention of Coronary Heart Disease in the US	Shiga University of Medical Science, Otsu, Japan
December 2001	Overview of the Global Health Network Supercourse	First Forum at the International Research Center for Medical Education, The University of Tokyo, Tokyo, Japan
December 2001	Think out of the box – Global Health Network Supercourse	Professional Seminar, Graduate School of Medicine and Public Health, Kyoto University, Kyoto, Japan
July 2001	Supercourse and International Research	CORO Pittsburgh Health Science Fellowship, Pittsburgh PA
May 2001	EBCT and Risk factor Assessment among Japanese and US men in the post World War II birth cohort – ERA-JUMP study	Osaka, Japan at the 5 <sup>th</sup> International Conference on Preventive Cardiology
July 2000	Quality Control of health information on the Internet	The Internet Global Summit, INET 2000, Yokohama, Japan
September 1999	French paradox comes to the US: geographic variation in mortality from CHD in the US	GSPH, University of Pittsburgh
July 1999	Trends in mortality from CHD among men in the post World War II birth cohorts in the US and Japan	Yamagata University, School of Medicine, Yamagata, Japan
September 1998	Global Health Network Supercourse	The World Health Organization, Kobe Centre, Kobe, Japan
August 1998	Global Health Network Supercourse	The World Health Organization, Geneva Switzerland
May 1998	Successful ingredients of web presentation - Supercourse	Society of Epidemiologic Research, Chicago IL

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
May 1998	Epidemiology of diabetes and its complications	41st annual meeting of Japan Diabetes Society, Wayakaya, Japan
April 1998	Global Health Network and Diabetes Mellitus	International Diabetes Federation consultative session on childhood diabetes, Phuket, Thailand
February 1998	International collaboration and the Internet	The advancement of diabetes mellitus, Sendai, Japan
January 1998	Global Health Network	The 4 <sup>th</sup> Annual National Convention of the USA International Health Program, Stratford, NJ
July 1997	Meeting the information needs of front-line health workers: Action in international medicine, Global Health Network	Global Knowledge 97, World Bank, Toronto, Canada
July 1997	Telemedicine: Tools, Strategies, and Controversies	Global Knowledge 97, World Bank, Toronto, Canada
May 1997	Global Health Network	Symposium of The 3 <sup>rd</sup> International Conference on the Medical Aspects of Telemedicine, Kobe, Japan
April 1997	Global Health Network/Disease Monitoring and Capture Recapture Methods	Annual meeting of Japanese Society of Hygiene, Tokyo, Japan
March 1997	Global Health Network and Minamata Disease	International Scientific meeting at the National Institute for Minamata Disease, Minamata, Japan
March 1997	Global Health Network	University of Occupational and Environmental Health, Japan, Kitakyushu, Japan



<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
September 1996	Global Health Network/Capture Recapture Methods/Disease Prevention in the next millennium	Annual meeting of Japanese Society of Public Health, Osaka, Japan

**c. Other Research and Training Activities**

<b>Date</b>	<b>Position</b>	<b>Description of Activity</b>
July 1996 (10 days)	Faculty	6th Cambridge Seminar on the Epidemiology and Public Health Aspects of Diabetes
August 1995 (one week)	Faculty	The Second Japan-US Diabetes Epidemiology Training Course

## PUBLICATIONS

### 1. Refereed Articles

1. Marron MM, Moore SC, Wendell SG, Boudreau RM, Miljkovic I, **Sekikawa A**, Newman AB. Using lipid profiling to better characterize metabolic differences in apolipoprotein E (APOE) genotype among community-dwelling older Black men. *Geroscience*. 2021 (Accpeted).
2. Sullivan KJ, Ran X, Wu F, Chang CH, Sharma R, Jacobsen E, Berman S, Snitz BE, **Sekikawa A**, Talbott EO and Ganguli M. Ambient fine particulate matter exposure and incident mild cognitive impairment and dementia. *J Am Geriatr Soc*. 2021 (Accepted)
3. Zaid M, Fujiyoshi A, Hisamatsu T, Kadota A, Kadowaki S, Satoh A, **Sekikawa A**, Barinas-Mitchell E, Horie M, Miura K and Ueshima H. A Comparison of Segment-Specific and Composite Measures of Carotid Intima-Media Thickness and their Relationships with Coronary Calcium. *J Atheroscler Thromb*. 2021 (Accepted)
4. **Sekikawa A**, Higashiyama A, Lopresti B, Ihara M, Aizenstein H, Watanabe M, Chang Y, Kakuta C, Yu Z, Mathis C, Kokubo Y, Klunk W, Lopez O, Kuller LH, Miyamoto Y, Cui C. Associations of equol-producing status with white matter lesion and amyloid- $\beta$  deposition in cognitively normal elderly Japanese Alzheimer & Dementia Translational Research and Clinical Interventions. 2020 (Accepted)
5. Cui C, Mackey R, Shaaban E, Kuller LH, Lopez O, **Sekikawa A**. Association of body composition with incident dementia in older adults: Cardiovascular Health Study-Cognition Study. *Alzheimer's and Dementia* 2020 16;1402-1411
6. Man B, Cui C, Zhang X, Sugiyama D, Barinas-Mitchell E, **Sekikawa A**. The Effect of Soy Isoflavones on Arterial Stiffness: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *European Journal of Nutrition* 2020
7. Nakama C, Kadowaki T, Choo J, El-Saed A, Kadota A, Willcox BJ, Fujiyoshi A, Shin C, Leader JK, Miura K, Masaki K, Ueshima H, Kuller LH, Bon J, **Sekikawa A**. Cross-sectional association of bone mineral density with coronary artery calcification in an international multi-ethnic population-based cohort of men aged 40-49: ERA JUMP study. *Int J Cardiol Heart Vasc*. 2020;30:100618
8. **Sekikawa A**, Cui C, Sugiyama D, Fabio A, Harris WS, Zhang X. Effect of high-dose marine omega-3 fatty acids on atherosclerosis: A systematic review and meta-analysis of randomized clinical trials. *Nutrients* 2019;11: 2599 PMID 3167524
9. Sagawa N, Rockette-Wagner B, Azuma K, Ueshima H, Hisamatsu T, Takamiya T, El-Saed A, Miura K, Kriska A, **Sekikawa A**. Physical activity levels in American and Japanese men from the ERA-JUMP Study and associations with metabolic syndrome *J Sport Health Science* 2020, 9; 170-178
10. Mahajan H, Zaid M, Mackey R, Kadota A, Vishnu A, Fujiyoshi A, Vasudha A, Hisamatsu T, Evens R, Okamura T, Miura K, Kuller L, Ueshima H, **Sekikawa A**. Lipoprotein particles and coronary artery calcium in middle-aged US-White and Japanese men. *Open heart*. 2019;6(2):e001119-e001119R paper PMID 31921430

11. Mahajan H, Choo J, Masaki K, Fujiyoshi A, Guo J, Evans R, Shangguan S, Willcox B, Barinas-Mitchell E, Kadota A, Miura K, Kuller L, Shin C, Ueshima H, **Sekikawa A** Serum long-chain n-3 polyunsaturated fatty acids and aortic calcification in middle-aged men: The population-based cross-sectional ERA JUMP study. *Nutr. Metab. Cardiovasc Dis* 2019 8 837-46
12. Cui C, Birru R, Snitz B, Ihara M, Lopresti B, Aizenstein H, Lopez O, Mathis C, Miyamoto Y, Kuller LH, **Sekikawa A**. Effects of soy isoflavones on cognitive function: a systematic review and meta-analysis of randomized controlled trials. *Nutrition Reviews Nutr Rev* 2020; 78: 134-144 PMID 315048326
13. Satoh A, Arima H, Hozawa A, Ohkubo T, Hisamatsu T, Kadowaki S, Kadota A, Miyagawa N, Zaid M, Torii S, Okamura T, **Sekikawa A**, Miura K, Ueshima H; SESSA Research Group. *J Hypertens* 2019; 15: 183-188 PMID 3094824
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15. Cui C, **Sekikawa A**, Kuller LH, Lopez OL, Newman AB, Kuipers AL, Macheky RH. Aortic stiffness is associated with increased risk of incident dementia in older adults. *J Alzh Dis* 2018; 66: 297-306 PMID 30282361
16. **Sekikawa A**, Mahajan H, Kadowaki S, Hisamatsu T, Miyagawa N, Fujiyoshi A, Kadota A, Maegawa H, Murata K, Miura K, Edmundowicz D, Ueshima H. Association of blood levels of marine omega-3 fatty acids with coronary calcification and calcium density in Japanese men. *Eur J Clin Nutr (ACCEPTED)*
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18. Neimczyk NA, Catov JM, Desai MM, McClure CK, Roberts JM, **Sekikawa A**, Tepper PG, Barinas-Mitchell E. Brachial artery stiffening in healthy prigravidas is associated with weight gain and increased cardiac output. *Hypertens Pregnancy* 2018 37: 204-211 PMID 30257118
19. Hanley C, Shields KJ, Matthews KA, Brooks MM, Janssen I, Budoff MJ, **Sekikawa A**, Mulukutla S, El Khoudary SR. Associations of cardiovascular fat and vascular calcification in middle women: The SWAN cardiovascular fat ancillary study. *Atherosclerosis* 2018 279:114-121 PMID 30241697
20. Vishnu A, Choo J, Kadota A, Barinas-Mitchell EJM, Fujiyoshi A, Long DL, Hisamatsu T, Ahuja V, Nakamura Y, Evans RW, Miura K, Masaki KH, Shin C, Ueshima H and **Sekikawa A**. Comparison of carotid plaque burden among healthy middle-aged men living in the US, Japan, and South Korea. *Int J Cardiol.* 2018;266:245-249

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22. Mahajan H, Choo J, Masaki K, Fujiyoshi A, Guo J, Hisamatsu T, Evens RE, Shangguan S, Willcox B, Okamura T, Vishnu A, Barinas-Mitchell E, Ahuj V, Miura K, Kuller LH, Shin C, Ueshima H, **Sekikawa A**. Data on alcohol consumption and coronary artery calcification among asymptomatic middle-aged men for the ERA JUMP Study. *Data In Brief*. 2018; 17: 1091-98 PMID 29876466
23. Niemczyk NA, Bertolet M, Catove JM, Desai M, McClure CK, Roberts JM, **Sekikawa A**, Tepper PG, Barinas-Mitchell EJ. Common carotid artery intima-media thickness increase throughout the pregnancy cycle: a prospective cohort study. *BMC Pregnancy Childbirth* 2018; 31: PMID 2985290
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25. Miller RG, Anderson SJ, Costacou T, **Sekikawa A**, Orchard TJ. Hemoglobin A1c and cardiovascular disease incidence in type 1 diabetes: an application of joint modeling of longitudinal and time-to-event data in the Pittsburgh Epidemiology of Diabetes Complication (EDC) Study. *Am J Epidemiol* 2018; Epub ahead of print PMID 29394305
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27. Mahajan H, Choo J, Masaki K, Fujiyoshi A, Guo J, Hisamatsu T, Evens RE, Shangguan S, Willcox B, Okamura T, Vishnu A, Barinas-Mitchell E, Ahuj V, Miura K, Kuller LH, Shin C, Ueshima H, **Sekikawa A**. Association of alcohol consumption and aortic calcification in healthy men aged 40-49 for the ERA JUMP Study. *Atherosclerosis* 2018; 268:84-91 PMID 29195109
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31. Ahuja V, Masaki K, Vishnu A, Ye L, Wilcox B, Wassel C, Fujiyoshi A, Barinas-Mitchell EJ, Miura K, Ueshima H, Rodriguez BL, Edmundowicz D, **Sekikawa A**; ERA JUMP Study. Progression of coronary artery calcium in Japanese American men and white men in the ERA JUMP study. *Int J Cardiol.* 2017; 228:672-676 PMID 27883980
32. Guo J, **Sekikawa A**. Reply. *J Hypertens* 2017;35:1326-27 PMID 28441260
33. Guo J, Fujiyoshi A, Masaki K, Vishnu A, Kadota A, Barinas-Mitchell EJ, Hisamatsu T, Ahuja V, Takashima N, Evans RW, Willcox BJ, Miura K, Rodriguez B, Ueshima H, Kuller LH, **Sekikawa A** The role of initial and longitudinal change in blood pressure on progression of arterial stiffness among multiethnic middle-aged men. *J Hypertens* 2017;35: 111-117 PMID 27775956
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