#### **CURRICULUM VITAE**

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#### **EDUCATION AND TRAINING**

1973-77	University of Dayton Dayton, Ohio	B.S. 1977 (cum laude)	Biology Major, Psychology Minor Advisor - Dr. PK Bajpai
Graduate			
1978-80	Exercise Physiology University of Pittsburgh Pittsburgh, Pennsylvania	M.S. 1980	Exercise Physiology Advisor - Dr. RJ Robertson
1984-88	Department of Epidemiology University of Pittsburgh GSPH Pittsburgh, Pennsylvania	PhD 1988	Chronic Disease Epidemiology Advisor - Dr. RE LaPorte
Post-Graduate			
1988-91	NIH Cardiovascular Training Grant University of Pittsburgh GSPH (Location was NIDDK Phoenix, Arizona)	Post- Doctoral Trainee	Advisor - Dr. L. Kuller  Mentors: Dr. P Bennett and Dr. W Knowler; NIDDK Epidemiology

#### APPOINTMENTS AND POSITIONS

#### **Academic**

2010- Full Professor Department of Epidemiology
Current Graduate School of Public Health
University of Pittsburgh

Prevention/Lifestyle Intervention Area of Emphasis in the Dept. of Epidemiology. Lecturer for several department and university courses; mentor to graduate students, post-graduate and junior faculty interested in prevention/lifestyle epidemiology; consultant to local, national, and international research and community efforts in need of physical activity/lifestyle intervention and assessment.

Division

Faculty member of the Diabetes Prevention Support Center (DPSC) of the University of Pittsburgh Diabetes Institute. The Center was established by Epidemiology faculty who were originally part of the Diabetes Prevention Program. DPSC serves as the central training center for DPP-based, CMS-reimbursed lifestyle intervention translation efforts and provides training via workshops as well as provision of subsequent post-training support. To date, the DPSC have trained over 3500 health care professionals in a variety of settings from the community and medical settings, to the military and churches in the United States and abroad.

Collaborated on local, national, and international research studies as the NIDDK Diabetes Prevention Program (DPP-DPPOS), NIDDK STOPP-T2D TODAY trial, NIDDK LOOK AHEAD Trial, NHLBI SAVE clinical trial, NHLBI Strong Heart Study, the DPPOS accelerometry ancillary study, and more recently the DPP lifestyle intervention translation community efforts.

Secondary Faculty Appointment; University of Pittsburgh, Clinical and Translational Science Institute (CTSI) (2019-present)

Adjunct Professor; Augusta University, College of Nursing, (2015-2020).

Adjunct Professor; University of Pittsburgh, School of Education, Health and Physical Activity (1998-2018).

2000-2010 Associate Professor

Department of Epidemiology Graduate School of Public Health

University of Pittsburgh

Former physical activity consultant for several international diabetes efforts including those lead by the World Health Organization, the International Diabetes Institute in Melbourne, Australia, (Dr. Paul Zimmet, director) and at Mt. Sinai Hospital in Toronto, Canada. (Dr. Zinman, director).

Executive Director of the Physical Activity Resource Center for Public Health whose purpose was to provide physical activity assessment and intervention information and guidance to interested researchers and community members locally and across the US.

Co-Investigator/Consultant for the Center for Minority Health at the Graduate School of Public Health, Associate Core Director for the Obesity and Nutrition Research Center at the University of Pittsburgh, and Executive Director of the Physical Activity Resource Center for Public Health.

Worked on local, national, and international research studies such as the NIDDK Diabetes Prevention Program (DPP-DPPOS), NIDDK STOPP-T2D TODAY trial, NIDDK LOOK AHEAD Trial, NHLBI WOMAN clinical trial, NHLBI SAVE clinical trial, NHLBI ERA Jump, NHLBI Strong Heart Study, NIDDK Pima Indian Study, the Diabetes Prevention and Treatment Programs for Western Pa.

1991-2000

**Assistant Professor** 

Department of Epidemiology Graduate School of Public Health University of Pittsburgh

Worked on local, national, and international collaboration on research studies such as the NIDDK Diabetes Prevention Program, NHLBI Strong Heart Study, and NIDDK Pima Indian Study.

1988-91

Post-doctoral NIH Cardiovascular Trainee

(NHLBI)

Department of Epidemiology Graduate School of Public Health

University of Pittsburgh

Advisors - Dr. L Kuller, Dr. R LaPorte

Supervised the physical activity assessment portion of the NIH Pima Indian Study. Physical activity consultant for many NIH epidemiological studies including the Cardiovascular Disease in American Indians (NHLBI Strong Heart Study) and the Epidemiology of Diabetes Complications Study.

1987-88

NIH Guest Researcher

NIDDK Pima Indian Study Phoenix, Arizona

Advisors - Dr. P Bennett and Dr. W Knowler

Developed, tested, and incorporated a physical activity questionnaire into the existing data collection scheme of the Pima Indian Study.

1986-88	Pre-doctoral NIH Trainee (NHLBI)	Department of Epidemiology Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	
	Advisor – Dr. R LaPorte Supervised and brought to closure the Centers telephone surveillance of low income population		Grant involving
1984-86	Graduate Research Assistant	Department of Epidemiology Graduate School of Public Health University of Pittsburgh	
	Advisor – Dr. R LaPorte Investigated the relationship of physical activity Responsibilities included maintaining adherent the data. Developed a historical questionnaire	nce to the physical activity intervent	ion and analyzing
1983-84	Teaching Fellow	University of South Carolina Columbia, South Carolina	
	Advisors – Dr. S Blair and Dr. R LaPorte Classes taught included: Concepts in Adult Fi Electrocardiography; Exercise Physiology Lal		ectro-physiology and
1981-83	Program Coordinator for Industry	Health Education Center Pittsburgh, Pennsylvania	
	Consultant - develop/deliver/evaluate health p	promotion/risk reduction programs a	t the worksite.
1978-80	Student Intern	Cardiac Rehabilitation Program University of Pittsburgh Pittsburgh, Pennsylvania	
Non-Academi	ic		
1977-78	Section Manager	Joseph Horne Company Pittsburgh, Pennsylvania.	
	Section Manager of eight departments leading	to temporary Silver Buyer for 15 st	tores.
	MEMBERSHIP IN PROFESSIONAL	AND SCIENTIFIC SOCIETIES	
2008 -	American Epidemiologi	ical Society	Invited Member
1987 -	American Diabetes Association Member		Member
1984 -	Society for Epidemiologic Research Member		Member
1978 -	American College of Spo	orts Medicine Fellow	

# HONORS

2010-2020,	University of Pittsburgh Technology Innovator Award, Office of the Provost; for work done on Group Lifestyle Balance. Received this award every year since 2010.
2019	Invited Speaker – University of Utah Medical Center; Grand Rounds - Translating the Successful Diabetes Prevention Program's Lifestyle Intervention into the Public Health Arena. Salt Lake City, 2019

2018 Invited Symposium Chair, Moving toward a healthier, more activity community: Lessons learned from the DPP and its community translation efforts – American College of Sports Medicine Conference, 2018 – Minneapolis, MN 2017 Provost's Award for Excellence in Mentoring for outstanding mentoring of graduate students 2017 seeking a research doctorate degree, University of Pittsburgh. Invited key note speaker for American Diabetes Association 32nd Annual Clinical Conference on 2017 "Diabetes, Patient Centered Care: Taking It To a New Level!" ACSM's Board of Trustees- elected to serve a three year term (Organization-wide Election) 2016 President's Oral Presentation for American Diabetes Association, 76th Scientific Sessions. Presentation entitled: Physical Activity and Diabetes Development: The Diabetes Prevention Program Outcomes Study, Abstract chosen as 1 of 8 out of over 4000. June 2016. New Orleans, LA. 2015 Invited speaker for the Institute of Medicine's Roundtable for Obesity Solutions. Presentation entitled: Physical activity as part of DPP - based community lifestyle intervention efforts. Washington, DC. One of three Pitt investigators invited to video-tape a presentation to show the new Chancellor and all Deans (Feb. 2015) regarding innovative research at the University of Pittsburgh. Presentation was about my NIH grant; "Pitt effort seeks to combat 'sitting disease,' diabetes with \$3 million NIH grant". Invited speaker for Exercise Science & Health Think Tank, Sponsored by Cold Spring Harbor Laboratory. Presentation was entitled: Impact of the successful diabetes prevention program's lifestyle intervention; what progress has been made to translate the knowledge to the public health arena? Banbury Center, Cold Springs, NY. University of Pittsburgh School of Education's Departmental Alumni Award from the Department of Health and Physical Activity. 2013 Invited speaker for the Pennsylvania Cancer Planning Summit: Building Bridges. Presentation was entitled: Behavioral lifestyle intervention translational efforts: bridging lessons learned in diabetes prevention to global cancer strategies. Pittsburgh, PA. 2012 Invited speaker for the Finnish National Diabetes Day as organized by the Finnish Association of Diabetes Researchers and Diabetologists. Espoo, Finland. Invited to be part of a filming at the National American Diabetes Association that was made available to health care providers about the latest scientific advancement in diabetes in 2012 Invited speaker for the annual NIH Conference on the Science of Dissemination and Implementation: Research at the Crossroads. 2011 Received Official Resolution presented by the Guam Territorial Legislature (Prevention and Control of Diabetes) regarding lifestyle intervention guidance and training. 2009 Serve on Task Force on Diversity Action for national organization, American College of Sports Medicine. Spearheaded development of a national minority scholarship. (Appointed in 2005) Invited author on premiere book on Physical Activity Epidemiology, "Epidemiologic Methods in Physical Activity Studies". 2008 Elected to membership in the American Epidemiological Society. Invited to serve on American Heart Association Peer Review Study Section. 2007 The page ranks of the Pitt Supercourse lectures were evaluated (Jan, 2007) and the "Physical Activity Epidemiology" lecture developed by our group (Pettee, Richardson, Storti, and Kriska) proved to be the top ranked lecture on the web out of 9540.

2006 Invited speaker for plenary session at the National Diabetes Prevention Conference on Reducing Health Disparities in American Indians and Alaska Natives by Preventing Diabetes throughout the Life Cycle. Oklahoma City, Oklahoma. Invited speaker and faculty member for the University of Pittsburgh Schools of the Health Sciences Winter Academy. Naples, Florida. Invited faculty member for the Postgraduate Course on Research Directions and Strategies, Physical Activity and Public Health Courses (1999, 2000, 2001, 2005, 2006) sponsored by the CDC and the University of South Carolina Prevention Research Center. 2005 Chairman and presenter for the Council on Exercise as part of the American Diabetes Association's 65th Scientific Sessions. Presentation was entitled: Physical activity and diabetes prevention: How do we make it work. San Diego, California. Invited speaker at three annual EXPORT meetings involving three different minority groups: Native Hawaiians (He Huliau- a turning point eliminating health disparities in native Hawaiians and pacific peoples). Native Americans (Oklahoma Native American EXPORT Center hosted a program partnered by the Delaware Nation). US Virgin Islanders (Invited faculty/advisory board member for Caribbean EXPORT Center. From science to service: a roadmap for confronting health disparities in the Virgin Islands). Invited plenary speaker for the annual National Diabetes Education Program Partnership Network 2004 Meeting, Atlanta, Georgia. 2003 Invited member of IHS NDPS Advisory Panel on Primary Prevention of Diabetes for the Special Diabetes Program for Indians (SDPI) Competitive Grant Program. Seattle, Washington. 2002 Invited member of the WHO Physical Activity Measurement and Surveillance Workshop. Hobart,

- Australia.
- 2000 Served for three years as the Associate Editor of Epidemiology for the most noted journal in the physical activity/exercise area, Medicine and Science in Sports and Exercise.
- 1999 Invited speaker for the Experimental Biology Meetings. Symposium was entitled "Physical activity and breast cancer risk".

Invited to serve as an Associate Editor for the new edition of the American Diabetes Association Journal, "The Health Professional's Guide to Diabetes and Exercise".

- 1998 Invited author for the American College of Sports Medicine Position Stand on Physical Activity and Type 2 Diabetes Mellitus.
- 1997 Invited speaker at the 16th International Diabetes Federation Congress in Helsinki, Finland. Symposium presentation was entitled: Exercise in the Prevention of NIDDM.

Invited speaker at the PHS Office on Women's Health National Leadership Conference on Physical Activity and Women's Health". Presentation was entitled: The role of physical activity in minority populations.

Guest author for the Physical Activity and Fitness Research Digest sponsored by President's Council on Physical Fitness and Sports.

- 1996 Invited author for the Surgeon General's Report on Physical Activity and Health.
  - Invited panelist for the Expert Panel Meeting on "Assessment of Physical Activity in Minority Women". Sponsored by the CDC and Prevention Centers of South Carolina and Texas.
- 1995 Invited speaker at the NIH Consensus Development Conference on "Physical Activity and Cardiovascular Health". Presentation was entitled Effectiveness of physical activity interventions in minority populations.
- 1994 Invited panelist for the Workshop on "Weight Change over a Woman's Life: Periods of Hormonal Transition", Sponsored by NCI.

1993	Invited panelist at the Workshop on Physical Activity and Public Health - Organized by the Centers for Disease Control and American College of Sports Medicine.
	Invited panelist for the NIH Ad hoc Meeting for Community Prevention Study, Women's Health Initiative- Sponsored by NIH.
	Invited panelist for the NIH Workshop on Physical Activity and Health, as part of "Disease Prevention Research at NIH: An Agenda for All".
1988	Post-doctoral cardiovascular trainee, NIH. University of Pittsburgh, GSPH Leadership Award Recipient.
	Elected to Omicron Chapter of the Delta Omega Honor Society.
1987	Sole American chosen to attend the World Health Organization's Epidemiological Seminar in Cambridge, England.
	Consult for Pima Indian Study, 1987-current. Phoenix, Arizona.
1986	Pre-doctoral cardiovascular trainee, NIH.

## TEACHING SERVICES

# a. Courses Taught

Years Taught	Course Number: Title	Hours of Lecture, credits Average Enrollment	Role in course Primary/Coordinator
1999 -	EPID 2151 Physical Activity Epidemiology	2 credit course offered in the spring, comprised of 16 two-hour sessions. This class usually has about 8-12 students enrolled.	Primary Instructor
2009- 2019	EPID 2141 Lifestyle Intervention Training-Theory	2 credit course offered in the spring, comprised of 16 two-hour sessions. This class usually has about 6-8 students enrolled.	Primary Instructor
2009- 2019	EPID 2142 Lifestyle Intervention Training-Practicum	3 credit course offered in the summer or fall, comprised of 16 three-hour sessions. This class usually has about 2-3 students enrolled.	Co-Instructor
2008	Epidemiology Seminar Series Culture and Diversity in Epidemiological Research	1 credit course for the entire department, also open to the entire University. Over 50-100 attended.	Primary Instructor
2007-12	EPIDEM 2981 Aging-Methods	2 credit course offered in the fall, comprised of 16 two hour sessions. This class usually has 10 students.	Guest Lecturer
2003-	Physical Activity Epidemiology	2 credit course offered in the fall at Indiana University of Pennsylvania.	Guest Lecturer
1999-08	EPID 2173 Culture and Diversity in Epidemiological Research	2 credit course offered in the fall, comprised of 16 two-hour sessions. This class usually has 10-15 students.	Co-Instructor
1999-03	EPID 2550 Methodological Issues in Behavioral Lifestyle Interventions	2 credit course offered in the spring, comprised of 16 two hour sessions. This class usually had 10-15 students enrolled.	Co-Instructor
1996-97	HSADM 3004 Health Services Research	1 credit course offered in the fall.	Guest Lecturer

1995-96	Health Promotion School of Nursing	Masters level course required for nursing students. Lecture hall style.	Guest Lecturer
1995-11	Research and Experimental Design in Exercise Physiology School of Education	2 credit course offered in the spring. This class usually has 15-25 students.	Guest Lecturer
1992-97	EPID 2170 Epidemiology of Selected Chronic Diseases	2 credit course offered in the spring comprised of 16 two-hour sessions. Typically had 10-20 students.	Guest Lecturer
1991-	EPID 2150 Epidemiology of Cardiovascular Disease	2 credit course offered in the spring comprised of 16 two-hour sessions. This class usually has 10-20 students.	Guest Lecturer
1991-97	EPID 2260 Epidemiological Basis for Disease Control	2 credit course offered in the fall comprised of 16 two-hour sessions. Typically had 10-20 students.	Guest Lecturer

#### **b. Other Teaching** (lectures, tutorials and continuing education courses)

Faculty member of the Diabetes Prevention Support Center (DPSC) of the University of Pittsburgh Diabetes Institute. The Center was established by Epidemiology faculty who were originally part of the Diabetes Prevention Program. DPSC serves as the central training center for DPP-based, CMS-reimbursed lifestyle intervention translation efforts and provides training via workshops as well as provision of subsequent post-training support. To date, the DPSC have trained over 3500 health care professionals in a variety of settings from the community and medical settings, to the military and churches in the United States and abroad.

Lecture at department seminars, special workshops and conferences as requested.

Supported a Physical Activity/Epidemiology Student Group. In earlier years, this student group published a monograph that contains the latest versions of most of the popular published physical activity questionnaires used in epidemiological studies along with descriptions of their use. The production of this publication was funded by Hewlett International Small Grants Program (A. Kriska, PI). The Centers for Disease Control and Prevention covered the publication costs as well as the distributing costs, (1997). This publication is the precursor for the PARC-PH.

In the past, the Physical Activity Epidemiology program has recruited local minority undergraduate students to participate in a summer internship, for the purpose of assisting in research studies. This experience led to the hiring of several interns in research positions at the University of Pittsburgh with two interns that have successfully entered graduate programs in Epidemiology and one who achieved a PhD in Epidemiology.

Former faculty participant in the Partners in Education Consortium (PIEC), the Governors School, and served yearly as PIEC mentor to University of Pittsburgh students.

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

Currently serving as department advisor and mentor to several local and national junior faculty. To date, 15 doctoral students (Drs. Ed Gregg, Mark Pereira, Shannon FitzGerald, Jennifer Brach, Wendy King, Kelley Pettee, Kristi Storti, Marquis Hawkins, Carol Janney, Bonny Rockette-Wagner, Gerald Schafer, Karl Vanderwood, Yvonne Eaglehouse, Susan Devaraj, and Jenna Napoleone), four post-doctoral fellows/visiting professors (Marni Armstrong, Caroline Richardson, Ashley Smith and Connie Rogers), and many, many masters level students have successfully attained their respective degrees from the Department of Epidemiology while formally under my advisorship.

Name of Student	Degree, Year	Type of Document and Title
PHD		
Napoleone, J	PhD 2021	Cardiometabolic –Health Related Risk Factors and Physical Function with Aging: Targets for Lifestyle Intervention
Devaraj, S	PhD 2020	Impact of Modifiable Lifestyle Factors among Individuals at High Risk for Cardiovascular Disease due to Prediabetes, Metabolic Syndrome, or Type 1 Diabetes
Eaglehouse, Y	PhD 2015	Change in physical activity and predictors of success in a community-based lifestyle intervention to reduce risk for type 2 diabetes and cardiovascular disease. (Transl J ACSM 2016, Qual Life Res 2016, Prev Med 2015)
Vanderwood K	PhD 2014	Translation of the diabetes prevention program to the community: Evaluation of implementation issues. (Diabetes Res Clin Pract 2015)
Schafer G	PhD 2013	The participant experience in community-delivered diabetes prevention interventions: health-related quality of life and direct nonmedical expenses. (Qual Life Res 2016)
Rockette-Wagner, B	PhD 2013	Physical activity and sedentary behavior in populations with impaired glucose metabolism and type 2 diabetes mellitus. (AJPM 2016, Diabetologia 2015)
Janney C	PhD 2012	Physical activity in overweight and obese adults with schizophrenia and schizoaffective disorders. (J Clin Psychiatry 2015, Schizophr Res 2013)
Hawkins M	PhD 2010	Renal function, kidney disease and physical activity levels. (MSSE 2011)
Storti K	PhD 2007	The inter-relationship of body composition measures among post-menopausal women: The Walking Women Follow-Up Study. (Obes Res 2006)
Pettee K	PhD 2006	The role of physical activity on cardiovascular disease risk factors in post-menopausal women. (Prev Cardiol 2008, Am J Prev Med 2007, and Menopause 2007)
King W	PhD 2004	Relationship between neighborhood environment and physical activity levels in older women. (Am J Health Promotion, 2003 and Am J Prev Med 2005)
Brach J	PhD 2000	Relation between physical activity and functional status over a 17-year time period in community-dwelling older women. (Arch Intern Med, 2003)
FitzGerald S	PhD 2000	Relationship between physical fitness and physical activity and the development of type 2 diabetes mellitus.
Pereira M	PhD 1996	Ten-year follow-up of a randomized exercise trial in post-menopausal women. (Arch Intern Med, 1998)
Gregg E	PhD 1996	Bone quality and bone mass: A study of the genetic and environmental determinants among pre-menopausal women. (Osteoporosis Int, 1997 and 1999)
MPH		
Lange-Maia B	MPH 2010	Exercise pre-participation screening: an examination of methods used in lifestyle interventions.
Keddie E	MPH 2009	Obesity and asthma related quality of life among adult individuals with severe asthma.
Lawrentz E	MPH 2009	Validation of past and present global activity questions to classify physical activity from adolescence to young adulthood.
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Sward K	MPH 2008	Intensity levels of physical activity and blood pressure in U.S. adults.
Berger M	MPH 2008	Physical activity levels in adult men across three geographic locations: The ERA-JUMP Study.
Newman M	MPH 2007	Physical activity level changes by season in post-menopausal women. (Med Sci Sports Exerc, 2009)
Pintar J	MPH 2004	Tracking of physical activity, body mass index, and risk behaviors from mid to late adolescence.
Storti K	MPH 2003	Relationship among body composition measures in post-menopausal women. (Obesity 2006)
Katsiaras A	MPH 2003	Skeletal muscle fatigue, strength, and quality in the elderly: The Health ABC Study. (JAP, 2005)
Winters-Hart C	MPH 2003	Validity of a questionnaire to assess historical physical activity in older women. (Med Sci Sports Exerc, 2004)
Rogers, C	MPH 2003	Association between lifetime physical activity and IGF-1, IGFBP-3, the molar ratio of IFG-1:IGFBP-3 in older men and women.
Smith, A	MPH 2003	Physical activity and colorectal adenoma risk among older adults.
Riechman SE	MPH 2001	Association of physical activity and visceral adipose tissue in older women and men. (Obesity Research, 2002)
Boer NC	MPH 1999	Strength, weight training status, and fasting glucose in a healthy adult population.
Zmuda JM	MPH 1997	Longitudinal relation between endogenous testosterone and cardiovascular disease risk factors in middle-aged men. A 13-yr follow-up of former Multiple Risk Factor Intervention Trial participants. (Am J Epidem. 1997)
Suminski R	MPH 1996	The longitudinal associations between leisure-time physical activity and cardiovascular disease risk factors in individuals with IDDM: the Epidemiology of Diabetes Complications Study.
Yurgalevitch SM	MPH 1995	The Relation between physical activity, lipids and lipoproteins in American Indians age 45-74 years: The Strong Heart Study. (Med Sci Sports Exer, 1998)
Pereira M	MPH 1995	Physical inactivity and glucose intolerance in the multi-ethnic island of Mauritius. (Med Sci Sports Exerc, 1995)
Utter AC	MPH 1995	The association between physical activity and gallbladder disease among Pima Indians. (Presented as an abstract)
Joswiak M	MPH 1994	The relationship of physical activity, obesity, and glucose tolerance in Western Samoa. (Presented as an abstract)
Da Silva S	MPH 1994	Association between habitual physical activity and Lp (A-1) and Lp (A-1/A-II) in insulin-dependent diabetes Mellitus (IDDM) males and females. (Presented as an abstract)

# d. Service on Masters or Doctoral Committees

Date Completed	Name of Student	Degree Awarded	Title of Dissertation/Essay
2020	Mitchell- Miland, C	PhD	The Effect of Lifestyle Interventions on Health-Related Quality of Life Among Overweight/Obese Individuals

2015	Powell, R	PhD	Exploring factors that influence diabetes educator's physical activity counseling during outpatient diabetes self-management education and support.
2014	Slowik, R	PhD	Economics of community prevention efforts and sustainability of lifestyle goals for the participants.
2013	White, D	PhD	Parental influences on child weight loss: Perception, willingness to change, and barriers.
2011	Washington R	PhD	Ethnic differences in type 1 diabetes complications: a comparison of the EDC and NJ 725 cohorts.
2009	Walker R	DrPH	Food desert versus food oasis: an exploration of residents' perceptions of factors influencing food buying practices.
2008	Biksey T	PhD	Active computer game play and risk of childhood obesity.
2007	Kramer MK	DrPH	Diabetes prevention and cardiovascular risk reduction in primary care practices.
2006	Larouere B	PhD	Associations between C-reactive protein, physical activity, and other cardiovascular disease risk factors in postmenopausal women.
2002	Chambers E	PhD	The relationship between low birth weight and insulin resistance syndrome abnormalities in African Caribbean adolescents.
2002	Smith AW	PhD	Exercise as an intervention for chronically stressed individuals.
2001	Pintar J	PhD	The influence of fitness and fatness on the selection of exercise intensity while walking on a treadmill.
2001	Jones DJ	PhD	Role of physical activity on the need for revision total knee arthroplasty in individuals with osteoarthritis of the knee.
1999	Fabio T	PhD	The relationship between physical activity and renal function in a Pre-dialysis population.
1997	Orr N	PhD	Effects of a university-based employee health promotion program on cardiovascular risk profiles.
1995	Utter A	PhD	The effects of acute exercise on gallbladder function in an adult female population.
1995	Fu L	PhD	Physical function, activity and health status in community dwelling elderly: self-reported and performance based assessments.
1994	Aaron D	PhD	Reproducibility and validity of an epidemiologic questionnaire to assess past year physical activity in adolescents.
1994	Olsen T	PhD	Epidemiology of low back pain in adolescent populations.
1993	Anderson R	PhD	Relationship of physical activity and injury liability in adolescents.
Masters			
2012	Taradash J	MPH	Recruiting for a diabetes prevention program for employees: Group Lifestyle Balance (GLB) at work.
2011	Honigman J	МРН	The association of physical activity and arterial pulse wave velocity in a cohort of young, normotensive, relatively healthy, overweight adults.

2009	Kumar S	MPH	Community nutrition environments: people's perceptions of the grocery store environment in the eastern neighborhoods of Pittsburgh.
2008	Post S	МРН	A qualitative analysis of self-care management resources among caregivers of children with sickle cell disease for the development of parent advocacy toolkits.
2007	Brown N	MPH	Project HEAL: proposing a faith-based health education & lifestyle intervention for rural African Americans.

# e. Service on Comprehensive or Qualifying Examination Committees

	Student Population	Type of Exam
<b>Dates Served</b>	•	
Annually	Epidemiology Students	Qualifying Exam
Ongoing	Served on comprehensive examination committees for all PhI	O students listed above.

## f. Supervision of Post-Doctoral Students, Junior Faculty, and Fellows

Dates Supervised	Name of Student	Position of Student
2019 – present	Jacob Kariuki	Assistant Professor, School of Nursing, University of Pittsburgh
2017 – present	Sharon Ross	Assistant Professor, Department of Health and Physical Activity, University of Pittsburgh
2017 – present	Marquis Hawkins	Assistant Professor, Department of Epidemiology, GSPH, University of Pittsburgh
2016 – present	Emma Barinas-Mitchell	Assistant Professor, Department of Epidemiology, GSPH, University of Pittsburgh
2015-2017	Marni Armstrong	Assistant Scientific Director, Kidney Health – Strategic Clinical Network, Alberta Health Services

2014-present	Bonny Rockette-Wagner	Assistant Professor University of Pittsburgh Department of Epidemiology
2009-present	Lovoria B. Williams	Associate Professor University of Kentucky, Department of Nursing
2004-present	Dr. Molly Conroy	Division Chief, Division of General Internal Medicine, University of Utah
2013-2015	Maya Lambiase	VA Women's Health Fellow
	Former mentor for several junior faculty including: Dr. Kathleen McTigue, Dr. Kavitha Bhat-Schelbert, Dr. Eileen Chasens	Junior Faculty

Former mentor to junior faculty in other universities:

- Junior Faculty
- 1. Dr. Nicole Keith, Indiana University of Indiana- recently promoted to Associate Professor with tenure.
- 2. Dr. Caroline Richardson, University of Michigan.
- 3. Dr. Connie Jo Rogers, Pennsylvania State University
- 4. Dr. Ashley Smith, NCI Bethesda, MD

## g. Mentoring of Graduate Students in Field Placements

and Dr. MaryAnn Sevick.

## h. Other Teaching and Training

Dates	<b>Teaching Activity</b>	Program/Description
2012	International Opponent	Invited International Opponent at the public examination of Linda Mustelin's dissertation for the Faculty Council of the University of Helsinki's School of Medicine, Espoo, Finland.
Ongoing	Faculty Reviewer	Serve as secondary reviewer for several graduate students in BCHS and other departments.
2012	International Thesis Examiner	Served as PhD examiner for thesis of Satyamurthy Anuradha, at the School of Population Health, The University of Queensland, Australia
2010	International Thesis Examiner	Served as PhD examiner for thesis of Bich Thuy Au, at the University of Tasmania, Hobart, Australia

# 2. Research and Training

# a. Active Grants and Contracts Received

# **Principal Investigator**

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs	% Effort
1/2015- 12/2020	R18DK100933-04 Physical Activity and Sedentary Behavior Change; Impact on Lifestyle Intervention Effects for Diabetes Translation. PI: Kriska	NIDDK	497,008	20%
Co-Investigator				
07/2015- 12/2021	<b>R01 AG045252A</b> Task Specific Timing and Coordination Exercises to Improve Mobility in Older Adults.	NIH / NIA	\$409,916	3%
7/2014 - 06/2020	<b>1R01MH104574-02</b> Peer-led Healthy Lifestyle Program in Supportive Housing for People with Serious Mental Illness	NIH	93,401	5%
07/2020- 06/2025	Enhancing the Diabetes Prevention Program to promote weight loss among non-responders in a community-based lifestyle intervention. PI: Dr. Lovoria Williams Co-I: Kriska	NIDDK	613,352	10%
02/2021- 01/2022	Diabetes Prevention Program Outcomes Study (DPPOS) One year extension PI: Araneta Gorrez PI of subcontract: Kriska	NIDDK		5%
Submitted/Developi	ing grants:			
04/01/2022- 03/30/2027	Diabetes Prevention Program Outcomes Study (DPPOS) Phase 3 PI: Araneta Gorrez PI of subcontract: Kriska	NIDDK	448,986	5%
07/2022 — 06/2027	Evaluating the Impact of a Yearlong DPP-based Lifestyle Intervention Community Program in which the Primary Movement Goal is to Decrease Time Spent Sitting PIs: Rockette-Wagner and Kriska	NIDDK	500,000	20%
07/2022- 06/2027	Promotora-led, home-based healthy lifestyle intervention with Latino preschool-aged children of immigrants PI: Ross (Associate Professor and Mentee), Co-I: Kriska	NIH/NIMHD	370,000	10%

# Completed Grants (The following are key grants from previous years)

## **Principal Investigator**

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs	% Effort
03/2011 - 03/2015	<b>19802-046008</b> Type 2 Diabetes in Youth: Beta Cell Preservation.	Children's Hosp	\$14,913.00	5%
03/2010 - 02/2015	R18 DK081323-04 Diabetes Prevention Translation Project: The Healthy LIFESTYLE project.	NIDDK	\$386,346.00	20%
04/2009 - 06/2014	<b>R01 DK081345-01A1</b> An objective measure of physical activity in the DPPOS: The accelerometry ancillary study.	NIDDK	\$475,000	15%
7/2004 - 12/2010	W81XWH0420030 Physical Activity Resource Center for Public Health (PARC-PH)	US Air Force NIDDK	\$170,384	10%
06/1994 - 07/2002	<b>R01 DK43394</b> Physical Activity and NIDDM Development.	NIDDK	\$449,218	35%
8/1998 - 7/1999	<b>R01 Ag014753-02</b> Activity intervention in Women a Decade Later	NIA	\$301,930	25%
06/1991 - 07/1997	<b>R29 DK43394</b> The Role of Physical Activity and NIDDM development.	NIDDK	\$450,016	80%

# **Co-Principal Investigator**

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs	% Effort
02/2015 - 01/2016	U01 DK048412-22 Diabetes Prevention Program Followup	NIDDK	\$183,290.00	15%
04/2009 - 01/2015	U01 DK048412-21 Diabetes Prevention Program Phase 2	NIDDK	\$457,431.00	15%
8/1994 - 1/2009	U01DK04841-8412-11 Diabetes Prevention Program	NIDDK	\$620,533	20%
08/1994 - 06/2003	U01DK048412-03 Diabetes Prevention Program	NIDDK	\$1,122,522	20%

# **Co-Investigator**

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs	% Effort
04/2011 - 03/2017	<b>R01 HL107370-04</b> Real-Time Data Collection with Adaptive Sampling.	NHLBI	495,565	5%
6/2009 - 7/2014	<b>R18 DK082401</b> Lifestyle Intervention through African American Churches.	NIDDK Med College GA	\$13,729	5%
3/01/2011 - 2/28/2014	<b>U01 DK061257-08</b> Type 2 Diabetes in Youth: Beta Cell Preservation.	George Washington U	\$14,913.00	10%

8/2011- 3/2013	W81XWH0420030 Diabetes Prevention and Treatment Programs for Western PA	US Air Force NIDDK	170,384	10%
10/2009- 9/2012	IIR 07-154 Expert System-Based Feedback in Sedentary Overweight Veterans: The VA STRIDE Study	Veteran's Administration	\$12,612	5%
07/2006 - 06/2013	<b>R01 HL077525</b> Clinical Trial to Reverse Early Arterial Stiffening	NHLBI	\$498,691	5%
08/2006 - 07/2013	U01 DK057002-13 Study of Health Outcomes of Weight-Loss	NIDDK	\$762,000	5%
11/2008 - 11/2010	<b>Atkins</b> Evaluation of Group Lifestyle Balance Maintenance	Atkins	\$74,983	5%
09/2001 - -05/2009	<b>R01 HL066468</b> Reduction of Triglycerides in Women on HRT.	NIH	\$420,876	10%
05/2003 - 03/2008	<b>P30 DK046204</b> Obesity/Nutrition Research Center.	NIDDK	\$750,000	10%
09/2002 - 09/2007	<b>P60 MD000207</b> Excellence in Partnerships for Community Outreach.	NCMHD	\$161,188	10%
05/2004 - 04/2009	<b>R01 MH066068</b> A Clinical Trial of Weight Reduction in Schizophrenia.	NIMH	\$345,784	10%

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

See Page 25, Section 7, "Presentations".

#### c. Other Research and Training Activities

Position	Description of Activity
Attendee	Spoke at/attended many national and several international meetings/conferences that involves physical activity epidemiology, lifestyle intervention, type 2 diabetes, and minority health.
Consultant	Too many to list.

#### **PUBLICATIONS** 275+

Dr. Andrea Kriska has over 275 published articles. (\*) denotes publications for which a graduate student is listed as the first author and Dr. Andrea Kriska is the senior author. Published abstracts and articles are available upon request.

#### 1. Refereed Articles

- 1. **Kriska AM**, Rockette-Wagner B, Edelstein SL, Bray GA, Delahanty LM, Hoskin M, Horton E, Venditti EM, Knowler WC. The Impact of Physical Activity on the Prevention of Type 2 Diabetes; Evidence and Lessons Learned from the Diabetes Prevention Program, a Long-Standing Clinical Trial Incorporating Subjective and Objective Activity Measures. Diabetes Care Jan 2021, 44 (1) 43-49; DOI: 10.2337/dc20-1129
- 2. Rockette-Wagner, Bonny, Miller, Rachel G., Eaglehouse, Yvonne L., Arena, Vincent C., Kramer, M. Kaye, & **Kriska. Andrea M.** (2021). Leisure Sedentary Behavior Levels and Meeting Program Goals in a Community Lifestyle Intervention for Diabetes Prevention. Journal of Physical Activity and Health. Advance online publication. https://doi.org/10.1123/jpah.2020-0052.
- 3. Devaraj, S.M. (\*), **Kriska, A.M.**, Orchard T.J., Miller, R. G., Costacou, T. Cardiovascular Health in Early Adulthood Predicts the Development of Coronary Heart Disease in Individuals with Type 1 Diabetes: 25 year Follow Up from the Pittsburgh Epidemiology of Diabetes Complications Study. Diabetologia. (2021) 64:571–580. doi.org/10.1007/s00125-020-05328-9.

- 4. Napoleone JM (\*), Miller RG, Devaraj SM, Rockette-Wagner B, Arena VC, Venditti EM, Kramer K, **Kriska AM**. Impact of Maintenance Session Attendance and 6-Month Weight-Loss Goal Achievement on Weight-Loss Success in a One-Year Community Diabetes Prevention Program (DPP) Program. Science of Diabetes Self-Management and Care. In Press, 2021.
- 5. Hazuda HP, Pan Q, Florez H, Luchsinger JA, Crandall JP, Venditti EM, Golden SH, **Kriska AM**, Bray GA. Association of Intensive Lifestyle and Metformin Interventions With Frailty in the Diabetes Prevention Program Outcomes Study. J Gerontol A Biol Sci Med Sci. 2021 Apr 30;76(5):929-936. doi: 10.1093/gerona/glaa295. PMID: 33428709: PMCID: PMC8087265.
- 6. Napoleone JM (\*), Boudreau RM, Lange-Maia BS, El Khoudary SR, Ylitalo KR, **Kriska AM**, Karvonen-Gutierrez CA, Strotmeyer ES. Metabolic syndrome trajectories and objective physical performance in mid-to-early late life: The Study of Women's Health Across the Nation (SWAN). J Gerontol A Biol Sci Med Sci. In Press, 2021.
- 7. Schwartz AV, Pan Q, Aroda VR, Crandall JP, **Kriska A**, Piromalli C, Wallia A, Temprosa M, Florez H; Diabetes Prevention Program Research Group. Long-term effects of lifestyle and metformin interventions in DPP on bone density. Osteoporos Int. 2021 Jun 4. doi: 10.1007/s00198-021-05989-1. Epub ahead of print. PMID: 34086101.
- 8. Jacob K. Kariuki, Bethany B. Gibbs, Kirk I. Erickson, **Andrea Kriska**, Susan Sereika, David Ogutu, Heather Milton, La'Vette Wagner, Neel Rao, Ray Peralta, Jennifer Bobb, Adrian Bermudez, Sabina Hirshfield, Timothy Goetze, Lora E. Burke. The feasibility and acceptability of a web-based physical activity for the heart (PATH) intervention designed to reduce the risk of heart disease among inactive African Americans: Protocol for a pilot randomized controlled trial. Contemporary Clinical Trials, Volume 104, 2021. <a href="https://doi.org/10.1016/j.cct.2021.106380">https://doi.org/10.1016/j.cct.2021.106380</a>.
- 9. Devaraj SM (\*), Rockette-Wagner B, Miller RG, Arena VC, Napoleone J, Conroy MB, Kriska AM. The Impact of a Yearlong Diabetes Prevention Program-based Lifestyle Intervention on Cardiovascular Health Metrics. Journal of Primary Care and Community Health. In Press, 2021.
- 10. Rockette-Wagner B, Cheng J, Bizhanova Z, Kriska AM, Sereika SM, Kline CK, Imes CC, Kariuki JK, Mendez DD, Burke LE. Change in Objectively Measured Activity Levels Resulting from the EMPOWER Study Lifestyle Intervention. Translational Journal of the American College of Sports Medicine. In Press, June 2021.
- 11. **Andrea M. Kriska PhD**; Susan M. Devaraj PhD; Kaye Kramer DrPH; Jenna M. Napoleone PhD; Bonny Rockette-Wagner PhD; Yvonne Eaglehouse PhD; Vincent C. Arena PhD; Rachel G. Miller PhD. The Likely Underestimated Impact of Lifestyle Intervention: Examples from Diabetes Prevention Program-Based Community Efforts. (*submitted to American Journal of Preventive Medicine, 2021*).
- 12. Kramer MK; Agee S; Miller RG; Arena VC; Vanderwood KK; Meehan R; Eaglehouse YL; Venditti EM; **Kriska AM**. Translating the Diabetes Prevention Program Lifestyle Intervention to the Military Setting. (*Submitted to Military Translation, 2021*).
- 13. Susan M. Devaraj PhD (\*), MS, RD, Jenna M. Napoleone MPH, Rachel G. Miller PhD, Bonny Rockette-Wagner PhD, Vincent C. Arena PhD, Chantele Mitchell-Miland PhD, MPH, Mohammed Bu Saad MD, MPH, Andrea M. Kriska PhD, MS. The Role of Sociodemographic Factors on Goal Achievement in a Community-Based Diabetes Prevention Program Behavioral Lifestyle Intervention (Submitted to BMC Public Health, 2021).
- Sagawa, N., Rockette-Wagner, B., Azuma, K., Ueshima, H., Hisamatsu, T., Takamiya, T., El-Saed, A., Miura, K., Kriska, A., & Sekikawa, A. (2020). Physical activity levels in American and Japanese men from the ERA-JUMP Study and associations with metabolic syndrome. Journal of Sport and Health Science, 9(2), 170–178. <a href="https://doi.org/10.1016/j.jshs.2019.09.007">https://doi.org/10.1016/j.jshs.2019.09.007</a>
- 15. Schafer, G. L. (\*), Songer, T. J., Arena, V. C., Kramer, M. K., Miller, R. G., & **Kriska, A. M.** (2020). Participant food and activity costs in a translational Diabetes Prevention Program. Transl Behav Med. 2020 Apr 16:ibaa031. doi: 10.1093/tbm/ibaa031. Epub ahead of print. PMID: 32298445.
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- 18. Lo, G.H., Ikpeama, U.E., Driban, J.B., **Kriska, A.M.,** McAlindon, T.E., Petersen, N.J., Storti, K.L., Eaton, C.B., Hochberg, M.C., Jackson, R.D., Kwoh, C.K., Nevitt, M.C. and Suarez-Almazor, M.E. (2020), Evidence that Swimming May Be Protective of Knee Osteoarthritis: Data from the Osteoarthritis Initiative. Journal of Injury, Function and Rehabilitation, 12: 529-537. doi:10.1002/pmrj.12267
- 19. Lahelma M, Sadevirta S, Lallukka S, Sevastianova K, Mustelin L, Gylling H, Rockette-Wagner B, **Kriska AM**, Jarvinen HY. Effect of weighted hula-hooping compared to walking on abdominal obesity, truck muscularity and metabolic parameters A Randomized Controlled Study. Obes Facts. 2019;12(4):385-396. doi:10.1159/000500572
- 20. Nathan DM, Knowler WC, Edelstein S, Crandall JP.... Long-term Effects of Metformin on Diabetes Prevention: Identification of Subgroups That Benefited Most in the Diabetes Prevention Program and Diabetes Prevention Program Outcomes Study. Diabetes Care, 2019 Apr 42(4): 601-608. doi: 10.2337/dc18-1970. PMID: 30877090
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- 29. Bjornstad P, Nehus E, El Ghormli L, Bacha F, Libman IM, McKay S, Willi SM, Laffel L, Arslanian S, Nadeau KH, TODAY Study Group. Insulin sensitivity and diabetic kidney disease in children and adolescents with Type 2 Diabetes: An observational analysis of data from the TODAY clinical trial. Am J Kidney Dis 2018 Jan;71(1):65-74. PMID: 29157731 PMCID: PMC5744896

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#### 2. Books and Book Chapters

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## 3. Published Proceedings

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#### 4. Invited Articles

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#### 5. Review Articles

- 1. **Kriska AM**, Hawkins MH, and Richardson CR. Physical activity and the prevention of type II diabetes. Invited Commentary. Current Sports Medicine Reports 2008;7:1:182-184.
- 2. Brach JS, **Kriska AM**, Glynn NW, Newman AB. Physical Activity and the Older Adult: Measurement, Benefits and Risks. Current Cardiovascular Risk Reports, 2008; Vol 2, No 4:305-310.
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- 9. Caspersen CJ, **Kriska AM**, Dearwater SR. Physical activity epidemiology as applied to elderly populations. Clin Rheumatol. Balliere's Tindall Publishing 1994;8:7-27.
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- 14. Matsushima M, **Kriska A**, Tajima N, LaPorte R. The epidemiology of physical activity and childhood obesity. Diabetes Research and Clinical Practice 1990; Suppl 1:S95-102.

#### 6. Published Abstracts

Too many to list.

#### 7. Presentations

#### **Date** Title of Presentation

- 2019 Invited Speaker University of Utah Medical Center; Grand Rounds *Translating the Successful Diabetes Prevention Program's Lifestyle Intervention into the Public Health Arena*. Salt Lake City, April 2019,
- 2018 Invited panelist Sedentary Behavior Interventions Seminar, University of Minnesota, Minneapolis, 2018, Minneapolis, MN
  - Invited Symposium Chair Moving toward a healthier, more active community: Lessons learned from the DPP and its community translation efforts American College of Sports Medicine Conference 2018
  - Invited Speaker Taking it to the streets: Successful improvements in physical activity and health in a large DPP Lifestyle Translation Efforts across diverse settings American College of Sports Medicine Conference
- Invited key note speaker for American Diabetes Association 32nd Annual Clinical Conference on Diabetes, Patient Centered Care: Taking It To a New Level! Co-presenter with Dr. Bonny Rockette-Wagner. Presentations were entitled: Translating what We Know About Inactivity and Sedentary Behavior into Clinical Practice and "Is Sitting the New Smoking? Warning: This Chair May Be Hazardous to Your Health". May 2017 Orlando, FL

Invited Speaker for CCAC North in conjunction with Passavant Hospital Foundation. Presentation was entitled: *Moving Towards a Healthier Community: Lessons Learned from Clinical and Community Diabetes Prevention Efforts in Adults*. Pittsburgh, PA

Invited speaker for ORCHSE Corporate Health Directors Network. Presentation was entitled: *Effectiveness of a Worksite Behavioral Lifestyle Intervention to Decrease Risk for Type 2 Diabetes and Cardiovascular Disease.* Washington, D.C.

President's Oral Presentation for American Diabetes Association, 76th Scientific Sessions. Presentation entitled: *Physical Activity and Diabetes Development: The Diabetes Prevention Program Outcomes Study*. Abstract chosen as 1 of 8 out of over 4000. June 2016. New Orleans, LA.

Invited speaker for the Institute of Medicine's Roundtable for Obesity Solutions. Presentation entitled: *Physical activity as part of DPP - Based community lifestyle intervention efforts.* Washington, DC.

One of three Pitt investigators invited to video-tape a presentation to show the new Chancellor and all Deans (Feb. 2015) regarding innovative research at the University of Pittsburgh. Presentation was about my NIH grant; "Pitt effort seeks to combat 'sitting disease,' diabetes with \$3 million NIH grant".

Invited speaker at the "Lunch-Hour program helps employees lose weight, get active" sponsored by the University of Pittsburgh, May 26, 2015, Pittsburgh, PA

Invited speaker for Exercise Science & Health Think Tank, Sponsored by Cold Spring Harbor Laboratory. Presentation was entitled: *Impact of the successful Diabetes Prevention Program's Lifestyle Intervention; What progress has been made to translate the knowledge to the public health arena?* Banbury Center, Cold Springs, NY.

Invited speaker for American Association of Diabetes Educators 2015. Presentation entitled: *Physical activity and inactivity in individual with pre-diabetes*. New Orleans, LA.

Invited speaker for the Pennsylvania State University Noll Seminar Series. Presentation entitled: *Lifestyle Intervention for Diabetes Prevention in Diverse Community Settings*. State College, PA.

Presented at 75<sup>th</sup> Scientific Sessions of the American Diabetes Association. Effectiveness of the DPP Group Lifestyle Balance Program in a Military Setting. Boston, MA.

Presented at 74<sup>th</sup> Scientific Sessions of the American Diabetes Association. *Objective physical activity levels across Diabetes Prevention Program (DPP) randomized arms over a decade later.* San Francisco, CA.

Presented at 74<sup>th</sup> Scientific Sessions of the American Diabetes Association. *How effective are Diabetes Prevention Translation efforts in high risk adults?* San Francisco, CA.

Presented at the American College of Sports Medicine Annual Meeting. *Evaluation of a flexibly-delivered lifestyle program designed to prevent diabetes and provided via DVD.* Orlando, FL

Invited Speaker for Wright-Patterson Air Force Base. Lifestyle intervention for diabetes prevention in various community settings; The role of physical activity. Dayton, OH

Invited Speaker for the West Virginia Diabetes Symposium. Presentation was entitled: *Lifestyle intervention for diabetes prevention in various community settings: the role of physical activity.* Morgantown, WV

Invited speaker for the Pennsylvania Cancer Planning Summit: Building Bridges. Presentation was entitled: Behavioral lifestyle intervention translational efforts: Bridging lessons learned in diabetes prevention to global cancer strategies. Pittsburgh, Pennsylvania.

Invited speaker for the Geriatric Research Education and Clinical Center, VA Pittsburgh Healthcare System. Presentation was entitled: *Lifestyle intervention for diabetes in community settings: implications for older adults.* Pittsburgh, Pennsylvania.

Invited speaker for the Institute for Public Health at the University of Calgary School of Medicine. Presentation was entitled: *Lifestyle intervention for diabetes prevention in community settings*. Alberta, Canada.

Invited speaker for the Finnish National Diabetes Day as organized by the Finnish Association of Diabetes Researchers and Diabetologists. Presentation was entitled: *Lifestyle intervention for diabetes prevention in various community settings; the role of physical activity.* Espoo, Finland.

Invited speaker for the Symposium entitled "Diabetes Dissemination and Implementation Research" as part of the Annual NIH Conference on the Science of Dissemination and Implementation: Research at the Crossroads. Presentation was entitled: *Getting the word out; translation of diabetes presentation efforts into community settings*. Bethesda, Maryland.

Invited speaker for the Mercer Corporate Health Directors Network Meeting co-sponsored by the John Hopkins Education and Research Center for Occupational Safety and Health. Presentation was entitled, Healthy lifestyle research intervention for adults at risk for diabetes and cardiovascular disease: A partnership between worksite and university. Washington, D.C.

Invited speaker for the Symposium entitled "Pre-diabetes Detection and Intervention" supported by the Canadian Diabetes Association. Presentation was entitled: *Physical activity and the prevention of diabetes: Applying what we have learned in clinical trials to translation effort.* 3<sup>rd</sup> International Congress on Physical Activity and Public Health. Toronto, Canada.

- Invited speaker for the Symposium entitled "Physical Activity and Diabetes in Older Adults: Epidemiologic and Public Health Issues" as part of the American College of Sports Medicine Annual Meeting. Presentation was entitled: *Physical activity and prospects for primary prevention of diabetes among high-risk older adults*. Baltimore, Maryland.
- Subjective and objective assessment of physical activity levels across subgroups in a national data set:

  Differences in results and possible explanations behind these differences. 83<sup>rd</sup> Annual American Epidemiological Society. Baltimore, Maryland.

Physical activity and the prevention of diabetes in those who need it most. Invited speaker for the 4<sup>th</sup> Annual Texas Conference on Health Disparities: Targeting Health Disparities Through Prevention. Fort Worth, Texas.

2009 Translation efforts: Applying what we have learned in clinical trials to the community setting. Invited speaker for the Symposium entitled "Diabetes: Prevention and Consequences" as part of the Health Science Research Program held by the Scranton Temple Residency Program. Scranton, Pennsylvania.

How much physical activity is enough? The public health perspective. Invited speaker for the Epidemiology Research Unit of the Tropical Medicine Research Institute. Kingston, Jamaica.

- Invited speaker for the Symposium entitled "Type 2 Diabetes -The Importance of Physical Activity" as part of the American Diabetes Association's 67<sup>th</sup> Scientific Sessions. Presentation was entitled: *Can a physically active lifestyle prevent type 2 diabetes*. Chicago, Illinois.
- 2007 Symposium organizer and speaker for Current Issues Session entitled "Guidelines for Participant Safety in Physical Activity Intervention Efforts" at American College of Sports Medicine Annual Meeting. Presentation was entitled: *Examples of limitations to screening guidelines*. New Orleans, Louisiana.

Invited speaker for the Symposium entitled "Effective Physical Activity Interventions: Lessons Learned from Multi-Center Clinical Trials" as part of the American College of Sports Medicine Annual Meeting. Presentation was entitled: *Physical activity and diabetes prevention: Lessons learned from the Diabetes Prevention Program.* New Orleans, Louisiana.

Invited speaker for plenary session at the National Diabetes Prevention Conference on Reducing Health Disparities in American Indians and Alaska Natives by Preventing Diabetes Throughout the Life Cycle. Oklahoma City, Oklahoma.

Invited speaker and faculty member for the University of Pittsburgh Schools of the Health Sciences Winter Academy. Presentation was part of a session entitled "Diabetes Prevention and Treatment". Naples, Florida.

Invited faculty member for the Postgraduate Course on Research Directions and Strategies, Physical Activity and Public Health Courses (1999, 2000, 2001, 2005, 2006) sponsored by the CDC and the University of South Carolina Prevention Research Center.

Invited speaker and faculty member for the 53<sup>rd</sup> Annual Advanced Postgraduate Course sponsored by the American Diabetes Association. Presentation was entitled: *Physical activity and diabetes prevention- How can we make it work?* San Francisco, California.

Invited faculty for the 2006 EXPORT Center Summer Research Career Development Institute in Minority Health and Health Disparities. Pittsburgh, Pennsylvania.

Invited speaker for the Southwest District Health's Annual Diabetes Treatment Update. Presentation was entitled: *Does physical activity play an important role in diabetes prevention and control. Steps towards a healthier you.* Meridian, Idaho.

Chairman and presenter for the Council on Exercise at American Diabetes Association's 65<sup>th</sup> Scientific Sessions. Presentation was entitled: *Physical activity and diabetes prevention*. San Diego, California.

Invited speaker at the Annual EXPORT Meeting Sponsored by the Hawaii EXPORT Center. Meeting was called, He Huliau - A Turning Point Eliminating Health Disparities in Native Hawaiians and Pacific Peoples. Oahu, Hawaii.

Invited speaker for the Oklahoma Native American EXPORT Center hosted by the Delaware Tribe. Anadarko, Oklahoma.

Invited faculty and presenter for the 2005 Caribbean EXPORT Center Institute and Advisory Board Meeting. Institute was called, "From Science to Service: A Roadmap for Confronting Health Disparities in the US Virgin Islands". Presentation was entitled: *Physical activity and the prevention of Type 2 Diabetes*. St. Thomas, US Virgin Islands.

Invited faculty and presenter for the 2005 Pittsburgh Mind-Body Center Summer Institute. Presentation was entitled: *Physical activity intervention in youth*. Pittsburgh, Pennsylvania.

Invited faculty and presenter for the 2005 EXPORT Centers Summer Research Career Development Institute in Minority Health Disparities. Presentation was entitled: *Key elements of a good research proposal*. Pittsburgh, Pennsylvania.

Invited Plenary Speaker for the National Diabetes Education Program (NDEP) Partnership Network Annual Meeting. Talk was entitled: *Successful strategies in physical activity intervention*. Atlanta, Georgia.

Invited chairman and speaker for the Exercise and Asthma session of the PA Department of Health sponsored Asthma Summit. Talk was entitled: *Increasing physical activity levels in sedentary individuals*. Graduate School of Public Health, Pittsburgh, Pennsylvania.

Invited speaker for the Featured Symposium on Lifestyle Interventions to Prevent type 2 Diabetes: Current Evidence and Future Directions. Talk was entitled: *Can a physically active lifestyle prevent T2D in at risk adults*. Presented at the American College of Sports Medicine National Meeting. Indianapolis, Indiana.

Invited speaker for the South East Regional American College of Sports Medicine Annual Meeting. Talk was entitled: *Physical activity intervention for Type II diabetes prevention*. Atlanta, Georgia.

Invited Speaker for the Symposium on Diabetes in Action. Talk was entitled: *Diabetes prevention through activity*. Diabetes Exercise and Sports Association National Meeting. Chicago, Illinois.

Invited speaker for the Diabetes Management 2003: Strategies in Overcoming the Barriers sponsored by the University of Pittsburgh Diabetes Institute, University of Pittsburgh School of Nursing, and University of Pittsburgh Medical Center. Talk was entitled: *Diabetes Prevention Project*. Pittsburgh, PA

Invited Member of IHS NDPS Advisory Panel on Primary Prevention of Diabetes for the Special Diabetes Program for Indians (SDPI) Competitive Grant Program. Seattle, Washington.

Invited Speaker for Annual Diabetes Update. Healthy Lifestyles, Stepping up to the Challenge. Talk was entitled: *Lifestyle management*. Presented at the Lions Diabetes Treatment and Education Center of UPMC McKeesport Annual Meeting. McKeesport, PA.

Invited Speaker for the Department of Epidemiology Seminar. Talk entitled *The Relationship Between the Neighborhood Environment and Walking Levels in Older Women*. Presented at the Graduate School of Public Health, University of Pittsburgh; 2003; Pittsburgh, PA.

Invited participant for workshop entitled: Physical Activity Measurement and Surveillance - A WHO Workshop in the Western Pacific Region. Sponsored by the WHO. Hobart, Australia.

Invited speaker for the Symposium on Prevention of Diabetes: Lifestyle Intervention. Talk was entitled: *Changing physical activity behavior*. Presented at the American Diabetes Association 62<sup>nd</sup> Scientific Sessions. San Francisco, California.

Invited speaker for the AADE Annual Meeting. Talk was entitled: *Implementing successful physical activity programs: Lessons from the DPP and beyond*. Presented at the American Association of Diabetes Educators Annual Meeting. Philadelphia, Pennsylvania.

Invited speaker for a series of presentations on physical activity to a variety of audiences including federal/provincial aboriginal health staff, university faculty/staff, general public, decision makers from health and education, and public health staff and girls club leaders. Hosted by NS Sport and Recreation Commission. Halifax, Nova Scotia.

- 2001 Physical activity in the prevention of Type 2 Diabetes: The epidemiological evidence across ethnicity and race. Invited presentation for the Research Symposium on the Impact of Ethnicity and Race on Diabetes sponsored by the American Diabetes Association. California.
- Invited moderator for the Physical Activity and Cancer Conference sponsored by the Cooper Institute, the NIH, the CDC, and the American Cancer Society. Dallas, Texas.

Invited moderator for the Community Prevention Research in Women's Health Conference sponsored by NIH and CDC. Washington D.C.

Ethnic and cultural issues in assessing physical activity. Invited presentation for the Measurement of Physical Activity Conference sponsored by Cooper Institute. Dallas, Texas.

1999 *Physical activity and breast cancer risk*. Symposium presented at the Experimental Biology Meetings (ASNS). Washington D.C.

Epidemiology in exercise science: From the field to the laboratory and back. Symposium presented at the American College of Sports Medicine National Meeting. Orlando, Florida.

- 1998 Exercise in the prevention of NIDDM. Presented at the 16<sup>th</sup> International Diabetes Federation Congress. Helsinki, Finland.
- Types of physical activity measured. Presented at the Workshop on Physical Activity and Breast Cancer. Sponsored by the National Action Plan on Breast Cancer, American Cancer Society, Susan Komen Breast Cancer Foundation, and Office of Women's Health. Albuquerque, New Mexico.

The role of physical activity in minority populations. Presented at the National Leadership Conference on Physical Activity and Women's Health, sponsored by Office on Women's Health. Washington D.C.

Can a physically active lifestyle prevent diabetes? Current findings from around the world. Presented at the American College of Sports Medicine National Meeting. Denver, Colorado.

*Physical inactivity: A modifiable risk factor for NIDDM.* Presented at "New Developments in the Pathogenesis and Treatment of NIDDM." American Diabetes Association. Tucson, Arizona.

1996 Exercise: How much is enough? Presented at the session entitled "Cardiovascular Disease Prevention Strategies in Women." sponsored by the Council on Epidemiology and Prevention. American Heart Association's 69th Scientific Sessions. New Orleans, Louisiana.

"Highlights of the NIH Consensus Development Conference on Physical Activity and Cardiovascular Health". Session Chairperson. ACSM National Meeting. Cincinnati, Ohio.

Prevention strategies of NIDDM: North-American models and physical activity. 14th Annual Scientific Meeting of the Association of Quebec Endocrinologists. Quebec City, Canada.

Studies of physical activity and diabetes in diverse cultures. International Diabetic Athletes Association 7th International Conference. Phoenix, Arizona.

*Physical activity and diabetes*. Presented at Diabetes Lifestyle and Behavioral Aspects of Treatment. Alaska Native Medical Center Diabetes Program and IHS. Anchorage, Alaska.

Effectiveness of physical activity interventions in minority populations. Invited presentation for NIH Consensus Development Conference on Physical Activity and Cardiovascular Health. Washington DC.

National recommendations for increasing physical activity and how that applies to your community. Invited presentation for Diabetes: New Opportunities for Prevention and Treatment in American Indian Nations and Other Southwest Cultures." ADA. Arizona.

Physical activity and diabetes. American Academy of Kinesiology and Physical Education. Tucson, Arizona.

1994 Association of physical activity and plasma insulin levels in a population at high risk for NIDDM. ACSM National Meeting. Indiana.

Role of physical activity in diabetes prevention. American Diabetes Association. Scottsdale, Arizona.

Encouraging exercise in minority populations with a focus on Native- Americans. 41st Annual Advanced Postgraduate Course; Strategies for Implementing Tight Control. Boston, Massachusetts.

*Physical activity in the development of diabetes in women.* Symposium. American College of Sports Medicine National Meeting. Seattle, Washington.

- Association of physical activity, obesity, fat distribution and glucose tolerance in Pima Indians. American College of Sports Medicine National Meeting. Texas.
- The clinical utility of exercise toward the 21rst century: Exercise compliance. 3rd International Conference on Physical Activity, Aging and Sports. Jyväskylä, Finland.

Associations between physical activity, glucose concentration, and body mass index in the Pima Indians. 14th International Diabetes Congress. Washington, DC.

- Examination of the relationship between physical activity and development of NIDDM: An epidemiologic approach. Council on Exercise, ADA Annual Meeting. Atlanta, Georgia.
- 1990 *Physical inactivity, IDDM complications and death.* American Diabetes Association Annual Meeting. Detroit, Michigan.
- 1989 *The epidemiology of physical activity and diabetes*. Symposium. American College of Sports Medicine National Meeting. Texas.
- The association between historical physical activity and adult bone measurements. Society for Epidemiologic Research National Meeting. Pittsburgh, Pennsylvania.
- Maintenance & validation of physical activity in an ongoing clinical trial. American College of Sports Medicine National Meeting. Tennessee.
- 1985 Descriptive analysis of two exercise compliance groups in a randomized clinical trial. 2nd International Conference on Physical Activity, Aging and Sports. West Point, New York.

A randomized exercise trial in older women: increased activity over two years & the factors associated with compliance. SER National Meeting. Chapel Hill, North Carolina.

Current exercise beliefs and habits in South Carolina: Implications for exercise programs. American College of Sports Medicine. Georgia.

1984 *Your health is your business*. Keynote Speaker at Western Pennsylvania Safety Council Annual Meeting. Pittsburgh, Pennsylvania.

- Making healthy choices; Do it for your health and yourself. PA Association Hospital Auxiliaries Annual Meeting. Pennsylvania.
  - *Health in industry*. Union Counselor Training Program. Sponsored by the Allegheny County Labor Council. Pennsylvania.
- Health in industry. Union Counselor Training Program. Sponsored by the Allegheny County Labor Council. Pennsylvania.

#### 8. Non-Print Media

Physical Activity Resource Center for Public Health Website (PARC-PHPH). http://www.parcph.org/

The page ranks of the Pitt Supercourse lectures were evaluated (2007) and the "Physical Activity Epidemiology" lecture developed by our group proved to be the top ranked lecture on the web out of 9540 lectures.

#### 3. Service (Professionally Related)

#### a. University/Institute of Higher Learning

	Committee	Position
Present	GSPH Faculty Diversity Committee	Member
	GSPH Social Justice Action Committee (SJAC) And SJAC Pipeline Committee (Co-Chair)	Member Member
	Department EPEAR (Epidemiologists Promoting Equity & Anti-Racism)	Member
	Department and University Ad Hoc Search Committees	Member
	Elected University Senate Community Relations Committee Member Emeritus	Member
	MSc. Epidemiology Programme, The University of the West Indies, Mona, Kingston, Jamaica	External Examiner
	Serve as DSMB committee member for the IMPACT Study (Initiate and Maintain Physical Activity in Clinics in California) 2014 - present	Member
	Director of the Prevention, Lifestyle Intervention and Physical Activity Area of Emphasis in Epidemiology	Faculty Leader
	Invited faculty member of Research Advisory Panel on Race and Health for the University Center on Race and Social Problems	Member
Past	Organized the Department of Epidemiology Seminar Series Served as technical advisor for Behavioral Health Programs for Diabetes Mellitus for the Agency for Healthcare Research and Quality's (AHRQ) Effective Health Care (EHC) Program	Co-Chair Technical Advisor
	Former member of the Center for Minority Health and the Health Disparities Heart and Diabetes Working Group since 2004	Member
	Former member of the COPC Partners	Member
	Formerly served as Chairman of the Preliminary Qualifying Examinations for the Department of Epidemiology for six years	Chairman
	Former member of the GSPH Educational Policy and Curriculum Committee	Member

Committee	Position
Former member of the Center for Minority Health Faculty Research Committee and the GSPH Recruiting and Scheduling Committee	Member
Former elected member of the University Senate Community Relations Committee, the University Senate, and the Faculty Assembly	Member

## b. Editorial Boards, Editorships

Date	Position	Organization
2008- 2013	Associate Editor	Invited to serve as Associate Editor for <i>Exercise and Sport Sciences Reviews</i> (ESSR), the official review publication of the American College of Sports Medicine
2000- 2004	Associate Editor	Former Associate Editor of Epidemiology for the most noted journal in the physical activity/exercise area; <i>Medicine and Science in Sports and Exercise</i>
1999- 2002	Associate Editor	Former Associate Editor for the new edition of the American Diabetes Association journal, "The Health Professional's Guide to Diabetes and Exercise"

## c. Manuscript and Other Document/Publication Review

1998- Manuscript reviewer for over 40 epidemiology, diabetes, and physical activity journals.

## d. Study Sections, Review Panels, and Related Advisory Boards

Date	Organization and Nature of Activity	
2017- 2020	Elected to the American College of Sports Medicine Board of Trustees (Organization-wide Election)	Board member
2017	Invited member of Diversity Summit at Penn State University organized for the purpose of increasing diversity among students and faculty	Advisory Board
2015- Present	Ad hoc member of a variety of NIH Study Sections, including Community Level Health Promotions Study Section; NIDDK's Pragmatic Research and Natural Experiments; NIH Minority Grant Panel; NIH Special Emphasis Panels	Study Section
2015	Invited peer reviewer for the Agency for Healthcare Research and Quality (AHRQ) Effective Health Care (EHC) Program	Review Panel
2007	Invited contributor for the 2007 Report to Congress on Indian Health Service Special Diabetes Program for Indians – On the path to a healthier future	Project Contributor
2005- Present	Serve on Task Force on Diversity Action for a national organization, American College of Sports Medicine	Advisory Board
1991- Present	University of Pittsburgh (WPIC, Obesity/Nutrition Research Center) as well as nationally (ACSM Research Review Committee, AHA Study Section)	Review Panel
2002- 2014	Permanent member of NIH Study Section for the Prevention and Control of Diabetes	Study Section
2003	Invited outside reviewer for 10 Year Evaluation of the Graduate Program at University of Madison, Wisconsin	Review Panel
	Invited Member of IHS NDPS Advisory Panel on Primary Prevention of Diabetes for the Special Diabetes Program for Indians (SDPI) Competitive Grant Program	Advisory Board
2001- 1999	NIH Special Review Committee for the Demonstration and Education Research Grant	Study Section
1998- 1995	Invited member of the ACSM Program Committee	Review Panel

1997	Invited panelist for the Workshop on Physical Activity and Breast Cancer. Sponsored by the National Action Plan on Breast Cancer, the American Cancer Society, the Susan G. Komen Breast Cancer Foundation, and the Office of Women's Health	Review Panel
1996	Invited panelist for the Expert Panel Meeting on "Assessment of Physical Activity in Minority Women." Sponsored by the CDC and the CDC Prevention Centers of South Carolina and Texas	Review Panel
1995	Invited panelist for NIH Consensus Development Conference on "Physical Activity and Cardiovascular Health". Presentation was "Effectiveness of Physical Activity Interventions in Minority Populations"	Review Panel
1994	Invited panelist for the Workshop on "Weight Change over a Woman's Life: Periods of Hormonal Transition"- Sponsored by NCI	Review Panel
1993	Invited panelist at the Workshop on Physical Activity and Public Health - Organized by the Centers for Disease Control and American College of Sports Medicine	Review Panel
1993	Invited panelist for the Ad Hoc Meeting for Community Prevention Study, Women's Health Initiative - Sponsored by NIH.	Review Panel
1993	Invited panelist for the NIH Workshop on Physical Activity and Health, part of "Disease Prevention Research at NIH: An Agenda for All"	Review Panel

# e. Leadership in Professional Organizations, Honorary Societies and Governmental and Other Public Organizations

Position	Organization
Elected Member	ACSM's Board of Trustees –elected to serve a three year term (Organization-wide Election; 2017-2020)
Invited Member	Diversity Task Force - serve as an invited member of the ACSM Diversity Task Force and chaired the development of the ACSM Minority Scholarship (Brochure available upon request, 2005-present)

#### f. Consultantships: Too many to list

#### 4. Service

#### a. Service to Community-Based Organizations

Member of the University's Community Relations Committee involved with local community organizations and very involved on many diversity committees GSPH -wide and within the Department of Epidemiology.

Trained over 3500 Healthcare Professionals around the world on DPP-based GLB prevention materials (CDC-Recognized and CMS Reimbursable) in multiple workshops sponsored by the DPSC over the past decade as a community service to the cause of prevention/lifestyle intervention. Currently there over 150 known programs involving GLB in various stages of progress around the world. In 2019, we developed a professional video version of the GLB training to extend our reach.

Other than the GLB training, I spend most of my current "service" mentoring junior and minority faculty at the University and around the country. Most of the individuals that I mentor outside of the University are faculty who I get to know through my professional membership to the American College of Sports Medicine.

In the past, my team and I would volunteer for a variety of organizations and help where we could. Such activities included the phone bank (Pittsburgh Diabetes Institute hosting KDKA-TV "Ask the Experts"), YMCA (speaker for opening night), Wood Street Commons, ADA, Working Hearts (Jewish Healthcare Foundation); Center for Minority Health and the Health Disparities Heart/Diabetes Working Group, and the Carnegie Science Center "Tour Your Future" Girls Math and Science Program.

<b>b. Other Related Service and Volunteer Activities:</b> Former volunteer consultant for the Oklahoma EXPORT Center, guiding the center in activity intervention