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CURRICULUM VITAE

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CITIZENSHIP: USA

BUSINESS ADDRESS: Department of Human Genetics
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EDUCATION AND TRAINING

Undergraduate

University of Punjab Forman Christian College Lahore, Pakistan	B.Sc., 1976	MAJORS: Biology

Graduate

University of Punjab Government College, Department of Zoology, Lahore, Pakistan	M.Sc., 1979	MAJORS: Human & Population Genetics

Post Graduate

The Australian National University, John Curtin School of Medical Research, Department of Human Biology Canberra, Australia	Ph.D., 1984	Human Genetics Advisor: Dr. R. L. Kirk

APPOINTMENTS AND POSITIONS

Academic

October 2008- October 2013	Department of Human Genetics University of Pittsburgh	Chairman
January 2005- October 2008	Department of Human Genetics University of Pittsburgh	Interim Chair
July 2004- December 2004	Department of Human Genetics University of Pittsburgh	Vice Chair
July 2010- Present	Department of Epidemiology University of Pittsburgh	Professor (Secondary Appointment)
July 1998- Present	Department of Psychiatry University of Pittsburgh	Professor (Secondary Appointment)
January 1997- Present	Department of Human Genetics University of Pittsburgh	Professor (Tenured)
July 1991- December 1996	Department of Human Genetics University of Pittsburgh	Associate Professor (Tenured in 1993)
1993-Present	Pittsburgh Cancer Institute	Member
February 1987- June 1991	Human Genetics Division University of Pittsburgh	Assistant Professor
April 1985- January 1987	Department of Biostatistics Human Genetics Division University of Pittsburgh	Research Associate
December 1984- March 1985	Institute of Experimental Medicine Lahore, Pakistan	Senior Research Officer
1984	Department of Human Biology John Curtin School of Medical Research Australian National University Canberra, Australia	Research Assistant
1980 -1981	Government Imamia Degree College Sahiwal, Pakistan	Lecturer
1979 -1980	Department of Zoology Government College Lahore, Pakistan	Demonstrator

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Years Inclusive	Organization
1981-1984	Human Genetics Society of Australasia
1985-present	American Society of Human Genetics
1987-present	American Association of Physical Anthropologists
1990-1993	International Electrophoresis Society
1990-present	American Association for the Advancement of Science
1990-present	American Heart Association • Fellow-Arteriosclerosis, Thrombosis and Vascular Biology Council • Fellow-Epidemiology Council
1990-present	International Atherosclerosis Society
1991-1992	The New York Academy of Sciences
1999-present	International Genetic Epidemiology Society
1999-present	American College of Rheumatology
2015-present	Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)

HONORS

Year	Title of Award	Awarding Association
1976-1978	Academic Merit Scholarship on the basis of B.Sc. examination results	University of the Punjab
1977	Merit Scholarship	Fauji Foundation
1979	First position with distinction in M.Sc. examination	Government College, Lahore
1979	Roll of Honor in M.Sc.	Government College, Lahore
1980	First position by merit in the selection of Lectureship	Punjab Public Service Commission, Lahore
1981-1984	Ph.D. Merit Scholarship	The Australian National University
1981-1983	Ahmadia Open Merit Scholarship	Ahmadia Education Foundation
1985	Selected for INSERM Fellowship, France	INSERM

1994-present	Who's Who in the East	Marquis
1994-present	American Men and Women of Science	R.R. Bowker
2000-present	Who's Who in America	Marquis Who's Who
2000	Delta Omega Omicron, Public Health National Honor Society	Delta Omega National Honor Society for Schools of Public Health by the Omicron Chapter of Delta Omega, Graduate School of Public Health, University of Pittsburgh
2001- present	Fellow of the American Heart Association	American Heart Association
2003 – present	Who's Who in the World	Marquis Who's Who
2003	Excellence in Science Award	Muslim Physician Society of Greater Pittsburgh

PROFESSIONAL ACTIVITIES

1. Teaching

a. Courses Taught

Number	Title	Hours of Lecture	Enrollment	Credits
HUGEN 2025	1991-1993: "Human Genetics Seminar"	1	~ 50	1
HUGEN 2017	1991-2000: "Human Genetics" (Co-Instructor)	3	7 – 26	3
EPIDEM 2600	1994: "Molecular Epidemiology" (Guest Lecturer)	3	20	3
HUGEN 2034	2001-2019: "Biochemical and Molecular Genetics of Complex Diseases" (Co-Instructor; Instructor from 2005)	3	20 – 30	3
HUGEN 2090	2020-2021: "Genetics of Complex Disease I" (Instructor)	3	30-52	2
HUGEN 2091	2022-Present: "Genetics of Complex Disease II" (Instructor)	3	52	1

b. Other Teaching

Type of Teaching	Title	Date(s)
Demonstrator	Teaching practical and experimental	1979-1980

Department of Zoology Government College Lahore, Pakistan	aspects in biological sciences.	
Lecturer Government Imamia Degree College Sahiwal, Pakistan	Teaching various courses in biological sciences, including Biochemistry, Genetics, Evolution, Paleontology, Embryology, Ecology.	1980-1981
Teaching Advanced Topics in:	Human Genetics (Bios 224), Human Genetics Seminars (Bios 225), Guest lecturer in Human Biochemical and Molecular Genetics (Bios 234); helping graduate students in designing experiments and evaluating results of their research projects.	1985-1990

c. Supervision of Graduate Student Essays, Theses, and/or Dissertations

Name of Student	Degree Awarded, Year	Type of Document and Title
George Wang	Ph.D., 1993-1999	Genetic and Functional Analyses of Apolipoprotein A-IV in Relation to the Quantitative Risk Profile For Coronary Heart Disease.
Hamid Razzaghi	Ph.D., 1994-1999	Population Screening of the Lipoprotein Lipase Gene for Mutations Associated With High Triglyceride/Low HDL-Cholesterol Phenotype and Structure-Function Analysis of the Mutations Using Molecular Modeling.
Xiaoyan Wang	Ph.D., 1995-1999	Molecular Genetic Analysis of the α_1- Antichymotrypsin Gene in Relation to the Risk of Alzheimer's Disease.
Purnima Desai	Ph.D., 1996-2001	Molecular Genetics and Immonohistochemical Analyses of Apolipoprotein D in Relation to Alzheimer's Disease.
Erin Luedecking-Zimmer	Ph.D., 1997-2001	Association of Candidate Genes on Chromosome 12 in Late-Onset Alzheimer's Disease.
Qi Chen	Ph.D., 1998-2002	Genetic Factors in Coronary Heart Disease in Women.
Ayla Ozturk	Ph.D., 2002-2005	Investigation of the Relationship of Candidate Genes on Chromosome 10 with the Risk and Age-at-Onset of Alzheimer's Disease
Pei-an Betty Shih	Ph.D., 2004-2007	Evidence for Haplotype-based Association in SLE at the C-reactive protein Locus: Population-based and Family-based Association Studies
Sangita Suresh	Ph.D., 2003-2008	Functional Characterization of Apolipoprotein H

		Promoter Polymorphisms and Their Relation With Systemic Lupus Erythematosus
Sudeshna Dasgupta	Ph.D., 2005-2008	Association of Paraoxonase-2 Genetic Variation With Serum Paraoxonase Activity and Systemic Lupus Erythematosus
Vipavee Niemsiri	Ph.D., 2010-2016	Genetic Influence of Sequence Variants in *SCARB1* and *ABCA1* Genes on Major Lipid Traits: A Candidate Gene Association Study
Dilek Pirim	Ph.D., 2011- 2014	Variants Discovery in the *LPL* and *CETP* Genes and Their Associations With Plasma Lipid and Apolipoprotein Levels
Zaheda Radwan	Ph.D., 2011-2013	A Comprehensive Association Study of Apolipoprotein *E-C1-C4-C2* Gene Cluster on Chromosome 19 with Plasma Lipoprotein Traits
Samantha Rosenthal	Ph.D., 2011-2016	Whole-exome and targeted sequencing of Alzheimer's disease: an integrative approach
Vibha Acharya	Ph.D., 2018-Present	Genetics of Cognitive Decline in Older Adults
Lily Francis	Ph.D., 2018-Present	Genetic Studies on Alzheimer's disease Varinats
Ruyu Shi	Ph.D., 2020-Present	Genetics of the Natural History of Alzheimer's disease
Corintha Goble	M.S., 1989-1991	The Role of the Apolipoprotein B Allelic Variation in Determining Lipoprotein/ Lipid Levels in a Biethnic Population in the San Luis Valley, Colorado.
Shabnam Ali	M.S., 1994-1996	Association of Two Polymorphisms in the Apolipoprotein(a) Gene With Serum Lipoprotein(a) Levels Among African Blacks.
Megan Harris	M.S. Genetic Counseling; 1994-1996	The Role of the Low Density Lipoprotein Receptor-Related Protein (LRP) Gene Polymorphism in Lipid Metabolism.
Jennifer Anderson	M.S. Genetic Counseling; 1994-1996	Relationship of Two Apolipoprotein B Polymorphisms With Plasma Lipoprotein- Lipid Levels in African Blacks.
Cara Nestlerode	M.S., 1994-1997	Genetic Contribution of Apolipoprotein J in Affecting Serum Lipoprotein-Lipid and Apolipoprotein Levels.
Linda Chiu	M.S. Genetic Counseling; 1997-1999	Apolipoprotein(a) Polymorphisms and Plasma Lipoprotein(a) Levels in Hispanics and Non- Hispanic Whites.
Tejal J. Bhojak	M.S., 1998-1999	Polymorphisms in the Cathepsin D and Interleukin-6

		Genes and their Possible Correlations With the Risk of Alzheimer's Disease.
Shannon Lindsay	M.S. Genetic Counseling; 1998-1999	Promoter Polymorphisms in the Apolipoprotein E Gene and the Risk of Alzheimer's Disease.
Janel Markey	M.S., 1996-1998	The Role of Paraoxonase 1/Codon 192 Polymorphism and its Relationship With Coronary Heart Disease.
Kristen DePrince	M.S. Genetic Counseling; 1997-1998	Apolipoprotein(a) Polymorphisms and Plasma Lipoprotein(a) Concentrations in Samoans.
Erin Jacobs	M.S. Genetic Counseling; 2003-2005	Association of Single Nucleotide Polymorphisms in the Promoter of Apolipoprotein H in Systemic Lupus Erythematosus
Laura Tripi	M.S. Genetic Counseling; 2003-2005	Genetic Variation in the Paraoxonase-1 Gene and Association With Systemic Lupus Erythematosus
Leia Corthell	M.S. Genetic Counseling; 2006-2007	Association of Single Nucleotide Polymorphisms in Apolipoprotein H with the Risk of Systemic Lupus Erythematosus
Jessica Figgins	M.S. Genetic Counseling; 2006-2008	Association of 22 Candidate Genes with Late-Onset Alzheimer's Disease
Sally Hollister	M.S. Genetic Counseling; 2006-2008	Sequence Variation in the APOA2 Gene and its Relationship with Plasma HDL-Cholesterol Levels
Sarah Hill	M.S. Genetic Counseling; 2007-2009	Sequence Variation in the APOA1 and APOA4 Genes and Their Relationship with Plasma HDL-Cholesterol Levels
Kate Sleutz	M.S. Genetic Counseling; 2008-2010	Sequence variation in the CD36 gene and its Relationship with plasma HDL cholesterol levels
Lauren Burns	M.S. Genetic Counseling; 2008-2010	A Candidate Gene Study of Late-Onset Alzheimer's Disease
Zaheda Radwan	M.S., 2009-2010	Effects of Common and rare Genetic Variants of Apolipoprotein C4 on HDL-Cholesterol Level
Dilek Pirim	M.S., 2009-2010	Lipoprotein Lipase Gene Sequencing and Lipid Profile
Sharna Tingle	M.P.H., 2010-2011	IL-10 Genetic Variation and Risk of Systemic Lupus Erythematosus
Jordan Harper	M.S., 2020-2021	Genome-Wide Association Study of Dementia in a Community-Based Sample of Oldest-Old
Courtney M. Kasturiarachi	M.P.H., 2020-2022	Genetic Variation in *PCSK9* and Plasma Lipid Profile

d. Co-Supervision of International PhD Students

Name of Student	Degree, Year	Foreign Institute
Syed Fazal Jalil	PhD, 2011-2013	National University of Science and Technology, Islamabad, Pakistan
Mamoonah Chaudhry	PhD, 2013-2015	University of Punjab, Lahore, Pakistan
Asima Zia	PhD, 2013-2015	National University of Science and Technology, Islamabad, Pakistan
Aysha Kiani	PhD, 2013-2015	National University of Science and Technology, Islamabad, Pakistan
Asma Cheema	PhD, 2013-2016	National University of Science and Technology, Islamabad, Pakistan
Muaaz Aslam	PhD, 2017-2021	National University of Science and Technology, Islamabad, Pakistan
Sabiha Bibi	PhD, 2017-Present	National University of Science and Technology, Islamabad, Pakistan

e. Service on Masters and Doctoral Committees

Position	Committee Name	Student's Name	Dates Served
Member	Ph.D.	Bahman Sepehrnia	1986-1988
Member	Ph.D.	Shelly Cole	1988-1990
Member	M.S.	Susan Slaugenhaupt	1988
Member	Ph.D.	Sudha Iyengar	1990-1992
Member	M.S.	Joanne Oleck	1990
Member	Ph.D.	John Law	1990-1991
Member	M.S.	Yvette Perry	1992
Member	M.P.H.	Kathleen McHugh	1993-1995
Member	Ph.D.	Weiching Wang	1994-1996

Member	M.S.	Junbum Kim	1997-1998
Member	Ph.D.	Janet Johnson	1997-1998
Member	M.S.	Manisha Balwani	1999
Member	Ph.D.	William Swaney	2001
Committee Chair	Ph.D.	Xiaojing Ye	2005
Member	Ph.D	Pattarana Sue-Chew	2005
Member	Ph.D.	Andrea Robinson	2009-2012
Member	Ph.D.	Janelle Zacherl	2010-2013
Member	Ph.D.	Sharanya Kumar	2010-2013
Member	Ph.D.	Ferdouse Begum	2012-2013
Committee Chair/Member	M.S.	Laura Smith	2013
M.S. Committee Chair/Member	Laura Sm	M.S. Shazina Saeed 2013	2014
Committee Chair/Member	Ph.D	Janelle Zacherl	2013-2014
Member	M.S.	Amanda D. Matchette	2014
Member	M.S.	Avani Ahuja	2019

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

Name of Student	Position	Dates Supervised
Young I. Ahn, Ph.D.	Research Associate	1991-1993
Dharambir K. Sanghera, Ph.D.	Research Associate	1993-1995
Hyun Sup Kim, Ph.D.	Research Fellow, Kongjun National University, Korea	1996
Chew-Kiat Heng, Ph.D.	Research Fellow, National University of Singapore	1997
Hamid Razzaghi, Ph.D.	Post-doctoral Fellow	1999-2002
Ousama Khalifa, M.D.	Post-doctoral Fellow	2000-2001

Purnima Desai, Ph.D.	Research Associate	2001-2004
Erin Luedecking-Zimmer, Ph.D.	Post-Doctoral Fellow	2002
Qi Chen, Ph.D.	Research Associate	2003-2006
Li-Xia Yang, MD., Ph.D.	Research Associate	2003-2006
F. Yesim K. Demirci, M.D.	Research Associate	2005-2006
Xingbin Wang, Ph.D.	Post-doctoral Fellow	2011-2013
M. Muaaz Aslam Ph.D.	Post-doctoral Fellow	2021-Present

g. Faculty Support

Name of Faculty	Position of Faculty	Dates
Dharambir K. Sanghera, Ph.D.	Assistant Professor	1995-1999
Haider Mehdi, Ph.D.	Assistant Professor	1996-2001
Dharambir K. Sanghera, Ph.D.	Visiting Faculty	2000
F. Yesim K. Demirci, M.D.	Research Assistant Professor	2006-2009
Xingbin Wang, Ph.D.	Research Assistant Professor	2013-2016
Kang-Hsien Fan, Ph.D.	Research Assistant Professor	2017-Present

h. Mentoring Students in Field Placements

Name of Student	Degree/Program	Description	Field Site(s)
Kendall A. Norman-Cooper 1991-1992	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Nicole McCrief 1992-1993	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Carmel F. Portugal 1992	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)

Krista Suggs 1992-1993	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Creighton Moorehead 1993-1994	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Melisa Bennett 1994	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Toral Surti 1994	Undergraduate	Biology	Public Health Careers Opportunity Program (PHCOP) Students
William M. Chaparro 1994-1995	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Omari Humphries 1997	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Asia Jordan 2001	Undergraduate	Biology	University of Pittsburgh –"QUEST", Jean Hamilton Walls and Minority Research Apprenticeship Program (MRAP)
Nida Jawed 2004	Medical student	Summer internship	Agha Khan Medical College, Karachi, Pakistan
Fazia Ahmad Mir 2005	Medical student	Summer internship	Agha Khan Medical College, Karachi, Pakistan

2. Research and Training

a. Grants and Contracts Received (Active Funding)

Years Inclusive	Grant or Contract Number and Title	Source	Role	Amount
4/2021 – 3/2025	R01 AG064877: Genetic Architecture of Alzheimer's Disease Proteinopathies	NIH/NIA	Principal Investigator	Total cost: $8,377,181

8/2019 – 4/2021	RF56 AG064877: Genetic Architecture of Alzheimer's Disease Proteinopathies	NIH/NIA	Principal Investigator	Total cost: $2,626,839
4/2016 – 3/2026	R01AG023651/R37:Mild Cognitive Impairment: a Prospective Community Study	NIH/NIA	Co-Investigator	Total cost: $2,021,320 Kamboh's budget
9/2020 – 8/2025	U19AG068054 Alzheimer's Biomarkers Consortium-Down Syndrome (ABC-DS):	NIH/NIA	MPI, Project 2: Genomics	$1,511,144 Kamboh's budget
5/2018 – 4/2023	R01AG058549: Risk factors for MCI and Dementia in a Diverse Senior Cohort	NIH/NIA	Co-Investigator	Total cost: $117,141 for Kamboh's Genetics studies
5/2000- 4/2025	P50 AG05133/P30 AG066468: University of Pittsburgh Alzheimer's Disease Research Center	NIH/NIA	Director, Biomarker and Neurogenetics Core	Total cost: $2,649,241 for Kamboh's Genetics Core
1/2021 – 12/2025	R01 AG069912: Genetics and Molecular Correlates of White Matter Pathology in Alzheimer's disease	NIH/NIA	Co-Investigator	Total cost: $383,597 Kamboh's budget
9/2021 – 8/2022	RF56 AG074467: Neurocognitive Outcomes and Precursors of Alzheimer Disease Related Dementias after SARS-CoV-2 Infection: an Ultrahigh Field (7T) MRI Study in a Diverse, Multinational Cohort	NIH/NIA	Co-Investigator	Total cost: $70,511 Kamboh's budget

b. Grants and Contracts Received (Previous Funding)

Years Inclusive	Grant or Contract Number and Title	Source	Role	Amount
2/2009 – 5/2022	R01/R02 AG030653: Search for the Alzheimer's Disease Genes	NIH/NIA	Principal Investigator	Total cost: $7,720,857
5/2012 – 4/2022	R01 AG027224: Prediction of Psychosis in Alzheimer's Disease	NIH/NIA	Co-Investigator	Total cost: $360,854 for Kamboh's budget

9/2020 – 8/2021	R01 AG053952-01: Investigating Gains in Neurocognition in an Intervention Trial of Exercise	NIH/NIA	Co-Investigator	Total cost: $62,260 Kamboh's budget
5/2016 – 4/2020	U01 AG051197: Connectomics of Brain Aging and Dementia	NIH/NIA	Co-Investigator	Total cost: $250,306 Kamboh's budget
9/2015 - 4/2020	U01 AG051406: Neurodegeneration in Aging Down Syndrome (NiAD): A Longitudinal Study of Cognition and Biomarkers of Alzheimer's Disease	NIH/NIA	Co-Investigator	Total cost: $358,897 Kamboh's Genetics studies
9/2012-8/2019	R01 AG041718: Deep Resequencing of Candidate Gene Regions in Late-onset Alzheimer's Disease	NIH/NIA	Principal Investigator	Total cost: $3,066,289
12/2009-11/2014	R01 AR057028: Molecular Genetics of BAT Genes and SLE Risk	NIH/NIAMS	Co-investigator	Total cost: $1,780,461
12/2008-11/2012	R01 HL092397: Immune/Inflammation Genomics and the Risk of SLE and CHD	NIH/NHLBI	Principal Investigator	Total Cost: $2,735,942
5/2007-4/2012	R01 HL088648: Prothrombin Gene Variation and the Risk of SLE and CHD	NIH/NHLBI	Principal Investigator	Total cost: $1,963,545
2/2007-1/2012	R01 HL084613: Genetic Determinants of HDL-Cholesterol	NIH/NHLBI	Principal Investigator	Total cost: $2,901,017
9/2009-8/2012	R01 DK082766:Genome-Wide Association Scan to Identify Risk Genes for Type 2 Diabetes in Asian Indian Sikhs	NIH/NIDDK	Co-investigator	Total cost: $27,372
7/2005-6/2010	Mild Cognitive Impairment: A Prospective Community Study	NIH/NIA	Co-investigator	Total cost: $292,694 Kamboh's budget
7/2003-6/2007	R01 HL074165: Genetic & Structure-Function Studies: Paraoxonase in SLE	NIH/NHLBI	Principal Investigator	Total cost: $1,646,430

1/2003-12/2007	R01 HL 070169: Functional Characterization of Lipoprotein Lipase Mutations	NIH/NHLBI	Principal Investigator	Total cost: $1,373,798
5/1996-4/2007	R01/R02 AG13672: Risk Genes in Alzheimer's Disease	NIH/NIA	Principal Investigator	Total cost: $2,817,625
1/1997–5/2007	R01/R02 HL54900: Molecular Genetics Analysis of Apolipoprotein H in SLE	NIH/NHLBI	Principal Investigator	Total cost: $3,593,092
3/2001–2/2003	Prothrombin Gene Variation and the Risk of SLE and Thrombosis	Lupus Foundation of America	Principal Investigator	Direct cost: $60,000
4/1995-3/2000	R01 HL52611: Genetics of CVD Risk Factors in Samoans	NIH/NHLBI	Principal Investigator	Total cost: $1,556,924
5/1995-4/2000	P50 AG05133: Genetic Epidemiology of Alzheimer's Disease (sub-project of Program Project "University of Pittsburgh Alzheimer's Disease Research Center)	NIH/NIA	Co-Principal Investigator	Direct cost: $529,534
4/1994-3/1999	R01 HL49074: Genetic Epidemiology of CHD Risk Factors in Blacks	NIH/NHLBI	Principal Investigator	Total cost: $973,764
4/1995-3/1999	R01 AG09202: Indo-US Cross National Dementia Epidemiology Study	NIH/NIA	Co-investigator	Direct cost: $200,000
1/1990-12/1995	Genetic Variation in Genes of Lipid Metabolism as Determinants of Lipoprotein/Lipid Levels in Man	National Dairy Promotion & Research Board	Principal Investigator	Direct cost: $467,271
1/1993-12/1995	R01 HL45778: Genetic Epidemiology of Blood Lipids and Obesity: NGHS"	NIH/NHLBI	Co-investigator	Direct cost: $90,630
4/1994-3/1995	R01 AG07562-06: Administrative Supplement to "Epidemiology of Dementia: A Prospective Community Study aka the Monangahela Valley Independent Elders Study"	NIH/NHLBI	Co-investigator	Direct cost: $17,506
1/1994-12/1994	β_2-Glycoprotein I Variability Among SLE Patients	Lupus Foundation of America	Principal Investigator	Direct cost: $15,000

5/1991-6/2002	R01/R02 HL44672: Genetic Epidemiology of Lipoprotein-Lipid Levels	NIH/NHLBI	Principal Investigator	Total cost: $1,955,087
7/1990-6/1991	Genetic Contribution in Determining Cholesterol Levels	Central Development Fund Award, University of Pittsburgh	Principal Investigator	Direct cost: $7,195
6/1990-5/1991	2 S07 RR05451-29: Genetic typing of LP(a)	BRSG, Univ. of Pittsburgh	Principal Investigator	Direct cost: $18,432
9/1989-8/1990	Genetics of Hemostatic Factors	Samuel and Emma Winters Foundation Research Grant	Principal Investigator	Direct cost: $10,050
8/1988-7/1989	2S07 RR05451-27: Direct Assessment of LDL-Receptor Mutations	BRSG, Univ. of Pittsburgh	Principal Investigator	$7,500
12/1985-1/1986	2S07 RR05451: Development of New Markers for the Development of Human Genetic Maps	BRSG, Univ. of Pittsburgh	Principal Investigator	$5,596

PUBLICATIONS

1. Refereed Articles

1. Shami SA, Tahir AM, **Kamboh MI**: The study of natural selection on human head forms in a population of Punjab (Pakistan). *Biologia* 1978; 24:255-261.

2. Shami SA, **Kamboh MI:** Variation of ABO and Rh blood group gene frequencies in the populations of Punjab (Pakistan) I. *Biologia* 1978; 25:71-84.

3. Shami SA, **Kamboh, MI**: Geographic and age related variations in the gene frequencies of ABO and Rh blood groups in the populations of Punjab (Pakistan) II. *Biologia* 1979; 25:85-96.

4. **Kamboh MI**, Kirk RL: Distribution of transferrin (Tf) subtypes in Asian, Pacific and Australian Aboriginal populations: Evidence for the existence of a new subtype TfC6. *Hum Hered* 1983; 33:237-243.

5. **Kamboh MI,** Kirk RL, Clark P: Alpha-1-antitrypsin (PI) types in Asian, Pacific and Australian Aboriginal populations. *Dis Markers* 1983; 1:33-42.

6. **Kamboh MI,** Kirk RL: Investigation of PGM1 3, PGM1 6, PGM1 7 variants by isoelectric focusing. Evidence

for new subtypes of the PGM1 3 and PGM1 7 alleles. *Hum Genet* 1983; 64:58-60.

7. **Kamboh MI:** Population genetic studies of PI, Tf, Gc and PGM1 subtypes among various caste groups in North India. *Acta Anthropogenet* 1984; 8:159-179.

8. **Kamboh MI,** Kirk RL: Genetic studies of PGM1 subtypes: Population data from the Asian-Pacific area. *Ann Hum Biol* 1984; 11:211-219.

9. **Kamboh MI,** Kirwood C: Genetic polymorphism of thyroxin-binding globulin (TBG) in the Pacific area. *Am J Hum Genet* 1984; 36:646-654.

10. **Kamboh MI,** Board PG, Kirwood C: Reevaluation of the proposed interrelationship between thyroxine-binding globulin (TBG) and alpha-1-antitrypsin (PI). *Clin Chim Acta* 1984; 139:65-73.

11. **Kamboh MI,** Ranford PR, Kirk RL: Population genetics of the vitamin D-binding protein (GC) subtypes in the Asian-Pacific area. Description of new alleles at the GC locus. *Hum Genet* 1984; 67:378-384.

12. **Kamboh MI**: Heterogeneity of factor XIIIB: A new method for the determination of factor XIIIB phenotypes by isoelectric focusing in 6 M urea. *Electrophoresis.* 1985; 6:185-186.

13. **Kamboh MI**: Biochemical and genetic aspects of human serum alpha-1-proteinase inhibitor protein. *Dis Markers* 1985; 3:135-154.

14. Musk AW, Zilko PJ, Manners P, Kay P, **Kamboh MI**: Genetic studies in familial fibrosing alveolitis – Possible linkage with immunoglobulin allotypes (Gm). *Chest* 1986; 89:206-210.

15. **Kamboh MI**, Ferrell RE: A sensitive immunoblotting technique to identify thyroxin-binding globulin protein heterogeneity after isoelectric focusing. *Biochem Genet* 1986; 24:273-280.

16. **Kamboh MI**, Ferrell RE: Ethnic variation in vitamin D-binding protein (GC): A review of isoelectric focusing studies in human populations. *Hum Genet* 1986; 72:281-293.

17. **KambohMI**, Ferrell RE: Genetic studies of low abundance human plasma proteins. I. Microheterogeneity of zinc alpha 2-glycoprotein in biological fluids. *Biochem Genet* 1986; 24:849-857.

18. **Kamboh MI**, Ferrell RE: Genetic studies of low abundance human plasma proteins. II. Population genetics of coagulation factor XIIIB. *Am J Hum Genet* 1986; 39:817-825.

19. **Kamboh MI**, Ferrell RE: Genetic studies of low abundance human plasma proteins. III. Polymorphism of the ClR subcomponent of the first complement component. *Am J Hum Genet* 1986; 39:826-831.

20. **Kamboh MI**, Ferrell RE: Human transferrin polymorphism. *Hum Hered* 1987; 37:65-81.

21. **Kamboh MI**, Ferrell RE: Analysis of the reported relationship between thyroxin-binding globulin and alpha-1-antitrypsin. *Biochem Genet* 1987; 25:175-179.

22. **Kamboh MI**, Ferrell RE: Genetic studies of human apolipoproteins. I. Polymorphism of apolipoprotein A-IV. *Am J Hum Genet* 1987; 41:119-127.

23. Escallon MH, Ferrell RE, **Kamboh MI**: Genetic studies of low abundance human plasma proteins. IV. Improved typing of alpha-1-acid glycoprotein (orosomucoid) by isoelectric focusing and immunoblotting.

Hum Hered 1987; 37:294-299.

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224. Pirim D, Demirci FY, Wang X, Hokanson JE, Hamman RF, Bunker CH, Kammerer CM, Barmada MM, **Kamboh MI**. Resequencing of the cholesteryl ester transfer protein gene (*CETP*) in U.S. Whites and African Blacks with extreme HDL-C levels. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

225. Radwan ZH, Demirci FY, Wang X, Waqar F, Hokanson JE, Hamman RF, Bunker CH, Kammerer CM, Barmada MM, **Kamboh MI**. Comprehensive evaluation of the effects of *APOE* genetic variation on plasma lipoprotein traits in U.S. Whites and African Blacks. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

226. Wang X, Reis SE, Barmada MM, Halder I, Demirci FY, **Kamboh MI**. Genetic association of CVD-related loci with lipid traits in the Heart Strategies Concentrating on Risk Evaluation (Heart SCORE) study. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

227. Jalil SF, Bhatti A, Demirci FY, Wang X, Ahmed I, Ahmed M, Barmada MM, Malik JM, John P, **Kamboh MI**. A replication study of genome-wide significant rheumatoid arthritis susceptibility loci in the Pakistani population. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

228. McClain L, Wang X, Barmada MM, Demirci FY, Lopez OL, **Kamboh MI**. Investigation of lipid pathway genes in late onset Alzheimer's Disease. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

229. Rosenthal SL, Wang X, Barmada MM, Demirci FY, Lopez OL, **Kamboh MI**. Beta-amyloid toxicity modifier genes and the risk of Alzheimer's disease. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

230. Reitz C, Jun G, Buros J, Vardarajan B, Wang L-S, Busbaum JD, Larson EB, Graff-Radford N, Evans D, Ertekin-Tanner, N, Logue M, Baldwin TC, Green RC, Barnes LL, Cantwell LB, Fallin MD, Manly J, Lunetta KL, **Kamboh MI**, Bennet DA, Hall K, Goate AM, Byrd GS, Kukul; WA, Foroud TM, Haines JL, Pericak-Vance MA, Farrer L, Schellenberg G, Mayeux, ADGC Consortium: Common variants in ABCA7 and GRIN3B, HMHA1 and SBNO2, are associated with late-onset Alzheimer's disease in African Americans. *The American Society of Human Genetics 2012 Annual Meeting*, November 6-10, San Francisco.

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232. Wang X, Lopez, O, Sweet R, Barmada, MM, Demirci FY, Kamboh MI. Genetic Determinants of Progression of Alzheimer's Disease. Alzheimer's Association International Conference (AAIC), July 13-18, 2013, Boston, MA.

233. Wang M-S, Fiocchi C, Zhu X, Ripke S, **Kamboh MI**, Robert N, Duerr RH, Achkar J-P. Novel gene-gene and gene-environment interactions in ulcerative colitis. *American College of Gastroenterology Annual Meeting*, October 2013, San Diego.

234. Pirim D, Demirci FY, Wang X, Hokanson JE, Hamman RF, Bunker CH, Barmada MM, **Kamboh MI**.

Identification of sequence variants of hepatic lipase (LIPC) gene in individuals with extreme HDL-C/TG levels. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

235. Wang X, Lopez OL, Sweet RA, Becker J, Barmada MM, Demirci FY, **Kamboh MI**. Genetic determinants of the natural history of Alzheimer's disease. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

236. Rosenthal SL, Barmada MM, Wang X, Demirci FY, Lopez OL, **Kamboh MI**. Potential regulatory functions of late-onset Alzheimer's disease associated variants. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

237. Radwan ZH, Wang X, Waqar F, Hokanson JE, Hamman RF, Barmada MM, Demirci FY, **Kamboh MI**. A comprehensive association study of *APOE-C1-C4-C2* gene cluster variation with plasma lipoprotein traits in U.S. Whites. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

238. Niemsiri V, Wang X, Barmada MM, Hokanson JE, Hamman RF, Demirci FY, Kamboh MI. Genetic Influence of Scavenger Receptor Class B Type 1 (SCARB1) on Plasma Lipid Traits in non-Hispanic White Americans. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

239. Chaudhry M, Hasnain S, Snitz B, Wang X, Winger D, Wang L, Rosenthal S, Demirci FY, **Kamboh MI**. Association of *APOE* Polymorphism and Stressful Life Events with Dementia in the Pakistani Population. *The American Society of Human Genetics 2013 Annual Meeting*, October 22-26, Boston.

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244. Demirci FY, Niemsiri V, Wang X, Barmada MM, Hokanson JE, Hamman RF, **Kamboh MI**.

Contribution of genetic variation of ATP-binding cassette transporter A1 (*ABCA1*) to the regulation of plasma lipid/lipoprotein levels in US Non-Hispanic Whites. *American Society of Human Genetics 2014 Annual Meeting*, October 18-22, 2014. San Diego, CA.

245. Niemsiri V, Wang X, Barmada MM, Bunker CH, Demirci FY, **Kamboh MI**. Genetic variation of Scavenger Receptor Class B Type I (SCARB1) and Plasma Lipid Traits: An Association Study in a Nigerian Population. *American Society of Human Genetics 2014 Annual Meeting*, October 18-22, 2014. San Diego, CA.

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249. Niemsiri V, Wang X, Radwan ZH, Pirim D, Hokanson JE, Hamman RF, Barmada MM, Demirci FY**,** **Kamboh MI**. The contribution of common and low-frequency/rare variants in ATP-binding cassette A1 *(ABCA1*) to lipoprotein-lipid traits. *American Society of Human Genetics 2015 Annual Meeting*, October 6-10, 2015. Baltimore, MD.

250. Wang X, Reis SE, Halder I, Barmada MM, Demirci FY, **Kamboh MI**. Comprehensive gene-centric association analysis for lipid traits in the Heart SCORE (Heart Strategies Concentrating on Risk Evaluation) study using the HumanCVD BeadChip. *American Society of Human Genetics 2015 Annual Meeting*, October 6-10, 2015. Baltimore, MD.

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253. **Kamboh MI**, Wang X, Feingold E, Barmada MM, Bamne MN, Demirci FY, Klunk WE, Ganguli M, Lopez OL. Gender and the genetics of Alzheimer's disease. *Alzheimer's Association International Conference (AAIC) Meeting*, Toronto, Canada, July 24-28, 2016.

254. Prim D, Radwan Z, Wang X, Waqar F, Niemsiri V, Hokanson, JE, Hamman RF, Feingold E, Bunker CH, Barmada MM, Demirci FY, **Kamboh MI.** A Comprehensive association study of apolipoprotein *E-C1-C4-C2* gene cluster variation with plasma lipoprotein traits. *European Atherosclerosis Society*, Parague, Czech Republic, April 23-26, 2017.

255. Rosenthal S, Demirci FY, Yan Q, Bamne M, Lopez OL, Feingold E, **Kamboh MI**. Targeted sequencing

of GWAS-implicated loci in Alzheimer's disease. *Alzheimer's Association International Conference*, July 16-20, 2017. London, England.

256. Demirci FY, Yan Q, Nho K, Del-Aguila J, Wang X, Risacher S, Snitz B, Aizenstein H, Mathis C, Lopez O, Feingold E, Klunk W, Saykin AJ, Cruchaga C, **Kamboh MI**. Genome-wide association study of brain amyloid deposition as measured by PiB-PET imaging and the assessment of genetic variance of amyloid deposition. *American Society of Human Genetics 2017 Annual Meeting*, October 17-21, 2017. Orlando, FL.

257. Niemsiri V, Wang X, Radwan ZH, Pirim D, Halder I, Reis SE, Hokanson JE, Hamman RF, Barmada MM, Feingold E, Demirci FY, **Kamboh MI**. Contribution of *ABCA1* Genetic Variation to Plasma Lipid Levels in Non-Hispanic White Americans. *American Heart Association Scientific Sessions 2017 Annual Meeting*, November 11-15, 2017. Anaheim, CA.

258. Cheema A, Rosenthal S, **Kamboh MI**. Proficiency of data interpretation: identification of signaling single nucleotides polymorphism for coronary artery disease. *12th Asia-Pacific Conference on Human Genetics*, November 8-10, 2017. Bangkok, Thailand. *Ann Transl Med* 2017;5(Suppl 2): AB069.

259. Cheema A, Pirim D, Wang X, Demirci FY, **Kamboh MI**. Association of genome-wide significant single-nucleotide polymorphisms with coronary artery disease in Pakistani population: a case-control study. *12th Asia-Pacific Conference on Human Genetics*, November 8-10, 2017. Bangkok, Thailand. *Ann Transl Med* 2017;5(Suppl 2): AB070.

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262. Fan K-S, Rosenthal S, Feingold E, Demirci FY, Lopez O, **Kamboh MI**. Whole-exome sequencing (WES) analysis of Alzheimer's disease in non-*APOE*4* carriers. *American Society of Human Genetics 2018 Annual Meeting*, October 16-20, 2018. San Diego, CA.

263. Aslam MM, John P, Fan K, Bhatti A, Feingold E, Demirci FY, **Kamboh MI**. Investigating the GWAS-implicated loci for Rheumatoid Arthritis in Pakistani population. *American Society of Human Genetics* 2018 Annual Meeting, October 16-20, 2018. San Diego, CA.

264. Snitz BE, Teodorescu DL, Lopez OL, Kuller LH, Cohen AD, DeKosky ST, **Kamboh MI**, Lopresti B, Mathis C, Klunk WE. Predicting resiliency against amyloid-beta deposition, cognitive impairment, and their combination in the oldest-old. *Alzheimer's Association International Conference*, July 22-26, 2018. Chicago, IL.

265. Kofler J, Fan K, Yan Q, Sweet RA, Feingold E, Lopez O, **Kamboh MI**. Association of Alzheimer's disease genetic risk variants with pathology endophenotypes. *Alzheimer's Association International Conference*, July 22-26, 2018. Chicago, IL.

266. Aslam MM, John P, Fan, K-H, Bhatti A, Feingold E, Demirci FY, **Kamboh MI**. Exploration of shared genetic susceptibility loci between type 1 diabetes and rheumatoid arthritis in the Pakistani population.

American Society of Human Genetics 2019 Annual Meeting, October 15-19, 2019. Houston TX.

267. Aslam MM, Jalil F, John P, Fan KH, Bhatti A, Feingold E, Demirci FY, **Kamboh MI**. A sequencing study of CTLA4 in Pakistani rheumatoid arthritis cases. *Annual American Society of Human Genetics Meeting*, October 27-30, 2020, Virtual Meeting.

268. Acharya V, Fan KH, Feingold E, Kofler J, **Kamboh MI**. Somatic mutation analysis reveals higher mutational load in APOE and ABCA7 loci in Alzheimer's disease. *Annual American Society of Human Genetics Meeting*, October 27-30, 2020, Virtual Meeting.

269. Fan KH, Aslam MM, Feingold E, Rosenthal SL, Demirci FY, Gangui M, Lopez OL, **Kamboh MI**. Targeted sequencing of Alzheimer's disease-associated loci. *Annual American Society of Human Genetics Meeting*, October 27-30, 2020, Virtual Meeting.

270. Acharya V, Fan K-H, Snitz BE, Ganguli M, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI**. Genome-wide meta-analysis of age-related cognitive decline in population based older individuals. *Alzheimer's Association International Conference (AAIC) Neuroscience Next 2021,* October 12-13, 2021. *Alzheimers Dement* 2021; 17:e058723.

271. Ngo M, Donnelly CJ, Fan K-H, **Kamboh MI**, Kofler J. Role of GWAS candidate gene, SCYL3, in TDP-43 expression and aggregation. Virtual meeting about age-related TDP-43 proteinopathy, February 11, 2022.

272. Fongang B, Weinstein G, Guðjónsson A, Mishra A, Bis JC, Yang Q, Winsvold B, Muralidharan S, Fan KH, **Kamboh MI**, Li G, Yang J, Hilal S, Satizabal CL, Jian X, Knol MJ, Concas MP, Girotto G, Riaz M, Lacaze P, Ruiz, Naj AC, Schellenberg GD, Kehoe PG, Lee SJ, Skrobot OA, Gudnason V, Lopez OL, Haan M, Bosnes I, Dufouil C, Ganguli M, Cheung CL, Bennett DA, Lambert JC, Chen C, Ikram MA, Debette S, Fornage M, Seshadri S, Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE). A meta-analysis of genome-wide association studies identifies new genetic loci associated with all-cause and vascular dementia. *Alzheimers Dement* 2021;17:e056081.

273. Harper JD, Fan KH, Aslam MM, Snitz BE, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI**. Genome-wide association study of incident dementia in a community-based sample of older subjects. *Alzheimer's Association International Conference (AAIC)*, July 31-August 4, 2022

274. Shi R, Fan KH, Lopez OL, Feingold E, **Kamboh MI** A whole-genome-sequencing study to identify genetic variants associated with Alzheimer's disease progression. *Alzheimer's Association International Conference (AAIC)*, July 31-August 4, 2022

275. Fan KH, Aslam MM, Francis L, Bedison A, Lawrence E, Acharya V, Snitz BE, Ganguli M, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI.** Re-evaluation of the genetic role of a rare APOE variant (L28P; *APOE*4Pittsburgh*) in late-onset Alzheimer disease. *Alzheimer's Association International Conference (AAIC)*, July 31-August 4, 2022.

276. Acharya V, Fan KH, Snitz BE, Ganguli M, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI**. Meta-analysis of age-related cognitive decline reveals a novel locus for the attention domain and implicates a COVID-19 related gene for global cognitive. *Alzheimer's Association International Conference (AAIC)*, July 31-August 4, 2022.

277. Aslam MM, Fan KH, Lawrence E, Bedison A, Snitz BE, DeKosky ST, Lopez OL, Feingold E, **Kamboh**

MI. Genome-wide association study of plasma apolipoprotein E levels and risk of dementia in older adults. *Alzheimer's Association International Conference (AAIC)*, July 31-August 4, 2022.

278. Han X, Moore MR, Chung J, Durape SS, Rosenthaler M, Uretsky M, Abdolmohammadi B, Farrell J, Zhang X, Jun G, Qiu W, Logue M, Stein T, Bennett DA, Paul K. Crane PK, **Kamboh MI**, Kukull WA, Larson EB, Au R, Haines JL, Pericak-Vance MA, Schellenberg GD, Mayeux R, Lunetta KL, Lindsay A. Farrer LA, Mez J. Genome-wide interaction study with Smoking identifies *FHIT* and *SLC22A23* associated with Alzheimer's disease. *Annual American Society of Human Genetics Meeting*, October 25-29, 2022.

279. Acharya V, Fan KH, Snitz BE, Ganguli M, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI**. Sex-stratified meta-analysis of age-related cognitive decline across neurocognitive domains. *Annual American Society of Human Genetics Meeting*, October 25-29, 2022.

280. Aslam MM, Fan KH, Snitz BE, DeKosky ST, Lopez OL, Feingold E, **Kamboh MI.** Genome-wide association study of plasma amyloid β levels in older adults. *Annual American Society of Human Genetics Meeting*, October 25-29, 2022.

SERVICE

University and Professionally Related

a. Department, School or University Committees

Position	Committee	Specify Department, School or University	Year(s)
Member	Faculty advancement, Promotion and Tenure Committee(FAPTC)	Graduate School of Public Health, University of Pittsburgh	2015-2018
Juror	Dean's Day	Graduate School of Public Health, University of Pittsburgh	2015, 2016
Juror	Dean's Day	Graduate School of Public Health, University of Pittsburgh	2014
Member	Graduate School of Public Health Council	Graduate School of Public Health, University of Pittsburgh	2005- 2013
Member	The Jay L. Foster Memorial Lecture Series	Graduate School of Public Health, University of Pittsburgh	2002-2007, 2009-2013
Member	Executive Committee, Alzheimer's Disease Research Center	University of Pittsburgh	2000-Present
Member	Institutional Review Board (IRB)	University of Pittsburgh	1998-2001
Member	M.D./Ph.D. Selection Committee	School of Medicine, University of Pittsburgh	1997-2000

Member	Planning and Budgeting Committee	Graduate School of Public Health, University of Pittsburgh	1993-1995
Member	Faculty Advancement Committee	Graduate School of Public Health, University of Pittsburgh	1993-1998
Member	Advisory Committee on the GSPH Multidisciplinary M.P.H. degree	Graduate School of Public Health, University of Pittsburgh	1991-1996
Member	Safety Committee	Graduate School of Public Health, University of Pittsburgh	1992-1994
Member	Appointment/Promotion ad-hoc Committee	School of Medicine, University of Pittsburgh	1994-1999
Member	Appointment/Promotion ad-hoc Committee	Graduate School of Public Health, University of Pittsburgh	1994-1999
Member	Ad hoc Search and Appointment Committee	Department of Human Genetics, Graduate School of Public Health, University of Pittsburgh	1991-Present
Member	Curriculum Revision Committee	Department of Human Genetics, Graduate School of Public Health, University of Pittsburgh	1991
Member	Graduate Faculty	University of Pittsburgh	1987-Present

b. Editorial Boards

Type of Activity	**Position**	**Title**	**Date**
Editorial Board	Associate Editor	*Journal of Alzheimer's Disease*	2015-2017, 2021
Editorial Board	Founding Editor-in-Chief	*Current Genetic Medicine Reports*	2013-2018
Editorial Board	Editor-in-Chief	*The Open Genomics Journal*	2013
Editorial Board	Senior Member	*American Journal of Neurodegenerative Disease*	2012-Present
Editorial Board	Section Editor	*BioMed Research International* (formerly *Journal of Biomedicine and Biotechnology*)	2009-2015
Editorial Board	Member	*The Open Translational Medicine Journal*	2008-Present

Editorial Board	Member	*The Open Geriatric Medicine Journal*	2008-Present
Editorial Board	Member	*The Open Genomics Journal*	2007-2012
Editorial Board	Member	*The Open Rheumatology Journal*	2007-Present
International Advisory Board	Member	*Journal of the Dow University of Health Sciences*	2007-Present
Editorial Board	Associate Editor	*Annals of Human Genetics*	2003-2013
Editorial Board	Member	*Human Biology*	1994-2008
Editorial Board	Member	*Ethnicity and Disease*	1991-1993

c. Manuscript/Publication Reviewer

Title	**Title**
Acta Neuropathologia	*European Journal of Human Genetics*
American Journal of Human Genetics	*Experimental Gerontology*
American Journal of Epidemiology	*Genetic Epidemiology*
American Journal of Medical Genetics	*Human Biology*
American Journal of Physical Anthropology	*Human Genetics*
Annals of Human Genetics	*Human Heredity*
Annals of Neurology	*Human Immunology*
Arteriosclerosis, Thrombosis and Vascular Biology	*Human Mutation*
Atherosclerosis	*Experimental Biology & Medicine*
Arthritis & Rheumatism	*Journal of Alzheimer's Disease*
Biochemical Genetics	*Journal of Lipid Research*
Biochimica Et Biophysica Acta	*Journal of Medical Genetics*
BMC Genetics	*Journal of Neurology, Neurosurgery & Psychiatry*
Biological Psychiatry	
Brain Research	*Journal of Neurological Sciences*
Circulation	*Lancet*
Clinical Chemistry	*Lancet Neurology*
Clinical Chemistry and Laboratory Medicine	*Life Sciences*

Clinical Genetics
Clinical & Experimental Medicine
Clinical Lipidology
Diabetes
Diabetologia
Disease Markers
Electrophoresis
European Journal of Clinical Investigation
Future Neurology
Molecular Psychiatry
Mutation Research
Neurobiology of Aging
Neurogenetics
Neurology
Neuroscience Letters
Neurotherapeutics
Pharmacogenetics
PLoS Genetics
Psychiatry Research
Scientific Reports

d. Study Sections/Review Panels and Related Advisory Boards

Type of Service	Position	Agency	Year(s)
Research Grant Proposal	Committee Chair	NIH –Special Emphasis Panel –ZRG1 GGG-S(02) Genetics, Genomics, and Therapeutics of Diseases	2019
Research Grant Proposal	*Ad-hoc* Member	NIH –Special Emphasis Panel – Interdisciplinary Research to Understand the Complex Biology of Resilience to Alzheimer's Disease Risk	2018
Research Grant Proposal	*Ad-hoc* Member	NIH –Special Emphasis Panel – Interdisciplinary Research to Understand the Complex Biology of Resilience to Alzheimer's Disease Risk	2017
Research Grant Proposal	*Ad-hoc* Member	NIH –Special Emphasis Panel –Major Opportunities for Research in Epidemiology of Alzheimer's Disease and Cognitive Resilience	2016
Research Grant Proposal	*Ad-hoc* Member	NIH – National Institute on Aging Special Emphasis Panel - Inflammation and Alzheimer's Disease	2015

Research Grant Proposal	*Ad-hoc* Member	NIH – ZRG1 GGGE (02) Member Conflict: Genetic Variants in Disease	2015
Research Grant Proposal	Committee Chair	NIH – National Heart, Lung, and Blood Institute: Genetic Basis of Monogenic Blood Disorder ZHL1 CSR-C (F1)	2013
Research Grant Proposal	Committee Chair	NIH – ZRG1 PSE-P(02) Member Conflict: Chronic Disease, Aging and Genetics Review Committee	2013
7-Year Review of the Human and Molecular Genetics Ph.D. Program	External Reviewer	University of Texas Graduate School of Biomedical Sciences at Houston	2013
Research Grant Proposal	*Ad-hoc* Member	NIH – ZRG1 PSE-D (03) NAME conflict Study Section	2012
Research Grant Proposal	*Ad-hoc* Member	NIH – ZRG1 BBBP-E(53)/NIH Director's Early Independence Award Review	2012
Research Grant Proposal	*Ad-hoc* Member	NIH – ZRG1 EMNR-Q 50/Specialized Centers of Research (SCOR) on Sex differences	2012
Research Grant Proposal	*Ad-hoc* Member	NIH – ZRG1 GGG0M 50/Epigenomics of Human Health and Disease	2011
Medical Advisory Committee	Member	Brain Injury Research Institute (BIRI), West Virginia University, Morgantown, WV	2010
Research Grant Proposal	*Ad-hoc* Member	NIH – Genetics of Health and Disease (GHD) Study Section	2009
Research Grant Proposal	*Ad-hoc* Member	NIH Special Emphasis Panel ZRG1 HOP-D(05) M, /CASE Member SEP	2008
Research Grant Proposal	Chartered Member	National Institutes of Health (NIH)/Cardiovascular and Sleep Epidemiology Study Section (formerly ECD and EDC1 Study Sections)	2003-2007
Research Grant Proposal	*Ad-hoc* Member	NIH Special Emphasis Panel ZRG1 HOP-S 02 M, KNOD/CASE Member SEP	2007

Research Grant Proposal	*Ad-hoc* Member	NIH Special Emphasis Panel ZRG1 HOP-U(40)---SCORS	2007
Research Grant Proposal	*Ad-hoc* Member	NIH/Heart, Lung, and Blood Program Project (HLBP) Review Committee of NHLBI	2007
Research Grant Proposal	*Ad-hoc* Member	NIH/ZRG1 Clinical Cardiovascular Sciences (CVS) C 90S	2004
Research Grant Proposals	*Ad-hoc* Member	NIH/Social Sciences, Nursing, Epidemiology and Methods (SNEM5) (02) Special Emphasis Panel	2002-2003
Research Grant Proposals	*Ad-hoc* Member	NIH/Epidemiology and Disease Control –1 (EDC1) Study Section	2001-2003
Research Grant Proposals	Member	NIH/National Institute of Environmental Health Sciences (NIEHS), Special Emphasis Panel Review Group	1998
Abstract Selection Committee for the category "Lipid and Lipoprotein Metabolism: Basic & Cellular (ATVB)"	Member	American Heart Association Annual Scientific Meeting	2006
Abstract Selection Committee for the category "Genetics and Genomics of Cardiovascular Disease (FGTB)"	Member	American Heart Association Annual Scientific Meeting	2008
Scientific Advisory Board	Founding Member	Cure Alzheimer's Fund	2005-2011
Research Grant Proposal	Reviewer	Biomedical Research Council (BMRC) of the Agency for Science, Technology and Research (A*STAR) , Singapore	2005
Research Grant Proposals	External Reviewer	Research Grants Council (RGC) of Hong Kong	2007
Research Grant Proposal	Reviewer	Medical Research Council, United Kingdom	2003, 2009
Research Grant Proposals	Member	Alzheimer's Association, Initial Review Board of the Medical and Scientific Advisory Council.	1999-Present
Abstract Selection Committee	Member	American College of Rheumatology	2002

for the category "Antiphospholipid Syndrome"		Annual Scientific Meeting	
Research Grant Proposals	Reviewer	Swiss National Science Foundation	2002
Research Grant Proposal	Reviewer	Arthritis Research Campaign, United Kingdom	2001
Research Grant Proposals	Reviewer	The Wellcome Trust, United Kingdom	2000
Research Grant Proposals	Reviewer	The Wellcome Trust, United Kingdom	2005
Research Grant Proposals	Reviewer	The Wellcome Trust, United Kingdom	2007
Research Grant Proposals	Reviewer	The Wellcome Trust, United Kingdom	2009
Research Grant Proposals	Reviewer	University of Pittsburgh Alzheimer's Disease Research Center	2001-Present
Research Grant Proposals	Reviewer	National Science Foundation	1999
Research Grant Proposals	Reviewer	The Israel Science Foundation	1994
Research Grant Proposals	Chartered Member	National Dairy Promotion and Research Board	1993-1996
Research Grant Proposals	Reviewer	Evaluation and Site Visit of a Program Project of the National Dairy Board, Dairy Research Institute for Genetics and Nutrition, Berkeley, CA	1991
Research Grant Proposal	Reviewer	Ministry of Public Health, Kuwait	1986

e. Patents

Title	US Patent No.	Issued Date	Inventors
Determination of Alzheimer's Disease Risk Using Apolipoprotein E and α-1 Antichymotrypsin Genotype Analysis	5,773,220	June 30, 1998	Steven, T. DeKosky, M. Ilyas Kamboh
Identification of Apolipoprotein H Mutations and Their Diagnostic Uses	6,203,980 B1	March 20 2001	M. Ilyas Kamboh, D. K. Sanghera, S. Manzi

f. Other

Position	Type of Service	Agency	Year(s)
Member	To select the best	Gabriel W. Lasker Award Committee	1998

	paper published in *Human Biology*		
External Examiner	Ph.D. Dissertation (Dr. Lin Yanaun)	National University of Singapore	1997
External Examiner	Ph.D. Dissertation (Dr. Tan Hui Hui Jenny)	National University of Singapore	2004
Member, Board of Examiners	Ph.D. Dissertation (S. Kanthimathi)	University of Madras, India	2006
External Examiner	Ph.D. Dissertation (I. Ahmad)	The Islamia University of Bahawalpur, Pakistan	2009
External Examiner	M. Phil Thesis (S.Mahmood)	University of Health Sciences, Lahore, Pakistan	2009
External Examiner	Ph.D. Dissertation (Ghulab Sher)	Quaid-i-Azam University, Islamabad, Pakistan	2014