

CURRICULUM VITAE

Yanbin Dong

Nationality: American citizen (Chinese origin)
British Permanent Resident

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EDUCATION

9/1980-7/1985 MD, Jinzhou Medical University, China

9/1985-7/1988 MS Pathology (Mentor: Prof. Aoge Wang), Jinzhou Medical University & China Medical University, Jinzhou, China

9/1992-7/1995 PhD Population/Molecular Genetics (Mentor: Prof. Lisheng Liu), Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China

Post-Doctoral Fellowship:

9/1995-12/1995 Diabetes (Mentor: Prof. Gareth Williams, Royal Liverpool University Hospital Medical School, United Kingdom)

1/1996-6/2000 Salt-sensitive hypertension (Mentor: Prof. Graham A. MacGregor, St. George's Hospital Medical School, University of London, UK)

Clinical Training/Experience:

9/1984-7/1985 Internship, Jinzhou Medical University, China

8/1988-7/1989 Internal Medicine Residency, Dandong Central Hospital affiliated with Dalian Medical University, China

9/1989-7/1990 Cardiology Fellowship, Dandong Central Hospital affiliated with Dalian Medical University, China

8/1990-7/1992 Attending Cardiologist, Dandong Central Hospital affiliated with Dalian Medical University, China

Leadership Training:

10/2014-5/2015 Executive Leadership Excellence (ELE) program, a 9-month didactic and experiential leadership training and development initiative for leaders with challenging accountabilities and mandates, Georgia Regents University (GRU)/Georgia Regents Health System (GRHS)

April 20, 2016 Executive Media Training 101, Office of Leadership Development, Augusta University

- August 31, 2016 Authentic Leadership Pipeline Alumni Programs, Office of Leadership Development, Augusta University
- August 30, 2017 Authentic Leadership Pipeline Alumni Programs, “Effective Leadership with Disruptive Employees”, Office of Leadership Development, Augusta University
- October 18-20, 2018 “Leading and Influencing as a Department Chair”, Academic Impressions, the George Washington University, Washington, D.C.

ACADEMIC APPOINTMENTS

- 7/2000-6/2001 Honorary Lecturer in Physiological Medicine, Blood Pressure Unit / Medical Genetics Unit, St. George’s University Medical School of London, United Kingdom
- 7/2001-9/2002 Lecturer (equivalent to Assistant Professor) in Stroke Genetics, Clinical Neuroscience Department / Medical Genetics Unit, St. George’s University Medical School of London, United Kingdom
- 10/2002-6/2008 Associate Professor of Pediatrics, Georgia Prevention Institute, the Department of Pediatrics, Medical College of Georgia (MCG)
Associate Professor of Graduate Studies, College of Graduate Studies, Georgia Regents University (GRU)
- 7/2008-present Professor of Pediatrics, Georgia Prevention Institute, the Department of Pediatrics, MCG, Augusta University
- 7/2008-present Professor of Graduate Studies, College of Graduate Studies, Augusta University
- 2/2015-present Regents’ Professor, Department of Population Health Sciences, Department of Pediatrics, Medical College of Georgia, MCG, Augusta University
- 2018-present Professor, joint appointment in the College of Nursing, Augusta University

ADMINISTRATIVE APPOINTMENTS AND LEADERSHIP

- 7/2001-9/2002 Manager of the Cerebrovascular Genetic Laboratory, St. George’s University of London, United Kingdom
- 10/2002-present Director of the Centralized Prevention Institute Laboratory, MCG, Augusta University
- 10/2008-10/2015 Co-Director, Diabetes and Obesity Discovery Institute, Medical College of Georgia, Georgia Regents University (GRU)
- 1/2009-2014 Advisory Committee Member of Georgia Prevention Institute, Augusta University
- 2013 Panelist of experts to evaluate the university research portfolio by the American Association for the Advancement of Science (AAAS), Washington, D.C.
- 2014-2017 Associate Director, Georgia Prevention Institute, the Department of Pediatrics, MCG, Augusta University
- 11/2015-present Organizer and facilitator of bi-weekly individual/programmatic extramural grant development (RIGOR) at Georgia Prevention Institute

- 2015 Senate Liaison to the Faculty Development Committee (FDC), Augusta University
- 11/2016-11/2019 American Heart Association Board Director, Mid Atlantic Affiliate, CSRA Metro
- 2019 Lead Judge for the Emerging Leaders in Nutrition Science Poster Competition (ELPC) at the American Society of Nutrition (ASN), Baltimore, Maryland

INSTITUTIONAL COMMITTEES

- 2004-2009 Dean's Student Research Fellowship Committee Member
- 2004-2009 Academic Council Committee Member
- 2004-present Faculty senate
- 2005-present Reviewer for Intramural Grants Program (IGP)
- 9/2006 IBC Working Group (Institutional Biosafety Committee)
- 2007-2008 Alternative member of the Human Assurance Committee (HAC)
- 2006-2009 Admission Committee for the School of Medicine Class
- 2006 Search committee member for an epidemiologist at Georgia Prevention Institute
- 2006 Search committee member for a cardiovascular physiologist at Georgia Prevention Institute
- 2007 Search committee chair for a physiologist with expertise in inflammation at Georgia Prevention Institute
- 2007 Search committee member for an excise physiologist at Georgia Prevention Institute
- 2013 Search committee member for the director of IPPH (Institute of Public and Preventive Health)
- 2013 Search committee chair for the Associate Dean of Research at the College of Dental Medicine
- 2013-2015 Augusta University Clinical and Translational Sciences - Experienced Investigator Committee member
- 2013 Search committee member for the chair of the Department of Pharmacology and Toxicology, MCG
- 2014 Search committee member for the chair of the Department of Pediatrics
- 2014-2016 Elected Senator-at Large, GRU University Faculty Senate
- 2015 UGA- Augusta University seed grant review
- 2015 Committee member of Faculty Compensation Task Force, MCG
- 2015 Search committee member for the chair of the department of Medical Laboratory, Imaging, & Radiologic Sciences, College of Allied Health Sciences
- 2016 Search committee co-chair for an epidemiology faculty position, the Department of Clinical and Environmental Health Sciences in the College of Allied Health Sciences, Augusta University
- 2016 Promotion/Tenure committee member in the College of Dental Medicine, Augusta University
- 2016-2017 Outreach and Economic Development Strategic Focus Team, Augusta University's Strategic Planning Project Teams
- 2017 Promotion/Tenure committee member in the College of Dental Medicine, Augusta University
- 2017 Promotion/Tenure committee member in the Department of Population Health Sciences, Medical College of Georgia, Augusta University

2017-present	Faculty Senate Executive Committee, Medical College of Georgia, Augusta University
2018	Biorepository Oversight Committee Chair, Georgia Prevention Institute, Augusta University
2019	“Adverse Childhood Experiences Research Group”, organized by Associate Vice President for Interdisciplinary Research, Augusta University
2019	Ad hoc Promotion/Tenure committee member in the Department of Pediatrics, Medical College of Georgia, Augusta University

AWARDS/HONORS

1980-1985	University Scholarship, Jinzhou Medical University, Liaoning, China
1985-1988	MS scholarship, China Medical University, Shenyang, China
1992-1995	PhD scholarship, Peking Union Medical College, Beijing, China
1995	Royal Society Scholarship, the Royal Society, United Kingdom
1998	Best poster award for "Use of Single-strand conformation polymorphism analysis to screen for the T594M sodium channel mutation in hypertension", The UK Biochemical Society, United Kingdom
1999	First prize for poster “The importance of epithelial sodium channel mutations in hypertension in an unselected population of African origin”, St. George’s Cardiovascular Research Group, United Kingdom
1999	“Promega Young Researcher Award Winner” and “UK Young Life Scientist of the Year”, the UK Biochemical Society, United Kingdom
2000	Travel award by the British Heart Foundation, United Kingdom
April 2006	Distinguished Faculty Award for Basic Science Research, the Faculty Senate of the School of Medicine, Medical College of Georgia
June 2006	Fellow of the American Heart Association (FAHA), the Council for High Blood Pressure Research
October 2006	Emerging Scientist Award, the 25 th Anniversary Celebration of the MCG Research Institute (MCGRI), 2006, Georgia Regents University
May 2007	COSEHC Travel Award by the Inter-American Society of Hypertension and Consortium for Southeastern Hypertension
May 2012	Outstanding Contributions to 30 Years of Success of the Georgia Prevention Institute, Department of Pediatrics, awarded by the Georgia Regents University

AWARDS TO MY TRAINEES

Sept 2008	Merck New Investigator Award to my PhD student, Ke Li (now associate professor), 62 nd High Blood Pressure Research Conference, American Heart Association, Atlanta.
April 2011	Young Scientist Award to junior faculty (assistant professor, now associate professor), Ryan Harris, PhD, the American Physiological Society, the Experimental Biology, Washington, DC for his work “Vitamin D and endothelial function in overweight African Americans”.
May 2011	New Investigator-in-Training Award to research resident, Samip Parikh, MD, American Society of Hypertension Annual Scientific Meeting, New York
Sept 2011	Best poster award for post-doc category for research internal medicine resident, Samip Parikh, MD, Southern Translational Education and Research STaR Conference, Augusta, GA.
October 2011	First prize for Associates Research Poster Competition for research internal medicine

- resident, Jigar Bhagatwala, MD, American College of Physicians Georgia Chapter Conference, Callaway Gardens, Pine Mountain, GA.
- October 2011 Second prize for Associates Research Poster Competition for research internal medicine resident, Samip Parikh, MD, American College of Physicians Georgia Chapter Conference, Callaway Gardens, Pine Mountain, GA.
- Sept 2012 3rd place in Associate members' oral presentation in research category to Samip Parikh, internal medicine resident, American College of Physicians (ACP) Georgia Chapter Conference, Buford, GA.
- October 2012 Award to First Year medical student (summer scholar, now pediatric fellow), Michael Pham, for his presentation at the Southern Society for Pediatric Research (SSPR).
- April 2013 Excellence in Research –Graduate Medical Fellow, Rahn Peacock Foundation award to Samip Parikh, internal medicine research, 29th Annual Graduate Research Day, Georgia Regents University
- May 2013 Travel Award to research internal medicine resident, Jigar Bhagatwala for his presentation at American Society of Hypertension Annual Scientific Meeting, San Francisco.
- October 2013 3rd place award in associate's poster competition to Jigar Bhagatwala, MD, internal medicine resident, 2013 Annual Meeting: American college of Physicians Georgia Chapter.
- April 2014 Samip Parikh, MD, internal medicine resident (now assistant professor), won the second prize at the Richmond county medical society presentation, Augusta GA
- April 2014 Jigar Bhagatwala, MD, internal medicine resident, won the first prize at the Richmond county medical society presentation, Augusta GA
- March 2016 Jigar Bhagatwala, MD, internal medicine resident (now GI fellow) won 1st place for the excellence in research at Graduate Research Day, Medical College of Georgia, Augusta University
- October 2016 Rachel S. Azevedo, summer scholar /medical student won the first place of the American College of Physicians (ACP) Georgia Chapter 2016 Annual Student Poster Competition for Research
- October 2017 Anas Raed, MD, internal medicine research resident won the First Place of the Resident Poster Competition” at the American College of Physicians (ACP) Georgia Chapter Annual Meeting, Savannah, GA
- October 2017 Anas Raed, MD, internal medicine research resident was awarded “The Hot Topic for Media Outreach Poster”, American College of Gastroenterology, Orange County Convention Center, Orlando, Florida
- November 2018 Li Chen L, postdoctoral fellow (co-mentorship with Dr. Zhu), Effects of Dietary Sodium Reduction on Metabolomic Profiles in Untreated Black Hypertensives. Oral presentation, The American Heart Association's Scientific Sessions, Chicago, Illinois.

SCIENTIFIC AND PROFESSIONAL SOCIETIES

Member of British Society for Cardiovascular Research (UK)

Member of London Hypertension Society (UK)

Member of the American Heart Association (AHA):

Council on High Blood Pressure Research

Council on Kidney in Cardiovascular Disease

Council on Nutrition, Physical Activity and Metabolism

Council on Cardiovascular Disease Epidemiology and Prevention

Interdisciplinary Working Group on Functional Genomics & Translational Biology
 Member of American Society of Human Genetics (ASHG), USA
 Member of American Hypertension Society
 Member of Consortium for Southeastern Hypertension
 Member of the Obesity Society
 Member of American Nutrition Society

NATIONAL GRANT REVIEW ACTIVITIES

2006-2009 Peer Review Committee for the Cardiorenal Section, American Heart Association (AHA)
 2006-2007 PROGENI (Special Emphasis Panel), ZHL1 CSR-K (F1) NHLBI, National Institute of Health (NIH)
 2009 Recovery Act Limited Competition: NIH Challenge Grants in Health and Science Research (RC1) (RFA-OD-09-003)
 2009 PAR-09-185 NHLBI Translational Program Project Grants
 2010 RFA-10-004, Childhood obesity prevention and treatment research consortium (U01)
 RFA-HL-10-005, Childhood obesity prevention and treatment research coordinating unit (U01)
 2009-2011 Peer Review Committee for the Cardiovascular Development Section (CT), American Heart Association (AHA)
 2010 Peer Review Committee for the VA Merit Grant (NURC)
 2011 Peer Review Committee for the VA Merit Grant (NURC)
 2010-present Peer Review, the Food and Health Bureau (FHB), Health and Medical Research Fund (HMRF), Hong Kong
 2012-2014 E-Services Proposals KACST, American Association for the Advancement of Science (AAAS), Washington, D.C.
 2013 ZRG1 Population Sciences and Epidemiology (PSE) 01, NIH
 2013 ZRG1 Population Sciences and Epidemiology (PSE) 02, NIH
 2014 ZRG1 Population Sciences and Epidemiology (PSE R) 01, NIH
 2014 Special Emphasis Panel, the Kidney, Nutrition, Obesity and Diabetes (KNOD) Study Section, NIH
 2015 Population Sciences and Epidemiology (PSE) Integrated Review Group, NIH
 2015 ZRG1 PSE R90 CASE-EPIC twin study sections, NIH
 2015 Vice-Chair of Clinical and Integrative Diabetes and Obesity (CIDO) Study Section, NIH
 2015 Integrative and Clinical Endocrinology and Reproduction Study Section (ICER), NIH
 2015 Special emphasis panel, Endocrinology, Metabolism, Nutrition and Reproductive Sciences IRG (EMNR) ZRG1 EMNR-C, NIH
 2015 NIDDK GRB-J J2 Ancillary Studies in Biomarkers of Diabetes Complications
 2016 NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54) Review Panel (RFA-MD-15-014)
 2016 ZRG1 PSE-U 02 Kidney, Nutrition, Obesity, and Diabetes Epidemiology (KNOD), NIH
 2016 ZRG1 PSE R 56 Secondary Dataset Analyses Study Section, NIH
 2016 NIH Pathway to Independence Award (K99/R00), Special Emphasis Panel, NIMHD
 Nov 2016 NIDDK GRB-J J2 Vitamin D Ancillary Studies
 Nov 2016 R15/AREA, Cardiovascular Differentiation and Development (CDD), NIH
 June 2017 NIMHD Research Centers in Minority Institutions (RCMI) (U54), NIMHD
 October 2017 NIH Mechanisms of Emotion, Stress and Health study section (MESH)

July 2018 PAR 17-004 – Secondary Analyses of Existing Datasets in Heart, Lung, and Blood Diseases and Sleep Disorders, NHLBI
Feb 2019 Epidemiology and Population Sciences Fellowships, NIH
Oct. 2019- Panel member of MESH study section (Three-year term), NIH

JOURNAL REVIEW

Hypertension

American Journal of Hypertension

Lancet

Journal of Human Hypertension

Hypertension Research

International Journal of Cardiology

American Journal of Medical Genetics

Human Genetics

Biological Psychology

Vascular Pharmacology

Psychophysiology

Annals of Human Genetics

International Journal of Obesity

Circulation

Journal of Biomedicine and Biotechnology

Kidney & Blood Pressure Research

American Journal of Physiology-Regulatory, Integrative and Comparative Physiology

American Journal of Clinical Nutrition

Psychosomatic Medicine

Journal of Nutrition and Metabolism

Pediatrics

PLoS ONE

Diabetic Care

Clinical Journal of Hypertension

TEACHING AND SUPERVISION

Mentorship or senior investigator for junior/mid-career faculty:

De-Huang Guo, MD PhD, Research Scientist, MCG, Cell biology, 2007-2012;

Norman Pollock, PhD, Assistant Professor, MCG, Nutrition (AHA clinical fellowship), 2008-2011;

Jennifer White, MD, Assistant Professor, MCG, Endocrinology (Intramural Physician Scientist Award), 2008-2011;

Ryan Harris, PhD, Assistant Professor, MCG, Vitamin D and endothelial dysfunction, 2010;

Gary Peirce, PhD, Assistant Professor, MCG, Integrative physiology (Scientist Training Project), 2011-2012;

Elizabeth Nesmith, PhD, RN, Associate Professor, College of Nursing, cellular aging, vitamin D and trauma, 2011-2014;

Ranjitha Krishna, Assistant Professor, BDS, MSD, MPH, College of Dental Medicine, Vitamin D and periodontal disease, 2012-2016; Joint supervision with Dr. Chris Cutler;

Merry Steward, PhD, RN, Assistant Professor, College of Nursing, Vitamin D and qualitative research, 2013;

Pam Cromer, DNP, FNP-C, Associate Professor, College of Nursing, Nursing education and academia-community partnership, 2013-2017;

Lovoria Williams, PhD, RN, Assistant Professor, College of Nursing, diabetic control, 2013
Lindsey West, PhD, Assistant Professor, Department of Psychology, College of Science and Mathematics, Obesity and psychosocial health, 2013

Mentorship for medical students, nursing students, clinical residents and fellows

Amanda Dempsey, 2nd year medical student, Dean's Student Research, 2006;
Anna Burnett, research nursing student sponsored by NIH/NINR, 2006;
Rachel Barnett, research nursing student sponsored by NIH/NINR, 2006;
Deidre Crocker, MD, Pediatric Fellow, Vitamin D and genetics, 2010-2011;
Lawrence Potter, MD, Pediatric Fellow, Vitamin D and inflammation, 2010-2012;
Pace Johnston, 2st year medical student (summer scholar), 2009;
Grace Mookan, 2st year medical student (summer scholar), 2009;
Vanessa Bundy, Junior class elective, medical student, 3/29-5/2 2010;
Viniya Patidar, 1st year medical student (summer scholar), 2010;
Sagar Y. Patel, 1st year medical student (summer scholar), 2010;
Matthew Belcher, 1st year medical student (summer scholar), 2010;
Harry Powers, 1st year medical student (summer scholar), 2011;
Zachary Farmer, 1st year medical student (summer scholar), 2011;
Michael Pham, 1st year medical student (summer scholar), 2011;
Susan Kim, 1st year medical student (summer scholar), 2012;
Eric Afari, 1st year medical student (summer scholar), 2012;
Kunal Patel, 1st year medical student (summer scholar), 2013;
Nirja Acharya, 1st year medical student (summer scholar), 2013;
Riya Basu, 1st year medical student (summer scholar), 2013;
Grace Patterson, 1st year medical student (summer scholar), 2014;
Tarun Ramayya, 1st year medical student (summer scholar), 2014;
Sajiv Alias, 1st year medical student (summer scholar), 2015;
Jordan Phillips, 2nd year medical student (summer scholar), 2015
Tricia Francisco, 1st year medical student (summer scholar), 2016;
Janice Clarke, 1st year medical student (summer scholar), 2016;
Aarthi Murugappan, 1st year medical student (summer scholar), 2016;
Rachel Azevedo, 1st year medical student (summer scholar), 2016;
Jessica Bilz, 1st year medical student (summer scholar), 2016;
Vishwajeeth Pasham, 1st year medical student (summer scholar), 2016;
Seung Su Lee, 1st year medical student (summer scholar), 2016;
Shivam Patel, 1st year medical student (summer scholar), 2017;
Kurt C. Mueller, 1st year medical student (summer scholar), 2017;
Nitin Venugopal, 1st year medical student (summer scholar), 2017;
Julian Butler, 1st year medical student (summer scholar), 2018;
Aditya Reddy, 1st year medical student (summer scholar), 2018

Mentorship and committee members for graduate students

PhD advisory Committee member: Hui Huang, Salt-sensitive hypertension, 2005-2007;
Main PhD advisor for Ke Li, Cell biology and molecular genetics, 2006-2009;
Reader for PhD dissertation: Vanessa Bundy, Excise physiology, April 2007;
Reader for PhD dissertation: Lashon Sturgis, Interleukin-6 and hypertension, July 2007;
PhD advisory Committee member: Yemei Xing, Adrenal physiology, 2008-2012;
PhD advisory committee: Hicham Labazi, Cell physiology, 2009-2012;
MD/PhD advisory committee: Melinda Beavers, Human hypertension, 2009-2012;
Co-main PhD advisor for Robyn Haven, Vitamin D and obesity, College of Nursing, 2011-present;

PhD advisory committee for M. Loretto Muñoz-Venegas, the genetics of heart rate variability, Department of Epidemiology, University Medical Center Groningen, University of Groningen, 2016;
PhD advisory committee and Chair of the comp exam committee for Marlo Vernon, “How life sciences research in institutions can improve public health through innovation”, College of Allied Health, 2016-2018
PhD advisory committee for Racheal Wood, “Vitamin K and CVD”, 2019-2022

Mentorship for post-doctoral trainees

Yanhui Lu, Post-doctoral fellow, Genetics of human hypertension, June 2004- July 2005;
Lianying He, Post-doctoral fellow, Cell biology, June 2005 – June 2006;
Dongliang Ge, Post-doctoral fellow, Genetics of human hypertension, October 2005 – September 2006; Joint supervision with Dr. Harold Snieder;
Yuande Tan, Post-doctoral fellow, Genetics of human hypertension, 2006 – 2007;
Weili Yan, Post-doctoral fellow, Prehypertension, 2006 – 2008;
Karen Petty, Post-doctoral fellow (T32 training program), Inflammation and childhood obesity, 2008-2010
Samip Parikh, MD, American Board of Internal Medicine research residency track, ENaC and prehypertension, 2010-2015;
Jigar Bhagatwala, MD, American Board of Internal Medicine research residency track, Vitamin D and arterial stiffness, 2011- 2017;
Anas Raed, MD, American Board of Internal Medicine research residency track, Vitamin D and molecular genetics, 2014-present;
Chen Li, Post-doctoral fellow, childhood obesity and hypertension, 2016-present

Other students

Kelly Rabun, high school student summer research 2004;
Cheteka N. Downer, Graduate student 2004;
Elsie Wong, PhD program rotation 2004;
Jennifer Prozonic, PhD program rotation 2005;
Eva Broeckelmann, Summer STAR Program, MCG 2005;
Dina Dunn, Summer high school student, 2005;
Hajra Hasan, Summer undergraduate student 2005;
Sameera Khan, Summer undergraduate student 2005 to 2007;
Gregory Mason, Master degree in experimental psychology 2006-2007;
Jennifer Fortenberry, Master degree in clinical psychology 2009;
Meghan Baynham, MPH 2010;
Ishita Kotak, MPH, 2011;
Jingxian Cai, Mater degree in statistics, 2012;
Terrill McCullum, Kinesiology internship, 2014
Srikrishnan Raju, high school student summer research, 2018

Teaching Classes/Courses

Organizer of seminars at the Georgia Prevention Institute, MCG, 2003-2011
Mentor of the Genetics Mentor Network of the American Society of Human Genetics, 2004-2010;
Lecturer of MCG Graduate Course: SGS 8090 Fundamentals of Genomic Medicine and SGS 8091 Fundamentals of Functional Genomics, 2005-2011
Organizer of Graduate Program in Genomic Medicine (MCG), 2006
Lecturer of Spring Selective for 1st year graduate students (MCG), 2006
Lecturer for PEDS 5085 Spring Medical Students for Community Involvement (SCI) program, 2006 to 2007

PED5085A: Introduction to Pediatric Health Promotion/Disease Prevention Research, 2006-present
 Teaching at the STAR program, GPI rotation, 2007-present
 Mentor for NIH T32 training programs, 2008-2010
 Lecturer for Graduate Course for Translational Genomics and Proteomics 2008
 Participation of NIH T90 training grant for clinical and translational research, 2009
 NURS 8660 Introduction to Research-Nursing PhD course, 2013
 Course director (Concentration courses), MPH in Behavioral Health in preparation, 2013;
 Course teacher, Genetic Epidemiology Certificate Program in preparation, 2014;
 RMEN5000 Metabolic Endocrine Disease, MCG, 2014
 Lecturer of the Capstone Lecture Series in the MPH program at College of Allied Health, Augusta University, Spring 2016
 Essentials of Clinical Medicine Problem Based Learning: PBL ECM1 and ECM2 AY2015-17, MCG

ORAL PRESENTATIONS / INVITED TALKS

- 3/1999 "Use of Single stranded conformation polymorphism analysis to screen for the T594M sodium channel mutation in hypertension", Genetic Society, The University of Warwick, UK
 4/1999 "New genes for hypertension", St. George's Hospital Cardiovascular Research Group Meeting, London, UK
 5/1999 "The sodium channel and hypertension in blacks", The Annual meeting of British Hypertension Society, Oxford, UK
 6/1999 "The importance of epithelial sodium channel mutations in hypertension in subjects of African origin", Ninth European Meeting on Hypertension, Milan, Italy
 7/1999 "Association between the C825T polymorphism of the G-protein $\beta 3$ subunit gene and hypertension in blacks", The 4th Annual Meeting of the European Council for Blood Pressure and Cardiovascular Research (ECCR), The Netherlands
 11/1999 "The C825T G-protein polymorphism in hypertension", London Hypertension Society, London, UK
 2/2002 "The G-proteins and cardiovascular diseases", Cardiovascular Research Group, St. George's Hospital Medical School, London, UK
 3/2004 Invited speaker at Pre-Conference Workshop "Genetic Epidemiology in Psychosomatic Disorders", 62nd Annual Scientific Meeting of the American Psychosomatic Society, March 3-6 2004, Orlando
 Talk 1: Introduction to Molecular Genetics
 Talk 2: Getting Started: Laboratory Methods
 6/2004 Pediatrics Grand Rounds: "Sympathetic nervous system genes and hypertension"
 10/2004 Invited Speaker at Pre-Conference Workshop, October 20-24, 44th Annual Meeting of the Society for Psychophysiological Research, Santa Fe
 Talk 1: Genetic Research in the Psychophysiological Laboratory
 Talk 2: DNA Collection, Storage and Processing
 12/2004 MCG Vascular Biology Center (VBC) seminar: The G-protein: An Alternative Candidate Gene Approach For Human Hypertension
 3/2005 MCG Pediatric Research Seminar, "GRK4 Gene Variation and Blood Pressure"
 5/2005 Invited talk, "Renal Dopaminergic Deficiency: GRK4 Genetic Variation Affects Blood Pressure in Young Normotensives" by the School of Medicine, the Emory University, Atlanta
 10/2005 Department of Physiology, "Interleukin-6 polymorphism and stress induced pressure natriuresis in humans", MCG

- 10/2005 Invited oral presentation, “Interleukin-6 polymorphism and stress induced pressure natriuresis in black youth”, Department of Biology and Geology, University of South Carolina, Aiken
- 11/2005 Biochemistry and Molecular Biology Seminar, “Interleukin-6 and stress induced pressure natriuresis in black youth”, MCG
- 1/2006 Pediatrics Grand Rounds, “Inflammation and stress induced pressure natriuresis”, MCG
- 3/2006 Pediatrics Research Seminar, “Sodium channels: a potential for translational research of hypertension”, MCG
- 5/2007 Pediatrics Grand Rounds, “The Problem of Excess Weight in Adolescents and Youth”, MCG
- 5/2007 Augusta District Dietetic Association Spring Workshop, “Nutrigenomics – An Emerging Science For Achieving Optimum Health Through Personalized Nutrition”, University Hospital, Augusta, Georgia
- 5/2007 “Cardiovascular Phenotypes in American Youth At Risk Of Overweight”, XVIIIth session of the Inter-American Society of Hypertension, Miami, Florida
- 9/2007 “Adhesion Molecule Polymorphisms and Pulse Wave Velocity in American Youth” 61th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research, Tucson, AZ
- 9/2008 “Angiotensin II modulates renal epithelial sodium channel activity partially through proteolysis in M-1 cortical collecting duct cells”. 62nd High Blood Pressure Research Conference 2008
- 2/2008 “Stress-induced salt sensitivity, a precursor to CKD”, the 13th Annual James B. Hudson Nephrology Update, the National Kidney Foundation, the Augusta Marriott Hotel, Augusta, Georgia
- 3/2009 “Dietary vitamin D intake is associated with body fat percentage and visceral fat in healthy adolescents”. 49th Cardiovascular Disease Epidemiology and prevention, and Nutrition, Physical activity and Metabolism, March 10-14, 2009, Palm Harbor, Florida.
- 4/2009 Pediatrics Grand Rounds, “The sunshine vitamin (D): a D-Lightful story in Augusta”, MCG
- 10/2009 “Low vitamin D, adiposity and diabetic risk in black and white adolescents residing in the Southeast” *The Obesity Society 2009 Annual Scientific Meeting*, Washington, DC, Washington DC, October 24-October 28, 2009 (***Platform oral presentation Session ID 166320***)
- 11/2009 “Urinary prostaticin: a possible biomarker and mechanism for hypertension”, invited talk at the “The 2st Sun Yat-Sen Cardiovascular Forum 2009” GuangZhou, China.
- 5/2010 Invited talk: “Vitamin D and cardiovascular risks in adolescents”, Emory School of Medicine, Atlanta, Georgia
- 11/2010 “A 16-week randomized clinical trial of 2,000 IU daily vitamin D3 supplementation in black youth: 25-hydroxyvitamin D, body mass index, and arterial stiffness”, American Heart Association Scientific Sessions, Chicago
- 4/2011 “Vitamin D3 supplementation increases leukocyte telomerase activity in healthy African Americans.” *The Experimental Biology*, the American Society for Nutrition, Washington, DC
- 9/2011 “Possible vascular ENaC inhibition by amiloride in young overweight prehypertensives”, 2011 American Physiological Society Conference, Pacific Grove, California
- 11/2011 “Adverse cardiovascular characteristics of prehypertension”, invited talk at World Hypertension League Regional Congress, Beijing, China, 2011

- 11/2011 “Prehypertension in American youth”, invited talk at the “The 4th Sun Yat-Sen Cardiovascular Forum 2011” GuangZhou, China
- 11/2011 “Potential anti-aging and epigenetic effects of vitamin D”, invited talk at the Fundan University Children Hospital, Shanghai, China
- 03/2012 “Vitamin D in African Americans: Role of cellular aging and epigenetics”, invited talk at the Boston Medical Centers Endocrinology Grand Rounds series, Boston University School Medicine
- 10/2013 “Cardiometabolic Risks in Hispanic Farm-Workers: A Health-Fair Model Study in the Southeastern Region”, College of Nursing Center for Nursing Research (CNR) Seminar
- 03/2014 "Cardiometabolic Risks in Hispanic Farm-Workers: A Health-Fair Model Study in the Southeastern Region" at the Georgia Public Health Association (GPHA) Annual Meeting, March 10-11, 2014, Atlanta.
- 04/2014 “Identifications of novel epigenetic mechanisms of vitamin D in African Americans: cross-sectional and interventional approaches”, the International Conference: Vitamin D and Human Health: From the Gamete to the Grave, Queen Mary University of London, 23rd–25th April 2014
- 04/2014 “Epithelial Sodium Channel Inhibition by Amiloride on Blood Pressure and Cardiovascular Risk”, University of South Carolina School of Medicine in Greenville
- 03/2016 “Maternal vitamin D supplementation and cord blood genome-wide DNA methylation analysis” 19th Vitamin D Workshop, March 29-31, Boston
- 03/2016 Invited lecture titled “Vitamin D Supplementation and Epigenetics” at Department of Epidemiology, University Medical Center Groningen, University of Groningen, the Netherlands
- 3/2017 Invited Speaker “Vitamin D and Human DNA Methylation: Global and Genome-wide Studies” on the scientific workshop “Vitamin D in the Prevention of Health Disparities during Pregnancy and Early Infancy” Medical University of South Carolina, Charleston, SC
- 2/2018 Invited Speaker “Vitamin D and Health in the Northeastern Region of China”, China Medical University, Shenyang, Liaoning.

RESEARCH FUNDING

Ongoing Grants

1R01HL136630-01 Dong (PI) 02/01/2018 – 01/31/2021 \$2,320,842

NIH/NHLBI

Early Life Stress, Damage Associated Molecular Patterns, and Cardiovascular Risk

Critical knowledge gaps remain regarding whether these circulating danger molecules are involved in the psychopathological process. In this proposal, we will take advantage of our existing longitudinal Georgia Stress and Heart (GSH) cohort, which provides multiple repeated measures of early life stress, blood pressure (BP) and CVD risk factors as well as bio-sample collection from childhood to adulthood. Successful completion would provide novel molecular mechanisms and biomarkers for early life stress and high BP regarding damage associated molecular patterns.

P01 HL69999 Program Project Grant Gregory Harshfield (PI) 4/1/14-6/1/19 \$10,077,859

Stress Related Mechanisms of Hypertension Risk

NIH/NHLBI

The major objectives of this program are to 1) define mechanisms that promote hypertension induced

by stress, 2) determine the regulation of these mechanisms in high-risk populations, 3) translate findings between animal and human studies, and 4) translate our research into patient populations. The Bioassay Core will provide biochemical assay, FACS analyses, histological, and immunohistochemical services for all the three individual projects within the Program Project Grant. Core-PI of the Bioassay Core (\$1,850,423)
Co-Investigator of Program Project 1

1R01 HL131674-01 Dong (Contact PI)/Zhu (Co-PI) 08/19/2016-08/18/2020 \$2,435,800
NIH/NHLBI

Effects of Vitamin D and Omega-3 Supplementation on Telomeres in VITAL

This goal of this study is to test the hypothesis that vitamin D and/or marine omega-3 improves cellular aging in 1,054 CTSC participants of the on-going VITamin D and Omega-3 Trial (VITAL). This study proposes to examine the effects of vitamin D and/or omega-3 supplements on leukocyte telomere length (LTL) attrition at baseline, Year 2, and Year 4. We will also investigate their effects on the longitudinal interrelationships among inflammatory cytokines, cardiovascular risk, and LTL attrition.

Completed Grants

PG/97048 Baker (PI) 10/1997 – 10/1999

British Heart Foundation (BHF)

Epithelial sodium channel abnormalities in hypertension in people of African descent

Two approaches will be taken to establish the importance of sodium channel variants in black hypertension. The frequency of variants of the sodium channel α, β, γ subunits will be established in black hypertensives and normotensives. Sodium channel function will be compared in subjects with and without the variants by measurement of maximal transmucosal electrical nasal potential differences before and after the application of amiloride.

Role: Co-Investigator

PG/98090 Baker (PI) 10/1998 – 10/2000

British Heart Foundation (BHF), UK

Investigation of the T594M mutation of the epithelial sodium channel as a cause of high blood pressure and target for treatment in black subjects with hypertension

The aim of this study is to investigate the clinical effect of the T594M sodium channel polymorphism which we have previously identified in 8% of black hypertensives. Blood pressure and assessment of sodium channel activity (transmucosal electrical nasal potential differences) will be compared between affected and unaffected offspring of probands with the polymorphism.

Role: Co-Investigator

PG/200040 Dong (PI) 08/2000 – 08/2003

British Heart Foundation (BHF), UK

Investigation of genetic determinants of sodium channel activity as a cause of high blood pressure in African-Caribbean people

This project grant is to further investigate the contribution made by sodium channel abnormalities to the development of high blood pressure in black hypertensive patients. Genomic structure of the sodium channel regulatory protein (Nedd 4) will be characterized by 5' RACE and Genome Walker technique and long range PCR. Polymorphisms in Nedd 4 gene will be screened in black hypertensive subjects with physiological evidence of sodium retention or increased sodium channel activity. The functional effects of genetic variants on promoter activity will be studied by CAT

expression in vitro. TDT (transmission disequilibrium test) analysis will be used in affected families.

QK.01.12.74 Dong (PI) 03/2002 – 03/2003
St George's Charitable Foundation, London, UK
Genotyping and functional analysis of genes responsible for the arginine-nitric oxide pathway in cerebral small vessel disease
The major objective of this grant is to screen variation in genes encoding for arginine – nitric oxide pathway in a large number of patients with cerebral small vessel disease. The function of variants in the promoter regions of arginase genes will be determined by luciferase reporter gene in vitro. Serum nitrate will be measured in individuals carrying functional polymorphisms.

Program Project Grant P01 HL69999 Treiber (PI) 07/01/02 - 06/30/08 \$9,918,831
NIH/NHLBI
Stress-induced mechanisms of hypertension risk
This program project application consist of an integrated multidisciplinary program including 4 closely related projects examining the roles of stress, lifestyle behaviors and genetic polymorphisms in the development of preclinical measures of essential hypertension. Three vasoactive pathways will be examined which may link exaggerated cardiovascular (CV) reactivity and delayed CV recovery from stress to development of preclinical measures of essential hypertension.
Role: PI of the Genetics Core, and Co-Investigator of Project 1

GCORD Snieder (PI) 09/10/03 - 09/09/04 \$50,000
Georgia Biomedical Initiative Grant for the Prevention of Obesity and Related Disorders
Gene-Environment Interaction and Obesity Risk in Youth
The specific aims of this project are to test the hypotheses that: Haplotypes in 4 candidate genes for obesity (ADRB2, NOS3, APOB, LDLR) are associated with percent body fat (%BF) by dual-energy x-ray absorptiometry (DXA) and visceral adipose tissue (VAT) by magnetic resonance imaging (MRI) in youths.
Role: Co-Investigator

AHA 0430078N Dong (PI) 01/01/04 - 12/31/07 \$260,000
American Heart Association (AHA)
Environmental stress exposure and genetic predisposition for hypertension risk in young twins
The primary aims of this study are to determine the role of the polymorphisms of candidate genes of the sympathetic nervous system on: 1) systolic blood pressure (SBP) at rest and in response to two acute behavioral stressors (i.e., SBP reactivity) in youth; 2) racial differences in resting SBP and SBP reactivity in youth.

HL076723-01 Dong (PI) 06/01/04 - 05/31/07 \$286,000
NIH/NHLBI
Genetics and cardiovascular reactivity in young twins
Cardiovascular responses are regulated by multiple adrenoceptor subtypes with structural homology. Effects from genetic variants in all the nine adrenergic receptor subtypes however have never been examined in a single study. We aim to reveal the effects of genetic variants in all of the nine adrenergic receptor subtype genes, alone or in combination, on cardiovascular reactivity (CVR) and other quantitative cardiovascular traits in a population of >1,000 healthy youth.

AHA 0435146N Zhu (PI) 07/01/04 - 06/30/08 \$260,000
American Heart Association (AHA)

Interaction between genetic predisposition and environmental stress on renal sodium excretion for hypertension risk in young twins

The overall goal of this project is to identify genes related to impaired stress-induced pressure natriuresis (SIPN). All the candidate genes for evaluation are within the renin-angiotensin-aldosterone pathway.

Role: Co-Investigator

Miriam Hospital	Dong (PI)	01/01/06 – 12/31/06	\$4,500
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Genetic Admixture and Emerging Cardiovascular Risk in the African American Youth in the Maternal Lifestyles Study.

1 R15 NR008871-01A2	Tingen (PI)	04/01/06 - 03/31/07	\$219,250
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NIH/NINR

ETS exposure and genetics: youth at risk for CV disease

The overall goal of this project is to explore relationships among genetics, environmental tobacco smoke exposure, and preclinical markers of cardiovascular disease.

Role: Co-Investigator

5 R01 HL077230-2	Dong (PI)	04/05/06 - 08/31/12	\$1,435,852
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NIH/NHLBI

Genetics of stress induced hypertension in black youth

The major goal of this project is to determine the role of polymorphisms of genes involved in sodium-handling cascade on dynamic regulation of sodium homeostasis and blood pressure under stress in blacks.

5R21 HL085817-02	Zhu (PI)	08/15/06 - 07/31/08	\$289,279
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NIH/NHLBI

Inflammatory factors, genes and stress induced pressure natriuresis in youth

The major goal of this project is to determine the role of interleukin-6 pathway on the dynamic regulation of sodium homeostasis and blood pressure under stress in youth.

Role: Co-Investigator

IRP00105W003A	Dong (PI)	09/01/06 – 08/30/07	\$67,877
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Interdisciplinary Research Program (MCG)

Lymphocyte sodium channels and stress induced pressure natriuresis in black youth

Enhanced epithelial sodium channel activity is hypothesized to be a cause of impaired stressed induced pressure natriuresis in black youth. Recent data show that the peripheral blood lymphocytes express ENaC, and the lymphocyte ENaC is functionally identical to the renal ENaC. Human renal ENaC function can thus be indirectly assessed by examination of lymphocytes. Hyperactive lymphocyte ENaC in response to stress may identify young individuals susceptible to the development of salt sensitive hypertension.

Program Project Grant P01 HL69999	Harshfield (PI)	02/01/08 - 02/13/13	\$10,555,525
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NIH/NHLBI (Core BG) \$847,571

Stress-induced mechanisms of hypertension risk

This program project grant consist of an integrated multidisciplinary program including 4 closely related projects examining the roles of stress, lifestyle behaviors and genetic polymorphisms in the development of preclinical measures of essential hypertension. New to the renewal application will be the incorporation of adiposity (obesity) as a mediating factor in the gene and environment interaction model.

Role: PI of the Bioassay Core; Co-Investigator of Project 1

1R15 HL091476-01 Dodani (PI) 01/01/09 - 12/31/11 \$225,000
NIH/NHLBI
Coronary artery disease risk factors in South Asian immigrants: determination of dysfunctional HDL and ApoA-1 gene polymorphisms
The overall goal of this study is to better understand the risk factors of CAD in South Asian immigrants.
Role: Co-Investigator

Programmatic Grant Program Harshfield (PI) 03/2009 - 02/2010 \$20,000
Obesity Related CV Risk in Youth
Diabetes & Obesity Discovery Institute, Medical College of Georgia
Role: PI of Project 2-Vitamin D Status, Obesity and Cardiovascular Dysfunction in Children and Adolescents Residing in the Southeastern United States.

1 R21 HL091284-01 Young-Hyman (PI) 04/01/09 - 04/01/11 \$404,250
NIH/NHLBI
Creation of eating/physical activity environment by new mothers
We propose a prospective observational cohort study assessing lifestyle changes as new mothers create the eating and physical activity environment for their baby, either increasing the risk for or preventing the development of overweight. We will also explore gene-environment associations between postpartum weight retention, physical environment and parenting stress.
Role: Co-Investigator

University of Groningen Dong (PI) 12/01/09 – 11/30/10 \$11,985
Genotyping for International Consortium of Blood Pressure

3R01 HL087923-03S1 Davis (PI) 04/01/10 - 07/31/13 \$1,158,510
NIH/NHLBI
Exercise & non-alcoholic fatty liver disease in overweight children
The broad, long-term objectives of this application are to provide evidence about the potential health benefits of regular aerobic exercise in overweight children, who are therefore at increased risk for nonalcoholic fatty liver disease and atherosclerosis.
Role: Co-Investigator

CVDI Seed Award Zhu (PI) 07/01/10 - 06/30/11 \$50,000
Cardiovascular Discovery Institute/Medical College of Georgia
Novel genetic mechanisms of angiotensin II receptor blocker in young African American adults
The goal is to test if changes in telomerase activity are associated with changes in hTERT DNA methylation.
Role: Co-I

CHDI002010 Pilot Award Dong and Ownby (Co-PI) 07/01/10 – 06/30/11 \$40,000
Child Health Discovery Institute/MCG
Effect of Vitamin D in asthmatic patients residing in Georgia: a pilot, open-labeled and non-placebo clinical trial. A total of 50 African American asthmatic patients will be randomized into two groups: 400 versus 2,000 IU/day.

1K01NR011471-01A1 Nesmith (PI) 09/15/10 - 09/14/13 \$280,444

NIH/ NINR

Accelerated biologic aging and risk for sepsis and organ failure following trauma

The long-term goal of this research is to examine underlying bio-behavioral mechanisms and associated genetic changes which could affect pre-trauma immune function and lead to poor post-trauma outcomes.

Role: Consultant

Clinical Research Award Dong and Houk (Co-PI) 05/01/11 - 07/01/12 \$50,000

Diabetes & Obesity Discovery Institute, Medical College of Georgia, GRU

Identifications and trajectories of biomarkers predicting the risk of developing pre-diabetes and/or diabetes in a high-risk group of obese and overweight in youth and adults: systems biology approach.

Intramural Grant Program Dong (PI) 08/01/12 - 07/31/13 \$26,864

Georgia Regents University Extramural Success Award

Vitamin D induces open chromatin changes (A Pilot Study)

We aim to 1) set up the open chromatin and RNA-seq technology and 2) provide further evidence that vitamin D can induce DNA methylation changes in PBMCs; 3) validate the statistical analysis method to integrate whole genome methylation and RNA-sequencing data to identify candidate CpG sites; 4) DNA methylation changes can correlate with chromatin structure changes.

GRU Interdisciplinary Collaborative Initiatives Dong (PI) 09/01/12-08/30/14 \$25,000

Novel Strategies for prevention of diabetic vascular dysfunction

The goal is to supplement and support the R24 DK094765-01 NIH/NIDDK in the recruitment and testing of young African American subjects with prediabetes, in response to the request of an increase in the sample size by NIH reviewers.

1R24DK094765-01 (Seed grant) Caldwell/Dong (Multi-PIs) 09/01/12 – 09/1/15 \$449,250

NIH/NIDDK

Novel strategies for prevention of diabetic vascular dysfunction

Our working hypothesis is that increased arginase and indoleamine 2,3-dioxygenase (IDO) activity cause vascular endothelial dysfunction and inflammatory injury by a positive feedback cycle of inflammatory cytokine production and oxidative stress. We will use rodent models and translational experimental approaches to assess function of vascular and bone marrow derived cells in human subjects who are insulin resistant and pre-type 2 diabetic, in mice with obesity/type 2 diabetes, and in cultured cells.

Role: Co-PI

14GRNT20480211 AHA-Grant-in-Aid Dong (PI) 7/1/2014-6/30/2017 \$164,634

Vitamin D Methylome and CVD Risk Profile

American Heart Association

The goal of this project is to identify the differential methylation sites in African Americans with severe vitamin D deficiency by means of genome-wide approach (EWAS) and examine whether these methylation changes mediate cardiometabolic risk factors.

Community Partnership Award (Multi-PIs) Dong (contact PI) 07/01/13 –07/01/17 \$50,000

IPPH (Institute of Preventative and Public Health, Georgia Regent University)

Cardiometabolic risks in Hispanic farm-workers: a health-fair model study in the Southeastern region.

We aim to characterize the longitudinal progression of cardiometabolic risks in young Hispanic migrant farm-workers by means of the annual Costa-Layman Health Fairs through community health

partnership.

PAPERS UNDER REVIEW OR REVISION

Chen L, Zhu HD, Harshfield G, Treiber FA, Pollock J, Pollock D, Okereke O, Su S and **Dong YB**. PSY18-418: Serum 25-hydroxyvitamin D concentrations are associated with mental health and psychosocial stress in young adults. *Psychosomatic Medicine*, 2018, under review

Chen L, Zhu HD, Gutin B, Sesso HD, and **Dong YB**. Higher Chocolate Intake is Associated with Longer Telomere Length among Adolescents. *Pediatric Research*, 2018, under review

Zhu HD, Wagner CL, Chen L, Wang XL, Shary JR, Pan Y, Hollis BW, and **Dong Y**. Effect of Maternal Vitamin D Supplementation on Newborn's Epigenome: An Epigenome-Wide Association Study. *Clinical Epigenetics*, 2018, under review.

Raed A, Bilz J, Cortez-Cooper M, Zhu HD, Stewart D, Cromer P, Mazzoli A, Layman D, and **Dong Y**. Handgrip and Sex-Specific Cardiometabolic Risk in Hispanic Farmworkers. *AIMS Public Health*, 2018, under revision.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

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2. Li F, **Dong Y**, Che DA and Zhang HQ. Hypoxia induced the expression of the PDGF-B chain / C-sis gene in endothelial cells. *Chinese Journal of Pathophysiology*, 1996; 12: 562-564.
3. Baker EH, **Dong Y**, Sagnella GA, Rothwell M, Onipinla AK, Markandu ND, Cappuccio FP, Cook DG, Persu A, Corvol P, Jeunemaitre X, Carter ND and MacGregor G. Association of hypertension with T594M mutation in β subunit of epithelial sodium channels in black people residents in London. *Lancet*, 1998; 351:1388-1392. (Impact Factor: 53.254)
4. **Dong Y**, Baker EH, Sagnella GA, Carter ND and MacGregor GA. Use of single-strand conformation polymorphism analysis to screen for the T594M sodium channel mutation. *Biochemical Society Transactions*, 1998; 26: s393. (Impact Factor: 3.394)
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8. **Dong Y**. The G protein $\beta 3$ subunit polymorphism in human hypertension (Editorial review).

International Journal of Cardiology, 2000; 73:197-198. (Impact Factor: 4.034)

9. **Dong Y**, Zhu H, Baker EH, Sagnella GA, MacGregor GA, Carter ND, Wicks PD, Cook DG and Cappuccio FP. T594M and G442V polymorphisms of the epithelial sodium channel β subunit and hypertension in a black population. *Journal of Human Hypertension*, 2001; 15: 425-430. (Impact Factor: 2.433)
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COMMUNITY ACTIVITIES

Volunteer fundraiser for American Heart Association

Volunteer fundraiser for American Cancer Society

Leader of Costa-Layman Health Fairs

HOBBIES

Running, playing Badminton, cycling, singing, and traveling