

CURRICULUM VITAE (October 2025)

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EDUCATION: Columbia University, New York, New York
B.S., Biological Sciences, 1991

Baylor College of Medicine, Houston, Texas
Ph.D., Molecular Genetics, 2000

University of Texas Health Science Center at Houston School of Public
Health, Houston, Texas
M. P. H., Disease Control, 2002

ACADEMIC HONORS: *Magna cum laude*; Phi Beta Kappa
Columbia University, New York, New York

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PROFESSIONAL EXPERIENCE:

2005-present	University of Texas Health Science Center at Houston School of Public Health, Houston, Texas Department of Epidemiology, Human Genetics and Environmental Sciences Human Genetics Center Assistant Professor
2001-2005	Baylor College of Medicine, Houston, Texas Department of Molecular and Human Genetics Postdoctoral Associate Dr. Arthur L. Beaudet
1993-2000	Baylor College of Medicine, Houston, Texas

Department of Molecular and Human Genetics
Predoctoral Program
Dr. Arthur L. Beaudet

- 1993 M.D. Anderson Cancer Center, Houston, Texas
Department of Experimental Pediatrics/Medical Genetics
Research Trainee
genetic epidemiology of breast cancer in the Li-Fraumeni
familial cancer syndrome
Dr. Louise C. Strong
- 1991 Columbia University, New York, New York
Department of Biological Sciences
Research Trainee
late onset neurodegeneration in the nematode *C. elegans*
Dr. Martin Chalfie
- 1981-1988 Memorial Sloan-Kettering Cancer Center, New York, New York
Departments of Immunology and Pathology
Research Assistant
proliferation and differentiation of hematopoietic cells
Drs. Jen-Wei Chiao and Michael Andreeff

ABSTRACTS:

1. Chiao JW, **Bressler J**, Pinsky C, Hirshaut Y, Oettgen HF, Clarkson B (1982) Induction of differentiation of HL-60 leukemic cells by post-endotoxin serum. Proc Am Assoc Cancer Res. 23:43.
2. Andreeff M, Slater DE, **Bressler J**, Furth ME (1985) Cellular oncogene expression measured by flow cytometry in a hematopoietic cell line. UCLA Symposium on Molecular and Cellular Biology: Leukemia; Keystone, Colorado
3. Andreeff M, Bokemeyer C, Verbeek W, **Bressler J** (1987) Flow cytometric studies of *c-ras* gene expression and DNA content in human leukemia. Blood 70: Suppl.1, 273a.
4. Hegewisch S, **Bressler J**, Haimi J, Souza L, Welte K, Andreeff M (1988) Induction of differentiation by granulocyte and granulocyte-macrophage colony-stimulating factor and cytosine arabinoside in the human myeloid leukemic cell line KG-1. Proc Am Assoc Cancer Res. 29:368.
5. Cattanaach BM, Barr J, Beechey CV, **Bressler J**, Sutcliffe JS, Beaudet AL, Martin J, Noebels JL, Jones J (1996) A mouse model for Angelman syndrome. Am J Hum. Genet. 59 Suppl., A59.

6. Tsai TF, Jiang YH, **Bressler J**, Beaudet AL (1997) Generation of mouse models for Prader-Willi syndrome by Cre/*loxP*-mediated chromosomal deletion. *Am J Hum Genet.* 61 Suppl., A322.

7. **Bressler J**, Tsai TF, Ortiz M, Beaudet AL (1998) Targeted deletions to localize an imprinting center on mouse chromosome 7. *Am J Hum Genet.* 63 Suppl., A321.

8. Tsai TF, Jiang YH, **Bressler J**, Beaudet AL (1998) Paternal deletion from *Snrpn* to *Ube3a* causes hypotonia, growth retardation and partial lethality in the mouse: Evidence for a Prader-Willi gene. *Am J Hum Genet.* 63 Suppl., A343.

9. **Bressler J**, Tsai TF, Beaudet AL (1999) Analysis of an imprinting control center on mouse chromosome 7 by targeted deletions. *Am J Hum Genet.* 65 Suppl., A51.

PLATFORM PRESENTATION

10. **Bressler J**, Tsai TF, Beaudet AL (2000) Targeted deletions in the mouse to localize *cis* elements controlling imprinting in the Prader-Willi/Angelman syndrome region. *Am J Hum Genet.* 67 Suppl., 18. PLATFORM PRESENTATION

11. Jiang YH, **Bressler J**, Liu Q, Beaudet AL (2002) Tissue-specific DNA methylation correlates with brain-specific imprinting of the Angelman gene, UBE3A. *Am J Hum Genet* 71 Suppl., 168. PLATFORM PRESENTATION

12. Rahbar MH, Loveland KA, Samms-Vaughan M, Boerwinkle E, **Bressler J**, del Junco D, Pearson DA, Assassi P, Pellington S, Grove ML, Bloom K, Beecher C, Brooks K, Ardjomand-Hessabi M (2010) Gene-environment related epidemiological research on autism in Jamaica. International Meeting for Autism Research, Philadelphia, Pennsylvania

13. Rahbar MH, Samms-Vaughan M, Loveland KA, Boerwinkle E, **Bressler J**, Pearson DA, Pellington S, Beecher C, Grove ML, Ardjomand-Hessabi M, Bloom K (2011) Paternal and maternal age are jointly related to autism spectrum disorders in Jamaican children. International Meeting for Autism Research, San Diego, CA

14. Ibrahim-Verbaas C, Debette S, **Bressler J**, Schuur M, Smith AV, Bis J, Davies G, Petrovic K, Kirin M, Zgaga L, Hayward C, Yang Q, Schmidt H, Breteler M, Wilson J, Seshadri S, Schmidt R, Fitzpatrick A, Deary I, van Duijn C, Ikram M, Launer L, Mosley T (2011) Genome wide association study of executive function. *Alzheimer's and Dementia* 7:Suppl. S186-S187.

15. Debette S, Schmidt H, Wilson J, Srikanth V, Zgaga L, Kirin M, Yu L, Stankovich J, Yang Q, Schmidt R, Hayward C, Campbell H, **Bressler J**, Davies G, Bis J, Petrovic K, Bennett D, Seshadri S, Smith AV, Ibrahim-Verbaas C, Mosley T, Ikram M, Schuur M, van Duijn C, Breteler M, Deary I, Launer L, Fitzpatrick A (2011) Genome-wide association study of memory performance. *Alzheimer's and Dementia* 7:Suppl. S93.

16. Rahbar MH, Samms-Vaughn M, Loveland KA, Arjomand-Hessabi M, Chen Z, **Bressler J**, Pellington S, Grove ML, Bloom KM, Pearson DA, Lalor GC, Boerwinkle E (2012) Seafood consumption and blood mercury concentrations in Jamaican children with and without autism spectrum disorders. International Meeting for Autism Research, Toronto, Canada
17. Demerath EW, Guan W, Pankow JS, Grove ML, North K, Fornage M, **Bressler J**, Mosley TH, Boerwinkle E (2013) Genome-wide methylation study of body mass index (BMI) in African American adults: preliminary data from the ARIC study. American Heart Association Epidemiology and Prevention & Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, New Orleans, LA
18. Pankow JS, Demerath EW, Guan W, **Bressler J**, Fornage M, Hicks C, Mosley TH, Boerwinkle E (2013) Epigenome-wide methylation profiling in a CVD cohort: the ARIC study. American Heart Association Epidemiology and Prevention & Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, New Orleans, LA
19. Rahbar MH, Samms-Vaughn M, Ma J, **Bressler J**, Loveland KA, Arjomand-Hessabi M, Dickerson AS, Grove ML, Shakespeare-Pellington S, Beecher C, McLaughlin W, Boerwinkle E. Interaction between GSTT1 and GSTP1 as a modulator of risk for autism spectrum disorders. Translational Science 2014 Meeting, Washington, DC
20. Nguyen S, Guan W, Grove ML, **Bressler J**, Li Y, Fornage M, Boerwinkle E, North KE, Pankow JS, Demerath EW (2016) Adiposity-related DNA methylation as a predictor of coronary heart disease in adult African-Americans: The Atherosclerosis Risk in Communities Study. American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2016 Scientific Sessions, Phoenix AZ
Roger R. Williams Award for Genetic Epidemiology and the Prevention and Treatment of Atherosclerosis.
- 21 Raina A, Zhao X, **Bressler J**, Gottesman R, Grove M, Guan W, Pankow J, Boerwinkle E, Mosley T, Fornage M. Cerebral small vessel disease and the epigenetic clock. American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2016 Scientific Sessions, Phoenix AZ
22. **Bressler J**, Davies G, Fawns-Ritchie C, Smith AV, Bis JC, Smith JA, Yanek LR, Marioni RE, Huffman JE, Polasek O, Mirza SS, van der Lee SJ, Grove ML, Boerwinkle E, Launer LJ, Fitzpatrick AL, Fornage M, Turner ST, Kardi SLR, Nyquist P, Becker D, Porteous DJ, Hayward C, Campbell H, Rudan I, Ikram MA, van Duijn CM, Seshadri S, Mosley TH, Deary IJ. Association of low-frequency and rare coding variants with information processing speed. Alzheimer's Association International Conference 2016, Toronto, Canada
23. Guan W, Chen Q, Pankow JS, Demerath EW, **Bressler J**, Grove ML, Fornage M. An epigenome correlation map using Infinium 450 DNA methylation array (Program

Number 1663) Presented at the 67th Annual Meeting of the American Society of Human Genetics, October 18, Orlando, Florida

24. Justice A, Lim E, Grove ML, Heard-Costa N, Guan W, **Bressler J**, Fornage M, Boerwinkle E, Li Y, Demerath EW, Whitsel EA, Gordon-Larsen P, Howard A, Cupples LA, Liu C, North KE. Methylation-wide association study of sex-specific methylation effects on central adiposity (Program Number 1550T) Presented at the 67th Annual Meeting of the American Society of Human Genetics, October 19, Orlando, Florida

25. Guan W, Bai Y, Pankow JS, Demerath EW, **Bressler J**, Grove ML, Fornage M. Incorporate measurement errors in epigenome-wide association studies (Program Number 1966) Presented at the 68th Annual Meeting of the American Society of Human Genetics, October 17, 2018, San Diego, California

26. Lahti J, Tuominen S, Yang Q, Medland S, Painter J, Gerring Z, Derks J, **Bressler J**, Mosley T Jr, van Duijn C, Launer LJ, DeBette S, Deary I, Seshadri S, Raikonen K; CHARGE Consortium Cognitive Working Group. Genome-wide meta-analyses reveal novel loci for verbal short-term memory and learning and show genetic correlation with schizophrenia, Alzheimer disease, and type 2 diabetes (Program Number 1948) Presented at the 68th Annual Meeting of the American Society of Human Genetics, October 18, 2018, San Diego, California

27. Castellani CA, Longchamps RJ, Sumpter JA, Newcomb CE, Lane JA, Grove ML, **Bressler J**, Brody JA, Floyd JS, Taylor KD, Tin A, Coresh J, Pankow JS, Fornage M, Guallar E, O'Rourke B, Pankratz N, Sotoodehnia N, Boerwinkle, Arking DE. Mitochondrial DNA copy number (mtDNA-CN) influences DNA methylation at CpGs associated with neuroactive ligand-receptor pathway interactions. (Program Number 2441) Presented at the 68th Annual Meeting of the American Society of Human Genetics, October 17, 2018, San Diego, California

28. Sarnowski C, Chen H, Biggs ML, Wassertheil-Smoller S, **Bressler J**, Irvin MR, Ryan KA, O'Connell JR, Fardo DW, Karasik D, Keil DP, Murabito J, Lunetta K; the TOPMed Longevity and Healthy Aging Working Group. Association analysis of handgrip strength in targeted loci from GWAS using targeted measures and whole-genome sequence data from the Trans-Omics for Precision Medicine (TOPMed) Program (Program Number 2854) Presented at the 69th Annual Meeting of the American Society of Human Genetics, October 15, 2019, Houston, Texas

29. Nguyen S, Guan W, **Bressler J**, Grove ML, Xia R, Wang Z, Fernandez-Rhodes L, Justice A, Li Y, Whitsel E, North KE, Fornage M, Boerwinkle E, Pankow JS, Demerath EW. Metabolically healthy obesity and accelerated epigenetic age in African American adults: The Atherosclerosis Risk in Communities (ARIC) Study. American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2020 Scientific Sessions, Phoenix AZ

30. Nguyen S, Guan W, **Bressler J**, Grove ML, Xia R, Wang Z, Fernandez-Rhodes L, Justice A, Kucharska-Newton A, Palta P, Li Y, Whitsel E, North KE, Fornage M, Boerwinkle E, Pankow JS, Demerath EW. DNA methylation measures of aging in midlife are associated with frailty components in African American and European American older adults: The Atherosclerosis Risk in Communities (ARIC) Study. American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2020 Scientific Sessions, Phoenix AZ
31. Uddin MM, Yu B, Brody J, Pampana A, Bick A, **Bressler J**, Fornage M, Chander V, Gibbs R, Kiel D, Whitsel E, Liu C, Baccarelli A, Murabito J, Boerwinkle E, Floyd J, Ballantyne C, Psaty B, Natarajan P, Conneely K. Clonal hematopoiesis of indeterminate potential may contribute to age-related DNA methylation signatures: a discovery and replication analysis in the Cardiovascular Health Study (CHS) and Atherosclerosis Risk in Communities Study. Presented at the 70th Annual Meeting of the American Society of Human Genetics, 2020, Virtual
32. Hahn J, **Bressler J**, Brown MR, Fornage M, Bell J, Dehghan A, Domingo-Relloso A, Guo X, Johnson AD, Kleber M, McCartney D, Morange P-E, Smith NL, Teumer A, Zhao W, Morrison AC, de Vries PS, CHARGE Epigenetics and Hemostasis Working Groups. Epigenome-wide association study of DNA methylation in blood and circulating fibrinogen levels. International Society on Thrombosis and Haemostasis (ISTH) July 17-21, 2021 Virtual Congress
33. Mahmud S, Mei H, Tin A, **Bressler J**, Pruett WA, Fornage M, Huang J, Boerwinkle E, Mosley T, Simino J. Whole exome sequence study of mild cognitive impairment in African and European Americans: the Atherosclerosis Risk in Communities Neurocognitive Study. Alzheimer's Association International Conference Neuroscience Next, October 12-13, 2021, Virtual
34. Smith JA, Kho M, **Bressler J**, Sarnowski C, Zhao W, Chaar D, Wang YZ, Bis J, Nyquist P, Heckbert S, Fitzpatrick A, Snively B, Rodrigue A, Litkowski E, Glahn D, Kardina SLR, Fornage M, Seshadri on behalf of the TOPMed Neurocognitive Working Group. Whole genome sequencing association analysis of general cognitive function in a multi-ethnic sample from the Trans-Omics for Precision Medicine (TOPMed) Program. Presented at the 71st Annual Meeting of the American Society of Human Genetics, 2021, Virtual
35. Chittoor G, Lim E, Grove ML, Whitsel EA, Liu C-T, Cupples A, Fernandez-Rhodes L, Guan W, **Bressler J**, Fornage M, Boerwinkle E, Li Y, Demerath E, Heard-Costa N, Gordon-Larsen P, Howard AG, North KE, Justice AE. Methylome-wide association study of sex-specific effects on central adiposity. The Obesity Society Annual Meeting, November 1-5, 2021, Virtual
36. Calvert D, Samms-Vaughan M, Mitchell LE, **Bressler J**, Saroukhani S, Zhao Y, Hessabi M, Grove ML, Shakespeare-Pellington S, Loveland KA, Rahbar MH. Interaction between maternal and progeny glutathione-S-transferase genes in relation with autism

spectrum disorder in Jamaican children. International Society for Autism Research, Stockholm, Sweden, May 3-6, 2023

37. Hahn J, **Bressler J**, Fornage M, Smith NL, Morrison AC, de Vries PS. Epigenome-wide association study of DNA methylation in blood and coagulation factor VIII and Von Willebrand Factor levels. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Boston, MA, May 9-11, 2023

38. Zaman SF, Samms-Vaughan M, Saroukhani S, **Bressler J**, Hessabi M, Grove ML, Shakespeare-Pellington S, Loveland KA, Rahbar MH. Environmental factors and their interaction with glutathione-S-transferase genes in relation to blood mercury concentrations in Jamaican children. Society for Epidemiological Research, Portland, OR, June 13-16, 2023

39. Shin J, **Bressler J**, Fornage M, Pankow J, Morrison AC, Selvin E, Sarnowski C. Revealing epigenetic markers of insulin resistance in the Atherosclerosis Risk in Communities (ARIC) Study. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, San Antonio, TX, October 10-12, 2023

39. Yazdani A, Samms-Vaughan M, Saroukhani S, Bressler J, Putluri N, Hessabi M, Tahanan, Grove ML, Kemal AMK, Putluri V, Loveland K, Rahbar MH. Metabolomic profiles in Jamaican children with and without autism spectrum disorder. International Society for Autism Research, Melbourne, Australia, May 15-18, 2024

40. Semancik CS, Zhao N, Koestler D, Boerwinkle E, **Bressler J**, Kelsey K, Platz E, Michaud, DS. DNA methylation-derived immune cell profiles and risk of cancers in an African-American cohort. American Association for Cancer Research Annual Meeting, San Diego, CA, April 5-10, 2024

41. Karra P, Anderson G, Playdon MC, Hardkir S, Shadyab AH, North KE, Justice AE, Platz EA, **Bressler J**, Prizment A, Guan W, Michaud DS, Christensen BC, Salas LA. Metabolic phenotype, age acceleration, and obesity-related cancer risk in Women's Health Initiative and Atherosclerosis Risk in Communities cohort. American Association for Cancer Research Annual Meeting, San Diego, CA, April 5-10, 2024

42. Thomas AG, Raffield LM, Walker KA, Tin A, Avery CL, Fornage M, **Bressler J**, Windham BG, Shaffer AA, Wagner M, Kucharska-Newton, A, Gross A, Hoogeveen RC, Lin D, Gottesman RF, Palta P, North KE. Circulating plasma proteins associated with MRI-derived late life cognitive resilience. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Rotterdam, Netherlands, October 15-17, 2024

43. Wyss A, Sarnowski C, **Bressler J**, Sofer T. Using polygenic risk scores to evaluate harmonization of self-reported sleep phenotypes. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Rotterdam, Netherlands, October 15-17, 2024

44. Lin Z, Michaud DS, Zhao N, Burk VA, Boerwinkle E, **Bressler J**, Koestler DC, Kelsey KT, Platz E. Correlation between DNA-methylation predicted and measured immune-cell type proportions by age in ARIC. American Association for Cancer Research Annual Meeting, Chicago, IL, April 25-30, 2025
45. Kirmani S, Huan T, Van Amburg JC, Joehanes R, Uddin MM, Nguyen NQH, Yu B, Brody JA, Fornage M, **Bressler J**, Sotoodehnia N, Ong DA, Puddu F, Floyd JS, Ballantyne CM, Psaty BM, Raffield LM, Natarajan P, Conneely KN, Weinstock JS, Carson AP, Lange LA, Ferrier K, Heard-Costa NL, Murabito J, Bick AG, Levy D. Epigenome-wide DNA methylation association study of CHIP provides insight into perturbed gene regulation. TOPMed Annual Meeting, Bethesda, MD, February 19-21, 2025
46. Qiu X, Zhang Y, Qi Q, Yu B, **Bressler J**, Isasi C, Gallo L, Sofer T. Serum metabolites associated with depression and anxiety in Hispanic Community Health Study/Study of Latinos. Society for Epidemiological Research, Boston, MA, June 10-13, 2025
47. Shin J, **Bressler J**, Grove ML, Mosley TH, Coresh J, Morrison AC, Fornage M, Yu B, Sarnowski C. Epigenetic associations of dementia proteins in the Atherosclerosis Risk in Communities (ARIC) Study. Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Durham NC, December 2-4, 2025

RESEARCH PUBLICATIONS:

1. Andreeff M, Slater DE, **Bressler J**, Furth ME (1986) Cellular *ras* oncogene expression and cell cycle measured by flow cytometry in hematopoietic cell lines. *Blood* 67:676-681.
2. Albino AP, Nanus DM, Mentle IR, Cordon-Cardo C, McNutt NS, **Bressler J**, Andreeff M (1989) Analysis of *ras* oncogenes in malignant melanoma and precursor lesions: Correlation of point mutations with differentiation phenotype. *Oncogene* 4:1363-1374.
3. Sutcliffe JS, Jiang YH, Galjaard R-J, Matsuura T, Fang P, Kubota T, Christian SL, **Bressler J**, Cattanaach B, Ledbetter DH, Beaudet AL (1997) The E6-AP ubiquitin-protein ligase (UBE3A) gene is localized within a narrowed Angelman syndrome critical region. *Genome Res.* 7:368-377.
4. Jiang YH, Tsai TF, **Bressler J**, Beaudet AL (1998) Imprinting in Angelman and Prader-Willi syndromes. *Curr Opin Genet Dev.* 8:334-342.
5. Jiang YH, Tsai TF, **Bressler J**, Beaudet AL (1999) Genetics of Angelman syndrome. *Am J Hum Genet.* 65:1-6.
6. Tsai TF, Jiang YH, **Bressler J**, Armstrong D, Beaudet AL (1999) Paternal deletion from *Snrpn* to *Ube3a* in the mouse causes hypotonia, growth retardation and partial

lethality and provides evidence for a gene contributing to Prader-Willi syndrome. *Hum Mol Genet.* 8:1357-1364.

7. **Bressler J**, Tsai TF, Wu MY, Tsai SF, Ramirez MA, Armstrong D, Beaudet AL (2001) The SNRPN promoter is not required for genomic imprinting of the Prader-Willi/Angelman domain in mice. *Nat Genet.* 28:232-240.
8. Tsai TF, **Bressler J**, Jiang YH, Beaudet AL (2003) Disruption of the genomic imprint in *trans* with homologous recombination at *Snrpn* in ES cells. *Genesis* 37:151-161.
9. Jiang YH, **Bressler J**, Beaudet AL (2004) Epigenetics and human disease. *Annu Rev Genomics Hum Genetics* 5:479-510.
10. Jiang YH, Sahoo T, Michaelis RC, Bercovich D, **Bressler J**, Kashork CD, Liu Q, Shaffer LG, Schroer RJ, Stockton DW, Spielman RS, Stevenson RE, Beaudet AL. (2004) A mixed epigenetic/genetic model for oligogenic inheritance of autism with a limited role for UBE3A. *Am J Med Genet.* 131A:1-10.
11. Wu MY, Chen KS, **Bressler J**, Hou A, Tsai TF, Beaudet AL. (2006) Mouse imprinting defect mutations that model Angelman syndrome. *Genesis* 44:12-22.
12. Jiang YH, Wakui K, Liu Q, **Bressler J**, Pan YZ, Kashork CD, Hong L, Shaffer LG, Beaudet AL (2008) Genomic analysis of the chromosome 15q11-q13 Prader-Willi syndrome region and characterization of transcripts for *GOLGA8E* and *WHCD1L1* from the proximal breakpoint region. *BCM Genomics* Jan 28; 9:50 PMID: PMC2268926
13. **Bressler J**, Fornage M, Hanis CL, Kao WH, Lewis CE, McPherson R, Dent R, Mosley TH, Pennacchio LA, Boerwinkle E (2009) The *INSIG2* rs7566605 genetic variant does not play a major role in obesity in a sample of 24,722 individuals from four cohorts. *BCM Med Genet* Jun 12;10:56 PMID: PMC2706232
14. **Bressler J**, Folsom AR, Couper DJ, Volcik KA, Boerwinkle E (2010) Genetic variants identified in a European genome-wide association study that were found to predict incident coronary heart disease in the Atherosclerosis Risk in Communities Study. *American Journal of Epidemiology* 171:14-23 PMID: PMC2800304
15. **Bressler J**, Kao WHL, Pankow JS, Boerwinkle E (2010) Risk of type 2 diabetes and obesity is differentially associated with variation in *FTO* in whites and African-Americans in the ARIC study. *PLoS One* 5:e10521 PMID: PMC2873943
16. Demerath EW, Lutsey PL, Monda KL, Kao WHL, **Bressler J**, Pankow JS, North KE, Folsom AR (2011) Interaction of *FTO* SNP rs9939609 and habitual physical activity level on adiposity in African-American and European-American adults: The ARIC Study. *Obesity* 19:1866-1872 PMID: PMC3293392

17. **Bressler J**, Shimmin LC, Boerwinkle E, Hixson JE (2011) Global DNA methylation and subclinical atherosclerosis in young adults: The Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. *Atherosclerosis* 219:958-962 PMID: PMC3272499
18. Rahbar MH, Samms-Vaughan M, Loveland KA, Pearson DA, **Bressler J**, Chen Z, Ardjomand-Hessabi M, Shakespeare-Pellington S, Grove ML, Beecher C, Bloom K, Boerwinkle E (2012) Maternal and paternal age are jointly associated with childhood autism in Jamaica. *Journal of Autism and Developmental Disorders* 42:1928-1938 PMID: PMC3858006
19. Rahbar MH, Samms-Vaughan M, Ardjomand-Hessabi M, Loveland KA, Dickerson AS, Chen Z, **Bressler J**, Shakespeare-Pellington, Grove ML, Bloom K, Wirth J, Pearson DA Boerwinkle E (2012) The role of drinking water sources, consumption of vegetables and seafood to blood arsenic concentrations of Jamaican children with autism spectrum disorders. *Science of the Total Environment* 433:362-370 PMID: PMC3418487
20. **Bressler J**, Fornage M, Demerath EW, Knopman DS, Monda KL, North KE, Penman A, Mosley TH, Boerwinkle E (2013) Fat mass and obesity gene and cognitive decline: the Atherosclerosis Risk in Communities Study. *Neurology* 80:92-99 PMID: PMC3589198
21. Rahbar MH, Samms-Vaughan M, Loveland KA, Ardjomand-Hessabi M, Chen Z, **Bressler J**, Shakespeare-Pellington S, Grove ML, Bloom K, Pearson DA, Lalor GA, and Boerwinkle E (2013) Seafood consumption and blood mercury concentrations in children with and without autism spectrum disorders. *Neurotoxicity Research* 23:22-38 PMID: PMC3969434
22. **Bressler J**, Pankow JS, Coresh J, Boerwinkle E (2013) Interaction between the *NOS3* gene and obesity as a determinant of risk of type 2 diabetes: the Atherosclerosis Risk in Communities Study. *PLoS One* 8:e79466 PMID: PMC3835793
23. European Alzheimer's Disease Initiative (EADI); Genetic and Environmental Risk in Alzheimer's Disease; Alzheimer's Disease Genetic Consortium; Cohorts for Heart and Aging Research in Genomic Epidemiology, Lambert JC, Ibrahim-Verbaas CA, Harold D, Naj AC, Sims R, Bellenquez C, DeStefano AL, Bis JC, Beecham GW, Grenier-Bolley B... **Bressler J (369/443)**...Pericak-Vance MA, Launer LJ, Farrer LA, van Duijn CM, Van Broeckhoven C, Moskvina V, Seshadri S, Williams J, Schellenberg GD, Amouyel P (2013) Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. *Nat Genet* 45:1452-1458 PMID: PMC3896259
24. Lin H, Wang M, Brody JA, Bis JC, Dupuis J, Lumley T, McKnight B, Rice KM, Sitlani CM, Reid JG, **Bressler J**, Liu X, Davis BC, Johnson AD, O'Donnell CJ, Kovar CL, Dinh H, Wu Y, Newsham I, Chen H, Broka A, DeStefano AL, Gupta M, Lunetta KL, Liu CT, White CC, Xing C, Zhou Y, Benjamin EJ, Schnabel RB, Heckbert SR, Psaty BM, Muzny DM, Cupples LA, Morrison AC, Boerwinkle E (2014) Strategies to design

and analyze targeted sequencing data: the Cohorts for Hearts and Aging Research in Genomic Epidemiology (CHARGE) targeted sequencing study. *Circ Cardiovasc Genet* 7:335-343 PMID: PMC4176824

25. Rahbar MH, Samms-Vaughan M, Ma J, **Bressler J**, Loveland KA, Ardjomand-Hessabi M, Dickerson AS, Grove ML, Shakespeare-Pellington S, Beecher C, McLaughlin W, Boerwinkle E (2014) Role of metabolic genes in blood arsenic concentrations of Jamaican children with and without autism spectrum disorder. *Int J Environ Res Public Health* 11:7874-7895 PMID: PMC4143838

26. Rahbar MH, Samms-Vaughan M, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, **Bressler J**, Shakespeare-Pellington S, Grove ML, Pearson DA, Boerwinkle E (2014) Blood manganese concentrations in Jamaican children with and without autism spectrum disorders. *Environ Health* 13:69 PMID: PMC4237806

27. Rahbar MH, Samms-Vaughan M, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, **Bressler J**, Lee M, Shakespeare-Pellington S, Grove ML, Pearson DA, Boerwinkle E (2014) Role of fruits, grains, and seafood consumption in blood cadmium concentrations of Jamaican children with and without autism spectrum disorder. *Res Autism Spectr Disord* 8:1134-1145 PMID: PMC4114722

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116. Granot-HersHKovitz E, He S, **Bressler J**, Yu B, Tarraf W, Rebholz CM, Cai J, Chan Q, Garcia TP, Mosley T, Kristal BS, DeCarli C, Fornage M, Chen GC, Qi Q, Kaplan R, González HM, Sofer T (2023) Plasma metabolites associated with cognitive function across race/ethnicities affirming the importance of healthy nutrition. *Alzheimers Dement* 19:1331-1342 PMID: PMC10017373

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environmental factors and glutathione-S-transferase (GST) genes with respect to detectable blood aluminum concentrations in Jamaican children. *Genes (Basel)* 13:1907 PMID: PMC9601654

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Mosley TH, Gudnason VG, Launer LJ, Psaty BM, Seshadri S, Fornage M (2023) Identification of circulating proteins associated with general cognitive function among middle-aged and older adults. *Commun Biol* 6:1117 PMID: PMC10624811

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129. Domingo-Relloso A, Riffo-Campos AL, Zhao N, Ayala G, Haack K, Manterola C, Rhoades DA, Umans JG, Fallin MD, Herreros-Martinez M, Pollan M, Boerwinkle E, Platz EA, Jones MR, **Bressler J**, Joehanes R, Ryan CP, Gonzalez JR, Levy D, Belsky DW, Cole SA, Michaud DS, Navas-Acien A, Tellez-Plaza M (2024) Multicohort epigenome-wide association study of all-cause cardiovascular disease and cancer incidence: a cardio-oncology approach. *JACC CardioOncol* 6:731-742 PMID: PMC11520201

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131. Glover L, Lilly AG, Justice AE, Howard AG, Staley BS, Wang Y, Kamens HM, Ferrier K, **Bressler J**, Loehr L, Raffield LM, Sims M, North KE, Fernandez-Rhodes L (2024) DNA methylation near MAD1L1, KDM2B, and SOCS3 mediates the effect of socioeconomic status on elevated body mass index in African American adults. *Hum Mol Genet* 33:1748-1757 PMID: PMC11458006

132. Grasset L, Bis JC, Frenzel S, Kojis D, Simino J, Yaqub A, Beiser A, Berr C, **Bressler J**, Bülow R, DeCarli CS, Fohner AE, Harrington LB, Helmer C, Ikram MA, Lemaitre RN, Lopez OL, Longstreth WT Jr, Neitzel J, Odden MC, Palta P, Schmidt CO, Talluri R, Vernooij MW, Völzke H, Voortman T, Whalen Q, Wittfeld K, Grabe HJ, Mosley TH Jr, Psaty BM, Wolters FJ, Seshadri S, Dufouil C (2025) Selected social and lifestyle correlates of brain health markers: the Cross-Cohort Collaboration Consortium. *Alzheimer's Dement* 21:e70148 PMID: PMC11982914

133. Shin J, **Bressler J**, Grove ML, Brown M, Selvin E, Pankow JS, Fornage M, Morrison AC, Sarnowski C (2025) DNA methylation markers of insulin resistance surrogate measures in the Atherosclerosis Risk in Communities (ARIC) study. *Epigenetics* 20:2498857 PMID: PMC12064056

134. Kirmani S, Huan T, Van Amburg JC, Joehanes R, Uddin MM, Nguyen NQH, Yu B, Brody JA, Fornage M, **Bressler J**, Sotoodehnia N, Ong DA, Puddu F, Floyd JS, Ballantyne CM, Psaty BM, Raffield LM, Natarajan P, Conneely KN, Weinstock JS, Carson AP, Lange LA, Ferrier K, Heard-Costa NL, Murabito J, Bick AG, Levy D (2025) Epigenome-wide DNA methylation association study of CHIP provides insight into perturbed gene regulation. *Nat Commun* 16:4678 PMID: PMC12092741

135. Sarnowski C, Zhang Y, Ammous F, Shade LMP, DiCorpo D, Jian X, Arnett DK, Austin TR, Beiser A, Bis JC, Blangero J, Boerwinkle E, **Bressler J**, Curran JE, DeCarli

CS, Doddapaneni H, Dupuis J, Fardo DW, Florez JC, Gabriel S, Gibbs RA, Glahn DC, Gupta N, González HM, González KA, Hatzikotoulas K, Hayden KM, Heckbert SR, Hidalgo B, Huerta-Chagoya A, Hughes TM, Kardia SLR, Kooperberg CL, Launer LJ, Longstreth WT Jr; T2DGGI consortium; MAGIC consortium; Mandla R, Mathias RA, Morris AP, Mosley TH, Nasrallah IM, Nyquist P, Psaty BM, Qi Q, Raffield LM, Rayner NW, Reiner AP, Satizabal CL, Selvin E, Sevilla-Gonzalez MDR, Smith AV, Smith JA, Smith K, Snively BM, Southam L, Sofer T, Suzuki K, Taylor HJ, Udler MS, Viaud-Martinez KA, Wassertheil-Smoller S, Wood AC, Yanek LR, Yin X, Manning AK, Rotter JI, Rich SS, Meigs JB, Fornage M, Seshadri S, Morrison AC; TOPMed Diabetes working group; and the TOPMed Neurocognitive working group (2025) Association of genetic scores related to insulin resistance with neurological outcomes in ancestrally diverse cohorts from the Trans-Omics for Precision Medicine (TOPMed) program. Commun Biol 8:1352 PMID: PMC12460837

RESEARCH FUNDING:

Current Research Support:

75N92022D00001 (Couper, D) 01/15/2021 – 11/14/2028
NIH/NHLBI University of North Carolina at Chapel Hill
0.60 calendar months

Atherosclerosis Risk in Communities (ARIC) Study – Renewal for Coordinating Center

As part of this contract, we will store new specimens collected as part of the Visit 12 clinical examination, maintain the ARIC genetic repository, and distribute specimens as approved by the ARIC Steering Committee.

Role: Co-investigator

5U01HL096812-13 (Coresh, J/Mosley, TH) 04/01/2024 - 03/31/2029
NIH/NHLBI New York University School of Medicine
0.60 calendar months (NCE)

ARIC Neurocognitive Study (ARIC-NCS) Renewal

This renewal will address the need to better understand the risk of Alzheimer's related dementias (AD/ADRD) among the oldest old (85+ years, proposed visits 11-13).

Role: Co-Investigator

R01HL161012-01A1 (Sofer, T) 07/01/2022 – 06/30/2027
NIH/NHLBI Beth Israel Deaconess Medical Center
0.60 calendar months

Leveraging Omics Data to Understand Sleep Health and its Consequences

The major goal of this project is to apply integrative and multi-disciplinary research to study sociocultural determinants of sleep health, and downstream mechanisms that result in sleep health-related risk of diabetes, hypertension, and cognitive decline in U.S.

Hispanics/Latinos

Role: Co-Investigator

75N92023D00012 (Gibbs, RA)
NIH/NHLBI Baylor College of Medicine
1.2 calendar months

09/25/2020 –09/24/2026

TOPMed Centralized Omics Resource (CORE) Task 3

The major goal of this project is to provide targeted and non-targeted metabolite profiling for plasma or serum samples from individuals included in designated NHLBI Trans-Omics for Precision Medicine (TOPMed) program Project Studies.

Role: Co-Investigator

R011AG080598-01A1 (Sofer, TI)
NIH/NIA Beth Israel Deaconess Medical Center
0.84 calendar months

09/20/2023 – 05/31/2028

Using polygenic risk scores and omics to study how suboptimal sleep accelerates cognitive aging in diverse populations

The major goal is to identify sleep phenotypes that are genetically associated with cognitive aging by developing polygenic risk scores in three cohort studies that include individuals from diverse U.S. populations.

Role: Consortium PI

Completed Research Support (last three years):

HHSN2682016000033I (Gibbs, RA)
NIH/NHLBI Baylor College of Medicine
1.20 calendar months (NCE)

09/25/2020 –09/24/2025

TOPMed Centralized Omics Resource (CORE) Task 5

The major goal of this project is to provide targeted and non-targeted metabolite profiling for plasma or serum samples from individuals included in designated NHLBI Trans-Omics for Precision Medicine (TOPMed) program Project Studies.

Role: Co-Investigator

5R01DK124399 (Grams, M/Coresh, J)
NIH/NIDDK New York University School of Medicine
0.60 calendar months

03/13/2022 –02/28/2025

Integrative Omics, CKD and Adverse Outcomes in Older Adults

The goal is to integrate multi-omics data to elucidate biological pathway underlying chronic kidney disease risk with the purpose of improving risk prediction, prevention, and prognosis.

Role: Co-Investigator

5R01HL141291 (Morrison, AC MPI)
NIH/NHLBI
1.20 calendar months (NCE)

02/01/2019 – 01/31/2025

Using Genomics and Functional Biology to Understand Fibrinogen and its Effect on Thrombotic and Atherosclerotic Outcomes

Through this interdisciplinary collaboration between genetic epidemiologists and

functional biologists, we will investigate fibrinogen-associated loci to characterize the genomic regulation of fibrinogen, assess epigenetic association with fibrinogen levels, and translate results of genomic studies into a clear understanding of fibrinogen's role in thrombotic and atherosclerotic disease.

Role: Co-Investigator

5R01AG058921 (Allred, ND)

01/01/2021 - 12/31/2023

NIH/NIA Wake Forest School of Medicine

0.84 calendar months

Metabolomics of Neurocognitive Risk for Dementia in Diabetes

Type 2 diabetes is an established risk factor for dementia and cognitive decline. The goals of this proposal are to better understand the molecular basis of cognitive decline in the presence of diabetes by assessing the role of circulating metabolites in its pathophysiology, and to identify relevant metabolites associated with variation in cognitive function that could serve as biomarkers. A comprehensive genetic analysis of cognitive change and of metabolite levels associated with this phenotype will be performed. This project will be carried out in the setting of the Diabetes Heart Study (DHS) MIND cohort and significant findings will be replicated in the Atherosclerosis Risk in Communities (ARIC) Study.

Role: Subcontract PI

5R01AR073178 (Tin, A)

09/21/2018 - 11/30/2023

NIH/NIAMS University of Mississippi Medical Center

0.48 calendar months

Identifying Novel Biological Pathways for Gout by Integrating DNA Methylation and Genetics

The Human Genetics Center Laboratory will measure genome-wide methylation using the Illumina Infinium MethylationEPIC array on 1,300 samples in order to characterize methylation and evaluate epigenetic patterns associated with gout.

Role: Co-Investigator

3OT2OD002751 (Gibbs, RA)

09/01/2019 - 07/31/2023

NIH/OD Baylor College of Medicine

1.20 calendar months

The Baylor-Hopkins Clinical Genomics Center for All of Us

The goal of this project is to initiate large scale genotyping and whole genome sequencing in order to meet the long-term goals of guiding lifetime genetic risk assessment for all.

Role: Co-Investigator

1R03 AG065420 (Bressler, J)

08/15/2019 – 04/30/2023

NIH/NIA

0.36 calendar months (NCE)

Metabolomic Profiles of Depression and Social Isolation in Midlife

With the long-term goal of identifying biological pathways that contribute to these phenotypes, this research will test the hypotheses that circulating serum metabolites

measured in middle-aged adults are associated with depression, and measures of social isolation and social support; that common and rare genetic variants associated with these metabolites are also associated with the corresponding psychosocial factor; and that the same variants are associated with incident coronary heart disease, incident stroke, incident heart failure, and cognitive decline in the setting of the prospective biracial ARIC Study.

Role: Principal Investigator

R01HL141292 (Smith, J)

04/01/2018 - 01/21/2023

NIH/NHLBI University of Michigan

1.20 calendar months (NCE)

A Social Epigenomic Approach to Health Disparities in Cardiovascular Disease

The research objectives of this study include the use and interpretation of measures of socioeconomic status and neighborhood characteristics collected in the Atherosclerosis Risk in Communities (ARIC) Study so that they can be harmonized with those of the other cohort studies participating in the project. Associations between cardiovascular risk factors and socioeconomic/neighborhood factors, and DNA methylation sites that mediate the relationship between cardiovascular risk factors and socioeconomic/neighborhood factors identified in the discovery samples will be replicated in the ARIC study.

Role: Subcontract PI

1R01HL131136 (Boerwinkle, E)

12/15/2016-11/30/2022

NIH/NHLBI

0.60 calendar months (NCE)

Epigenetics of Successful Aging

This project will test the hypothesis that DNA methylation signatures measured in the blood of middle-aged adults are associated with successful aging patterns later in life.

Role: Co-investigator

PROFESSIONAL SOCIETIES:

American Society of Human Genetics (2018 - present)

NATIONAL COMMITTEES AND CONSORTIA:

National Committees:

2008 NIH/NHLBI, Working Group on Epigenetic Contributions to
Coronary Artery Disease

Peer Review Committees:

2022 NIH Special Emphasis Panel/Scientific Review Group 2023/01 ZRG1
F18-L, Epidemiology and Population Sciences; Reviewer

Epidemiology Study Consortium:

- 2008 – present Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Neurology Working Group, representative – Atherosclerosis Risk in Communities (ARIC) Study; Chair, Cognitive Function Working Group (2016 – present)
- 2013 – present Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Epigenetics Working Group, representative – Atherosclerosis Risk in Communities (ARIC) Study
- 2019 – present Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Hemostasis Working Group, representative – Atherosclerosis Risk in Communities (ARIC) Study
- 2018 – present NHLBI Trans-Omics for Precision Medicine (TOPMed) Program Neurocognitive Working Group representative – Atherosclerosis Risk in Communities (ARIC) Study
- 2019 – present NHLBI Trans-Omics for Precision Medicine (TOPMed) Program Aging and Longevity Working Group representative – Atherosclerosis Risk in Communities (ARIC) Study

Journals (Reviewer):

- 2008 Physiological Genomics
- 2008 Journal of Clinical Endocrinology and Metabolism
- 2010 Annals of Human Genetics
- 2010 The Pharmacogenomics Journal
- 2010 Nutrition, Metabolism, and Cardiovascular Diseases
- 2010 American Journal of Epidemiology
- 2010 Carcinogenesis
- 2011 BMC Medical Genetics
- 2012 Obesity
- 2012 Cancer Causes and Control
- 2012 Atherosclerosis
- 2013 Atherosclerosis
- 2014 Neurology
- 2015 Obesity
- Nutrition and Diabetes
- Human Molecular Genetics
- 2016 Aging
- 2017 Obesity
- Nutrition and Diabetes
- 2018 PLoS One
- 2019 Molecular Genetics and Genomic Medicine
- Epigenetics

2020	Journal of Alzheimer's Disease
2021	British Journal of Cancer
	Journal of Gerontology: Medical Sciences
2022	Journal of Gerontology: Biological Sciences
2023	HGG Advances
2024	Molecular Neurobiology
	Journal of Gerontology: Medical Sciences
2025	Scientific Reports
	Clinical Epigenetics
	Frontiers in Stroke

UTHealth COMMITTEES:

2008 – present Animal Welfare Committee

SCHOOL of PUBLIC HEALTH COMMITTEES:

2008 – 2010	Peer Review Committee
2011- present	Admissions Committee, Department of Epidemiology, Human Genetics and Environmental Sciences
2011- present	Core Curriculum Committee, Department of Epidemiology, Human Genetics and Environmental Sciences
2011-2012	Office of Academic Advising, Department of Epidemiology, Human Genetics and Environmental Sciences

SCHOOL of PUBLIC HEALTH ADVISORY COMMITTEES:

Academic Advisor, M.P.H. or M.S. Students, Department of Epidemiology, Human Genetics and Environmental Sciences:

2006 – 2009	Zubin Segal, M.P.H candidate
2006 – 2008	Priyanka Desai, M.P.H. candidate
2007 – 2010	Sukhdeep Basra, M.P.H. candidate
2007 – 2009	Joseph William, M.P.H. candidate
2007 – 2009	Jesse Dunkle, M.P.H. candidate
2007 – 2009	Colin Malone, M.P.H. candidate
2007 – 2008	Jaffar Alfardan, M.P.H. candidate, (Dallas)
2008 – 2011	Simit Doshi, M.P.H. candidate
2009 – 2012	Tejal Patel, M.P.H. candidate
2010 – 2011	Cosmina Gingaras, M.P.H. candidate
2010 – 2012	Xiang Shu, M.S. candidate
2010 – 2013	Harleen Sandhu, M.P.H. candidate
2010 – 2012	Abhijit Salaskar, M.P.H. candidate
2010 – 2012	Shishir Raman, M.P.H. candidate
2010 – 2012	Mandar Karhade, M.P.H. candidate
2010 – 2012	Ramona Barac, M.P.H. candidate

2010 – 2011	Azy Zangeneh, M.P.H. candidate
2010 – 2016	Pritul Patel, M.P.H. candidate
2011 – 2012	Puja Aggarwal, M.P.H. candidate
2011 – 2013	Rachel Atkinson, M.P.H. candidate
2011 – 2013	Jinhye Cha, M.P.H. candidate
2011 – 2013	Joanne Espinosa, M.P.H. candidate
2011 – 2012	Vaiva Gerasimaviciute, M.P.H. candidate
2011 – 2014	Swapnil Khose, M.P.H. candidate
2011 – 2014	Harshad Ladha, M.P.H. candidate
2011 – 2013	Bingjie Li, M.P.H. candidate
2011 – 2013	Jin Liu, M.P.H. candidate
2011 – 2013	Divina Oweis, M.P.H. candidate
2011 – 2012	Krunal Patel, M.P.H. candidate
2011 – 2014	Shekhar Patil, M.P.H. candidate
2011 – 2015	Seema Prasad, M.P.H. candidate
2011 – 2012	Khantil Shah, M.P.H. candidate
2011 – 2015	Maithili Shethia, M.P.H. candidate
2011 – 2013	Ashita Sinha, M.P.H. candidate
2011 – 2014	Saurabh Talathi, M.P.H. candidate
2011 – 2013	Xerxes Pundole, M.P.H. candidate
2011 – 2014	Aisha Rafiq, M.P.H. candidate
2012 – 2016	Dhaval Desai, M.P.H. candidate
2012 – 2015	Tushar Pawar, M.P.H. candidate
2012 – 2014	Amruta Atre, M.P.H. candidate
2012 – 2013	Angela Bhalla, M.P.H. candidate
2012 – 2014	Priyanka Priyanka, M.P.H. candidate
2012 – 2014	Nisarg Shah, M.P.H. candidate
2012 – 2014	Manu Sharma, M.P.H. candidate
2012 – 2014	Gaya Perera, M.P.H. candidate
2012 – 2014	Michael Strayhorn, M.P.H. candidate
2013 – 2015	Yohanna Cerna, M.P.H. candidate
2013 – 2014	Kelly Colclasure, M.P.H. candidate
2013 – 2015	Liyun Fan, M.P.H. candidate
2014 – 2016	Kankana Ghosh, M.P.H. candidate
2014 – 2015	Tahani Hamdan, M.P.H. candidate
2014 – 2016	Tehseen Iqbal, M.P.H. candidate
2015 – 2017	Aditya Wagh, M.P.H. candidate
2015 – 2017	Neha Desai, M.P.H. candidate
2015 – 2018	Rutvij Shah, M.P.H. candidate
2015 – 2016	Sanjana Srinivasan, M.P.H. candidate
2016 – 2017	Jessica Bauldry, M.P.H. candidate
2016	Viridiana Saucedo, M.P.H. candidate
2015 – 2016	Hem Desai, M.P.H. candidate
2016 – 2017	Anshu Khanna, M.P.H. candidate
2016	Awatif Albalawi, M.P.H. candidate
2017 – 2020	Chidi Okoro, M.P.H. candidate

2017 – 2019	Rachel Treistman, M.P.H. candidate
2017 – 2019	Emily Scannapieco, M.P.H. candidate
2017 – 2019	Patrick Nwachuku, M.P.H. candidate
2017 – 2019	Sherri Hong, M.P.H. candidate
2017 – 2020	Vikaash Hariharan, M.P.H. candidate
2018 – 2020	Megan Bruns, M.P.H. candidate
2018 – 2020	Amrita Patil, M.P.H. candidate
2018 – 2020	Megan Rafferty, M.P.H. candidate
2018 – 2020	Divya Prakriya, M.P.H. candidate
2019 – 2021	Noemie Demonet, M.P.H. candidate
2019 – 2021	Laura Klein, M.P.H. candidate
2019 – ****	Jithin Kurian, M.P.H. candidate
2019 – 2021	Srikar Ranga, M.P.H. candidate
2019 – 2021	Niat Tekle, M.P.H. candidate
2020 – 2021	Juliana Wu, M.P.H. candidate
2020 – 2021	Jennifer Wang, M.P.H. candidate
2020 – 2021	Crystal Guo, M.P.H. candidate
2020 – 2022	Ty Jones, M.P.H. candidate
2020 – 2024	Nick Labate, M.P.H. candidate
2020 – 2021	Amna Ullah, M.P.H. candidate
2021 – 2023	Tiffany Ewere, M.P.H. candidate
2021 – ****	Gabriel Mejia, M.P.H. candidate
2021 – 2025	Victoria Paige, M.P.H. candidate
2022 – 2023	Priyanka Bhardwaj, M.P.H. candidate
2022 – 2023	Aniyah Zaman, M.P.H. candidate
2022 – 2023	Aneesa Khan, M.P.H. candidate
2022 – 2024	Yogitha Koneru, M.P.H. candidate
2023 – 2025	Meghna Lama
2023 – 2025	Margaret Kamholz
2023 – 2024	Jalaparthi, Hema Sarvani
2023 – 2024	Bentley, Shaila
2023 – 2025	Bandrey, Dhawal Sanjay
2024 – present	Carreon Garcia, Melissa
2024 – present	Akpan, Ndifreke
2024 – present	Dandamudi, Neeharika
2025 – present	Sugar, Mark Faysale Saad
2025 – present	Madtha, Paloma

Advisory Committee Member, M.P.H. Students:

2006 – 2007	Karon Cassidy, M.P.H. candidate, Department of Management, Policy and Community Health
2006 – 2008	Monica Clark, M.P.H. candidate, Department of Environmental Sciences
2006 – 2009	Andrea Yu Chan, M.P.H. candidate, Department of Management, Policy and Community Health

2007	Betsy Goldstein, M.P.H. candidate, Department of Management, Policy and Community Health
2007	Hatem Saqr, M.P.H. candidate, Department of Management, Policy and Community Health
2008 – 2010	Tiffany Dean, M.P.H. candidate, Department of Environmental Sciences
2008 – 2010	Tal Ben-Galim, M.P.H. candidate, Department of Health Promotion and Behavioral Sciences
2009	Melody Hernandez, M.P.H. candidate, Department of Environmental Sciences
2009 – 2010	Azy Zangeneh, M.P.H. candidate, Department of Health Promotion and Behavioral Sciences
2010	Anirban Battacharyya, M.P.H. candidate, Department of Biostatistics
2012	Devsmitta Das, M.P.H. candidate, Department of Epidemiology
2013	Abayomi Ogunwale, M.P.H. candidate, Department of Epidemiology
2021 - 2022	Donovan Calvert, M.P.H. candidate, Department of Epidemiology
2022	Sheikh F. Zaman, M.P.H. candidate, Department of Epidemiology

Advisory Committee Member, Ph.D. Students:

2008	Hatem Saqr, Ph.D. candidate, Department of Management, Policy and Community Health
2008 - 2009	E. Susan Amirian, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2009 – 2010	A.J. Agopian, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2009 – 2011	Yu-Jing Huang, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2011 – 2012	Michelle Mekky, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2012 – 2017	Chi Nguyen, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2014 – 2017	Shailesh Advani, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2016	Xerxes Nozer Pundole, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2019 - 2021	Hiba Zwiya, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2019 - 2020	Yunju Yang, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2020 - 2021	Sepideh Saroukhani, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2022 – 2025	Julie Hahn, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health
2024 – present	Joshua Strauss, Ph.D. candidate, Department of Epidemiology, University of Texas School of Public Health

M.D. ANDERSON UTHealth GRADUATE SCHOOL of BIOMEDICAL SCIENCES ADVISORY COMMITTEES:

Advisory Committee Member, M.S. Students:

2010 Sarah Tudor, M.S. candidate in Biomedical Sciences, M.D. Anderson University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences

Examining Committee Member, Ph.D. Students:

2007 Examining Committee Member for Catie Spellicy, Ph.D. candidate in Biomedical Sciences, M.D. Anderson University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences

Advisory Committee Member, Ph.D. Students:

2008 – 2011 Qian Liu, Ph.D. candidate in Biomedical Sciences, M.D. Anderson University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences

TEACHING EXPERIENCE: UTHealth SCHOOL of PUBLIC HEALTH and M.D. ANDERSON UTHealth GRADUATE SCHOOL of BIOMEDICAL SCIENCES

2005 – 2011 Lecturer, University of Texas School of Public Health, Genetics and
2015 - 2016 Human Disease (Course PH 2815)

2006 – 2007 Lecturer, M.D. Anderson University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences, Current Topics in Human and Molecular Genetics (Course GS110631)

2007 Lecturer, University of Texas School of Public Health, Pathology and Public Health (Course PH 2810)

2007 – 2008 Lecturer, University of Texas School of Public Health, Genetic Epidemiology of Chronic Disease (Course PH 2950)

2007 – 2008 Co-Coordinator, University of Texas School of Public Health, Advanced Epidemiologic Methods I (Course PH 2710)

2007 – 2024 Coordinator, University of Texas School of Public Health, Seminar in Genetics and Population Biology (Course PH 2960)

2007 – 2016 Co-Coordinator, M.D. Anderson University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences, Molecular and Cellular Approaches to Human Disease (Course GS110023)

2009 – 2025	Co-Coordinator, University of Texas School of Public Health, Genetic Epidemiology of Chronic Disease (Course PH 2950)
2009	Lecturer, University of Texas School of Public Health, Mutagenesis and Carcinogenesis (Course PH 2165)
2009	Teaching Associate, Fundamentals of Epidemiology (Course 20093PHW2610L200)
2010 - present	Co-Coordinator, University of Texas School of Public Health, Neuroepidemiology (Course PH 2998 L)
2010 – 2011	Lecturer, University of Texas School of Public Health, Genetics and Infectious Disease (Course PH 2731)
2015 - 2025	Lecturer, University of Texas School of Public Health, Economic and Social Determinants of Health (Course PH 3922)
2016 – 2017	Lecturer, University of Texas School of Public Health, Foundations of Public Health Genetics (Course PH 2970)
2017 - 2024	Co-Coordinator, University of Texas School of Public Health, Genetics and Human Disease (Course PH 2815)
2020 – 2024	Lecturer, Big Data Foundations for Genes, Environments and Interactions (PH 2817)
2024 – present	Co-Coordinator, Epidemiologic Proposal Development (Course PHD 2720)

TEACHING EXPERIENCE: INVITED LECTURES

2015 Neurepiomics Summer School, Epidemiology of Vascular and Brain Aging in Cohorts with Large Scale Imaging and Omics Data; University of Bordeaux, Bordeaux, France: “Genetic Epidemiology of Cognition”

Neurepiomics 2023, San Antonio: “Studying Cognitive Function in Cohort Studies”

TEXAS MEDICAL CENTER COMMITTEES:

2010 - 2022 Baylor College of Medicine Alumni Association Executive Committee