

**CURRICULUM VITAE**  
**“Victor” Wenze Zhong, Ph.D.**

**PERSONAL INFORMATION**

*Address*

315 Savage Hall  
Division of Nutritional Sciences  
Cornell University  
244 Garden Avenue, Ithaca, NY 14853

*Contact information*

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**EDUCATION**

- 01/2012-12/2016      Ph.D. in Nutrition (major) and Epidemiology (minor)  
University of North Carolina, Chapel Hill, USA  
Mentor: Elizabeth J. Mayer-Davis
- 09/2006-07/2011      Bachelor of Medicine in Preventive Medicine  
Huazhong University of Science and Technology, Wuhan, China  
Thesis advisor: Liegang Liu

**POSTDOCTORAL TRAINING**

- 01/2017-05/2019      Department of Preventive Medicine  
Northwestern University Feinberg School of Medicine, Chicago, USA  
Primary mentors: Philip Greenland, Norrina Allen, Marilyn Cornelis  
Secondary mentors: Linda Van Horn, Mercedes Carnethon

**ACADEMIC APPOINTMENTS**

- 07/2019-              Assistant Professor (tenure track)  
Division of Nutritional Sciences  
College of Human Ecology & College of Agriculture and Life Sciences  
Cornell University, Ithaca, NY
- 06/2019-              Adjunct Assistant Professor  
Department of Preventive Medicine  
Feinberg School of Medicine  
Northwestern University, Chicago, IL

**HONORS AND AWARDS**

- 2018                  Winner, Lifestyle Young Investigator Award, American Heart Association Scientific Sessions  
2018, Chicago, USA

- 2018 Winner, Roger R. Williams Award for Genetic Epidemiology and the Prevention and Treatment of Atherosclerosis, American Heart Association EPI/Lifestyle Scientific Sessions 2018, New Orleans, USA
- 2018 Finalist, Jeremiah and Rose Stamler Research Award for New Investigators, American Heart Association EPI/Lifestyle Scientific Sessions 2018, New Orleans, USA
- 2017-2018 Postdoctoral AHA Strategically Focused Research Network Fellowship, USA
- 2015 American Society for Nutrition-Pfizer Pre-doctoral Fellowship Award, USA
- 2012-2016 Sanofi-UNC Global Nutrition Scholar, USA,
- 2011 Outstanding Graduate, Huazhong University of Science and Technology, China
- 2011 Outstanding Undergraduate Thesis, Hubei Province, China
- 2009 National Scholarship for Academic Excellence, Ministry of Education, China
- 2008 Excellent College Student Leader for Public Health Service after the Wenchuan Earthquake (Magnitude 8.0), Hubei Province, China.

## PROFESSIONAL MEMBERSHIP

Council on Epidemiology and Prevention and Council on Lifestyle and Cardiometabolic Health, American Heart Association

## PROFESSIONAL ACTIVITIES

### *Teaching Experience*

08/2014 – 12/2014 NUTR 240: Introduction to Human Nutrition. As a discussion leader to facilitate and organize every Friday's discussion on a range of nutrition topics.

### *Experience as a Secondary Mentor*

Primary mentor: Dr. Mercedes R. Carnethon

02/2017 - 06/2017 Lauren A Schrader, MPH student, Indiana University Bloomington  
My role: From Study Conception to Data Analysis and Results Interpretation  
Project: Association between Lifestyle Factors and Appendicular Lean Mass in Middle-Aged Adults from the CARDIA Study

Primary mentor: Dr. Elizabeth J. Mayer-Davis

10/2015 – 05/2016 Tafadzwa Nyasha Matika, B.S.P.H. student in nutrition, UNC Chapel Hill  
My role: Protocol Review, Data Analyses, Results Interpretation and Thesis Review  
Project: Diabetes Mellitus and Associated Risk Factors Among HIV Positive Patients at Parirenyatwa Family Care Center at Zimbabwe

10/2013 – 05/2014 Rebecca Lane, B.S.P.H. student in nutrition, UNC Chapel Hill  
My role: Protocol Review, Data Analyses, Results Interpretation and Thesis Review  
Project: Examining the Correlation between C-reactive Protein Concentration and Glycemic Variability in Adults with Type 2 Diabetes

09/2012 – 12/2012 Erica Andrews, B.S.P.H. student in nutrition, UNC Chapel Hill  
My role: Data Analyses and Results Interpretation

Project: Pediatric Patient Perception of Mid-level Providers and Their Role in  
Diabetes Care and Management

*Ad Hoc Reviewer for Journals (# of reviews)*

American Journal of Epidemiology (2)  
Annals of Internal Medicine (3)  
Clinical Pharmacist (1)  
Diabetologia (4)  
Diabetes Care (7)  
Diabetes, Obesity & Metabolism (1)  
European Journal of Nutrition (1)  
JAMA (7)  
Pediatric Obesity (1)  
The American Journal of Clinical Nutrition (3)  
The BMJ (2)  
The Journal of Nutrition (1)

*Ad Hoc Reviewer for Books*

Next-Generation Nutritional Biomarkers to Guide Better Health Care. 2016. Published by S. Karger AG, Basel (Switzerland).

**GRANT AWARDS**

2015-2016      **Title:** Associations of nutrients, foods, and dietary patterns with hypoglycemia in adolescents with type 1 diabetes  
**Gant:** Predoctoral fellowship from the American Society for Nutrition and Pfizer  
**Role:** Principal Investigator  
**Amount:** \$5000

**INTERNSHIP**

08/2015 – 10/2015      Extracting electronic health record data from the UK's Clinical Practice Research Datalink and the Hospital Episode Statistics (about 400 GB).  
Advisor, Juhaeri Juhaeri, Vice President and Head, Pharmacoepidemiology and Signal Detection, Sanofi US, Bridgewater, NJ.

05/2013 – 08/2013      Post-marketing epidemiological study of GLP-1 receptor agonists using a US claims database, MarketScan.  
Advisor, Juhaeri Juhaeri, Vice President and Head, Pharmacoepidemiology and Signal Detection, Sanofi US, Bridgewater, NJ.

05/2011 – 06/2011      Rotating internship, CDC, Huangshi, Hubei, China.

02/2010 – 06/2010      Rotating internship, Wuhan Union Hospital, Hubei, China.

**BIBLIOGRAPHY (Reverse Chronological Order)****A. Book Chapters**

1. Imperatore G, Mayer-Davis EJ, Orchard TJ, **Zhong VW**. Prevalence and incidence of type 1 diabetes among children and adults in the United States and comparison with non-U.S. countries. In: Cowie CC, Casagrande SS, Menke A, et al., eds. *Diabetes in America*, 3rd ed. Bethesda, MD: National Institutes of Health; 2017:2-1–2-17.

**B. Peer Reviewed Journal Articles (First Author Only)**

1. **Zhong VW**, Kuang A, Danning RD, van Dam RM, Chasman DI, Cornelis MC. A genome-wide association study of bitter and sweet beverage consumption. *Hum Mol Genet*. 2019 Jul 15;28(14):2449-2457.
2. **Zhong VW**, Juhaeri J, Cole SR, Shay CM, Gordon-Larsen P, Kontopantelis E, Mayer-Davis EJ. Proximal HbA<sub>1c</sub> level and first hypoglycemia hospitalization in adults with incident type 2 diabetes: a nested case-control study. *J Clin Endocrinol Metab*. 2019 Jun 1;104(6):1989-1998.
3. **Zhong VW**, Van Horn L, Cornelis MC, Wilkins JT, Ning H, Carnethon MR, Greeland P, Mentz RJ, Tucker KL, Zhao L, Lloyd-Jones DM, Allen NB. Associations of dietary cholesterol or egg consumption with incident cardiovascular disease and mortality. *JAMA*. 2019;321(11):1081-1095.
4. **Zhong VW**, Bancks MP, Schreiner PJ, Lewis CE, Steffen LM, Meigs JB, Schrader LA, Schorr M, Miller KK, Sidney S, Carnethon MR. Insulin resistance since early adulthood and appendicular lean mass in middle-aged adults without diabetes: 20 years of the CARDIA study. *J Diabetes Complications*. 2019 Jan;33(1):84-90.
5. **Zhong VW**, Juhaeri J, Mayer-Davis EJ. Trends in hospital admission for diabetic ketoacidosis in adults with type 1 and type 2 diabetes in England, 1998-2013: a retrospective cohort study. *Diabetes Care*. 2018 Sep;41(9):1870-1877.
6. **Zhong VW**, Juhaeri J, Cole SR, Shay CM, Gordon-Larsen P, Kontopantelis E, Mayer-Davis EJ. HbA<sub>1c</sub> variability and hypoglycemia hospitalization in adults with type 1 and type 2 diabetes: a nested case-control study. *J Diabetes Complications*. 2018 Feb;32(2):203-209.
7. **Zhong VW**, Juhaeri J, Cole SR, Kontopantelis E, Shay CM, Gordon-Larsen P, Mayer-Davis EJ. Incidence and temporal trends in hypoglycemia hospitalization in adults with type 1 and type 2 diabetes in England, 1998 to 2013: a retrospective cohort study. *Diabetes Care*. 2017 Dec;40(12):1651-1660.
8. **Zhong VW**, Crandell JL, Shay CM, Gordon-Larsen P, Cole SR, Juhaeri J, Kahkoska AR, Maahs DM, Seid M, Forlenza GP, Mayer-Davis EJ. Dietary intake and risk of non-severe hypoglycemia in adolescents with type 1 diabetes. *J Diabetes Complications*. 2017 Aug;31(8):1340-1347.
9. **Zhong VW**, Obeid JS, Craig JB, Pfaff ER, Thomas J, Jaacks LM, Beavers DP, Carey TS, Lawrence JM, Dabelea D, Hamman RF, Bowlby DA, Pihoker C, Saydah SH, Mayer-Davis EJ. An efficient approach for surveillance of childhood diabetes by type derived from electronic health record data: the SEARCH for Diabetes in Youth Study. *J Am Med Inform Assoc*. 2016 Nov;23(6):1060-1067.
10. **Zhong VW**, Lamichhane AP, Crandell JL, Couch SC, Liese AD, The NS, Tzeel BA, Dabelea D, Lawrence JM, Marcovina SM, Kim G, Mayer-Davis EJ. Association of adherence to a Mediterranean diet with

glycemic control and cardiovascular risk factors in youth with type 1 diabetes: the SEARCH Nutrition Ancillary Study. *Eur J Clin Nutr.* 2016 Jul;70(7):802-7.

11. **Zhong VW**, Pfaff ER, Beavers DP, Thomas J, Jaacks LM, Bowlby DA, Carey TS, Lawrence JM, Dabelea D, Hamman RF, Pihoker C, Saydah SH, Mayer-Davis EJ; Search for Diabetes in Youth Study Group. Use of administrative and electronic health record data for development of automated algorithms for childhood diabetes case ascertainment and type classification: the SEARCH for Diabetes in Youth Study. *Pediatr Diabetes.* 2014 Dec;15(8):573-84.

### C. Peer Reviewed Journal Articles (Coauthor Only)

1. Kahn HS, Divers J, Fino NF, Dabelea D, Bell RA, Liu LL, **Zhong VW**, Saydah S. Alternative waist-to-height ratios associated with risk biomarkers in youth with diabetes: Comparative models in the SEARCH for Diabetes in Youth Study. *Int J Obes (Lond).* 2019 Mar 29. doi: 10.1038/s41366-019-0354-8. [Epub ahead of print]
2. Saydah S, Imperatore G, Divers J, Bell RA, Henkin L, Mayer-Davis EJ, **Zhong VW**, Dabelea D, Lawrence JM, Pihoker C. Occurrence of severe hypoglycemic events among US youth and young adults with type 1 or type 2 diabetes. *Endocrinol Diabetes Metab.* 2019 Jan 19;2(2):e00057.
3. Ong JS, Hwang LD, **Zhong VW**, Gharahkhani P, Breslin PAS, Lawlor DA, Whitfield J, MacGregor S, Martin NG, Cornelis MC. Understanding the role of bitter taste perception in coffee, tea and alcohol consumption through Mendelian randomization. *Sci Rep.* 2018 Nov 15;8(1):16414.
4. Kahkoska AR, Shay CM, Crandell JL, Dabelea D, Imperatore G, Lawrence JM, Liese AD, Pihoker C, Reboussin BA, Agarwal S, Tooze JA, Wagenknecht L, **Zhong VW**, Mayer-Davis EJ. Race/Ethnicity as a Predictor of Hemoglobin A1c Trajectory in Youth with Type 1 Diabetes: Evidence of Health Inequity from the SEARCH for Diabetes in Youth Study. *JAMA Network Open.* 2018 Sep 7;1(5). pii: e181851.
5. Sauder KA, Dabelea D, Bailey-Callahan R, Kanott Lambert S, Powell J, James R, Percy C, Jenks BF, Testaverde L, Thomas JM, Barber R, Smiley J, Hockett CW, **Zhong VW**, Letourneau L, Moore K, Delamater AM, Mayer-Davis EJ. Targeting risk factors for type 2 diabetes in American Indian youth: the Tribal Turning Point pilot study. *Pediatr Obes.* 2018 May;13(5):321-329.
6. Crume TL, Hamman RF, Isom S, Talton J, Divers J, Mayer-Davis EJ, **Zhong VW**, Liese AD, Saydah S, Standiford DA, Lawrence JM, Pihoker C, Dabelea D; SEARCH for Diabetes in Youth Study Group. Factors influencing time to case registration for youth with type 1 and type 2 diabetes: SEARCH for Diabetes in Youth Study. *Ann Epidemiol.* 2016 Sep;26(9):631-7.
7. Lawrence JM, Black MH, Zhang JL, Slezak JM, Takhar HS, Koebnick C, Mayer-Davis EJ, **Zhong VW**, Dabelea D, Hamman RF, Reynolds K. Validation of pediatric diabetes case identification approaches for diagnosed cases by using information in the electronic health records of a large integrated managed health care organization. *Am J Epidemiol.* 2014 Jan 1;179(1):27-38.

### D. Conference Abstracts/Presentations

1. **Zhong VW**, Van Horn L, Cornelis MC, Wilkins JT, Ning H, Carnethon MR, Greeland P, Mentz RJ, Tucker KL, Lloyd-Jones DM, Allen NB. Associations of dietary cholesterol and egg consumption with incident cardiovascular disease and mortality: The Lifetime Risk Pooling Project. *Circulation.* 2018;138:A14733. Oral presentation
2. Paluch AE, Wilkins JT, Gabriel KP, **Zhong VW**, Lloyd-Jones DM, Carnethon MR. Harmonizing Physical

Activity Data across Cohorts in the Lifetime Risk Pooling Project. *Medicine & Science in Sports & Exercise*. 50(5S):298, MAY 2018. Poster Presentation.

3. **Zhong VW**, Sanchez-Roige S, Kraft P, Van Dam RM, Chasman DI, Cornelis MC. Genome-wide Association Study Identifies 12 Loci for Habitual Consumption of Bitter and Sweet Beverages. *Circulation*. 2018;137:A051. Oral presentation
4. **Zhong VW**, Ning H, Van Horn L, Wilkins JT, Lloyd-Jones DM, Allen NB. Diet quality and lifetime risk of total cardiovascular disease and mortality in US adults. *Circulation*. 2018;137:AMP37. Moderated poster presentation
5. Wilkins JT, Cantey E, **Zhong VW**, Siddique J, Lewis CE, Shikany J, Carr J, Terry JG, Rana JS, Allen NB. Trajectories of Change in Total Cholesterol in Early Adulthood and Coronary Artery Calcium in Middle Age: The CARDIA Study. *Circulation*. 2017;136:A19239. Oral presentation.
6. Kahkoska AR, Shay CM, Black MH, Crandell JL, Dabelea D, Imperatore G, Lawrence JM, Liese AD, Pihoker C, Reboussin BA, Toozé J, Wagenknecht L, **Zhong VW**, Mayer-Davis EJ. Race/Ethnicity as a Predictor of Hemoglobin A1c Trajectory in Youth with Type 1 Diabetes. *Diabetes* 2017;66 (Suppl.1):A21. Oral presentation.
7. Saydah SH, Imperatore P, Divers J, Bell RA, Henkin L, Mayer-Davis EJ, **Zhong VW**, Dabelea D, Lawrence JM, Pihoker C. Occurrence of severe hypoglycemia events among US youth and young adults with type 1 and type 2 diabetes. *Diabetes* 2017;66(Suppl.1):A431. Poster Presentation.
8. **Zhong VW**, Lloyd-Jones DM, Wilkins JT, Ning H, Van Horn LV, Allen NB. Harmonizing Dietary Intake Data: The Lifetime Risk Pooling Project. American Heart Association Strategically Focused Research Networks Annual Meeting, March 6-7, Portland, OR, USA, 2017. Poster presentation.
9. **Zhong VW**, Obeid JS, Craig JB, Pfaff ER, Thomas J, Jaacks LM, Beavers DP, Carey TS, Lawrence JM, Dabelea D, Hamman RF, Bowlby DA, Pihoker C, Saydah SH, Mayer-Davis EJ. Efficient surveillance of childhood diabetes using electronic health record data. *OJPHI* 2016;8(1):E45. Oral Presentation.
10. **Zhong VW**, Obeid JS, Craig JB, Pfaff ER, Thomas J, Jaacks LM, Beavers DP, Carey TS, Lawrence JM, Dabelea D, Hamman RF, Bowlby DA, Pihoker C, Saydah SH, Mayer-Davis EJ. An efficient approach for surveillance of childhood diabetes. The 14<sup>th</sup> Symposium of the International Diabetes Epidemiology Group, December 5-6, Vancouver, Canada, 2015. Guided Audio Poster Tour Presentation.
11. **Zhong VW**, Lamichhane AP, Crandell JL, Couch SC, Liese AD, The NS, Tzeel BA, Dabelea D, Lawrence JM, Kim G, Marcovina SM, Mayer-Davis EJ. Mediterranean diet is associated with glycemic control and cardiovascular risk factors in youth with type 1 diabetes: The SEARCH Nutrition Ancillary Study. *The FASEB J* 2015;29(Suppl.1):736.17. Poster Presentation.
12. Wang S, **Zhong VW (Presenter)**, Crandell JL, Couch SC, Lawrence JM, Dabelea D, Lamichhane AP, Tzeel BA, Zhu S, Mayer-Davis EJ. Dietary Patterns and Waist-to-Height Ratio in Youth with Type 1 Diabetes: SEARCH for Diabetes in Youth Nutrition Ancillary Study. *Diabetes* 2015;64(Suppl.1):A448. Guided Audio Poster Tour Presentation.
13. Crosskey M, Pfaff ER, Klein JL, **Zhong VW**, Mayer-Davis EJ. Automated diabetes surveillance using natural language processing and artificial neural networks. The American Medical Informatics Association Joint Summits, March 23-27, San Francisco, 2015.
14. Crume TL, Hamman RF, Isom S, Divers J, Mayer-Davis EJ, **Zhong VW**, Saydah S, Standiford D, Lawrence J, Pihoker C, Dabelea D for the SEARCH for Diabetes in Youth Study Group. The Accuracy of Provider-Diagnosed Diabetes Type in Youth: Evidence from the SEARCH Study. *Diabetes*

2013;62(Suppl.1): A419- 420. Poster Presentation.

15. Crume TL, Hamman RF, Isom S, Divers J, Mayer-Davis EJ, **Zhong VW**, Saydah S, Standiford D, Lawrence JM, Pihoker C, Dabelea D, for the SEARCH for Diabetes in Youth Study. Factors Influencing Time to Case Ascertainment in Youth with Type 1 (T1D) and Type 2 Diabetes (T2D) in the SEARCH for Diabetes in Youth Study. *Diabetes* 2013;62(Suppl.1):A412. Poster Presentation.
16. **Zhong VW**, Pfaff ER, Thomas J, Jaacks LM, Carey TS, Beavers D, Saydah S, Lawrence JM, Hamman RF, Dabelea D, Pihoker C, Mayer-Davis EJ. Testing childhood diabetes case ascertainment methods based on published algorithms: the SEARCH for Diabetes in Youth Study, Carolina site. *Diabetes* 2013;62(Suppl.1):A420. Guided Audio Poster Tour Presentation.
17. **Zhong VW**, Pfaff ER, Thomas J, Jaacks LM, Carey TS, Beavers D, Saydah S, Lawrence JM, Hamman RF, Dabelea D, Pihoker C, Mayer-Davis EJ. Exploration of efficient case ascertainment methods for surveillance of childhood diabetes using electronic health data: the SEARCH for Diabetes in Youth Study, Carolina site. *Diabetes* 2013;62(Suppl. 1):A402. Poster Presentation.

## STATISTICAL PROGRAMMING SKILLS

Primary software: SAS

Some experience with R, PLINK, SNPTEST, QCTOOL, and METAL in LINUX/UNIX operating environment

## LANGUAGES

Chinese (native), English