

Joshua D. Bundy, PhD, MPH

Business Address: Tulane University
 Department of Epidemiology
 1440 Canal Street, Suite 2000
 New Orleans, LA 70112

Office Phone: +1-504-988-3970

Email: jbund1@tulane.edu

EDUCATION

<u>Date</u>	<u>Institution</u>	<u>Degree</u>	<u>Discipline</u>
2010	Johns Hopkins University	BA	Public Health Studies
2014	Tulane University	MPH	Epidemiology
2017	Tulane University	PhD	Epidemiology

POSTDOCTORAL TRAINING

<u>Dates</u>	<u>Institution</u>	<u>Discipline</u>
2017-9	Northwestern University	Cardiovascular Disease Epidemiology and Prevention

ACADEMIC APPOINTMENT

<u>Dates</u>	<u>Title</u>	<u>Institution</u>	<u>Department</u>
2019-	Assistant Professor	Tulane University	Epidemiology

WORK EXPERIENCE

<u>Dates</u>	<u>Title</u>	<u>Institution</u>	<u>Department</u>
2011-2	Public Health Sanitarian	Minnesota Department of Health	Environmental Health
2013	Practicum Student	Louisiana Office of Public Health	Infectious Disease

HONORS AND AWARDS

2014 Delta Omega Society Inductee, Eta Chapter, Tulane University
 2016 First Place, Delta Omega (Eta Chapter) Poster Contest, Tulane University
 2017 Mary Elizabeth O'Connor Memorial Scholarship Award, Tulane University
 2018 Kidney STARS Program Awardee, American Society of Nephrology
 2020 Jeremiah and Rose Stamler Research Award for New Investigators, American Heart Association
 2020 NIH Loan Repayment Program Award Recipient, National Institutes of Health (2020-22)

INSTITUTIONAL SERVICE

2016-7 Manager, Department of Epidemiology Doctoral Journal Club, Tulane University
 2020- Member, School of Public Health & Tropical Medicine Nominating Committee, Tulane University
 2020- Member, Antiracism Task Force – Curriculum Committee, Tulane University
 2021- Treasurer, Delta Omega Honorary Society, Eta Chapter, Tulane University

CAREER DEVELOPMENT ACTIVITIES

2020 Write Winning Grant Proposals, Grant Writers' Seminars & Workshops
 2020 Online Teaching Training, Tulane University Center for Engaged Learning & Teaching (CELT)

PARTICIPATION IN PROFESSIONAL SOCIETIES AND EXTRAMURAL ORGANIZATIONS

2016- American Heart Association
 2017- American Society of Nephrology

EDITORIAL AND MANUSCRIPT REVIEW RESPONSIBILITIES

American Heart Journal (2021), 1 review
 American Journal of Hypertension (2020), 1 review

American Journal of Kidney Diseases (2019-22), 8 reviews
 American Journal of Public Health (2019), 1 review
 Circulation (2019), 1 review
 Clinical Journal of the American Society of Nephrology (2020-21), 2 reviews
 Clinical Medicine Insights: Cardiology (2018), 1 review
 Hypertension (2022), 2 reviews
 International Journal of Environmental Research and Public Health (2018), 1 review
 Journal of Human Hypertension (2020), 2 reviews
 Journal of the American College of Cardiology (2018-21), 3 reviews
 Journal of the American Heart Association (2020-22), 5 reviews
 Journal of the American Medical Association (2018-22), 4 reviews
 Journal of the American Medical Association – Cardiology (2018), 1 review
 Journal of the American Medical Association – Internal Medicine (2018), 2 reviews
 Journal of the American Society of Hypertension (2018-9), 2 reviews
 Journal of the American Society of Nephrology (2018-22), 4 reviews
 Nephrology Dialysis Transplantation (2019-22), 3 reviews
 Ochsner Journal (2019), 1 review
 Scientific Reports (2021), 1 review

NATIONAL AND INTERNATIONAL SCIENTIFIC SERVICE

Abstract Reviewer, American Society of Nephrology Kidney Week Meeting (2019-20)
 Moderator, American Heart Association Epidemiology/Lifestyle Scientific Sessions (2021)

PUBLICATIONS AND SCHOLARLY WORK

A. Original Investigations

1. Mills KT, Xu Y, Zhang W, **Bundy JD**, Chen C-S, Kelly TN, He J. A systematic analysis of worldwide population-based data on the global burden of chronic kidney disease in 2010. *Kidney Int* 2015; 88(5):950-957.
2. Mills KT, **Bundy JD**, Kelly TN, Reed JE, Kearney PM, Reynolds K, Chen J, He J. Global Disparities of Hypertension Prevalence and Control: A Systematic Analysis of Population-Based Studies From 90 Countries. *Circulation* 2016; 134(6): 441-450.
3. **Bundy JD**, Li C, Stuchlik P, Bu X, Kelly TN, Mills KT, He H, Chen J, Whelton PK, He J. Systolic Blood Pressure Reduction and Risk of Cardiovascular Disease and Mortality: A Systematic Review and Network Meta-Analysis. *JAMA Cardiol* 2017; 2(7):775-781.
4. **Bundy JD**, Chen J, Yang W, Budoff M, Go AS, Grunwald JE, Kallem RR, Post WS, Reilly MP, Ricardo AC, Rosas SE, Zhang X, He J. Risk factors for progression of coronary artery calcification in patients with chronic kidney disease. *Atherosclerosis* 2018; 271:53-60.
5. **Bundy JD***, Mills KT*, Chen J, Li C, Greenland P, He J. Estimating the Association of the 2017 and 2014 Hypertension Guidelines With Cardiovascular Events and Deaths in US Adults: An Analysis of National Data. *JAMA Cardiol* 2018; 3(7):572–581.
*Contributed equally
6. **Bundy JD**, Bazzano L, Xie D, Cohan J, Dolata J, Fink JC, Hsu C-Y, Jamerson K, Lash JP, Makos G, Steigerwalt S, Wang X, Mills KT, Chen J, He J. Self-reported Tobacco, Alcohol, and Illicit Drug Use and Progression of Chronic Kidney Disease. *Clin J Am Soc Nephrol* 2018; 13(7):993-1001.
7. Chen J, **Bundy JD**, Hamm LL, Hsu C-Y, Lash JP, Miller ER, Thomas G, Cohen DL, Weir MR, Raj DS, Chen H-Y, Xie D, Rao PS, Wright JT, Rahman M, He J. Inflammation and Apparent Treatment-Resistant Hypertension in Patients with Chronic Kidney Disease. *Hypertension* 2019; 73(4):785-793.
8. **Bundy JD**, Cai X, Scialla JJ, Dobre MA, Chen J, Hsu C-Y, Leonard MB, Go AS, Rao PS, Lash JP, Townsend RR, Feldman HI, de Boer IH, Block GA, Wolf M, Smith ER, Pasch A, Isakova T. Serum Calcification Propensity and Coronary Artery Calcification among Patients with Chronic Kidney Disease: The CRIC Study. *Am J Kidney Dis* 2019; 73(6):806-814.

9. **Bundy JD**, Cai X, Mehta R, Scialla JJ, Block GA, Feldman HI, de Boer IH, Lash JP, Chen J, Hsu C-Y, Dobre M, Lee J, Leonard MB, Rao PS, Go AS, Townsend RR, Smith ER, Pasch A, Isakova T. Serum Calcification Propensity and Clinical Events in CKD. *Clin J Am Soc Nephrol* 2019; 14(11):1562-1571.
10. **Bundy JD**, Heckbert SR, Chen LY, Lloyd-Jones DM, Greenland P. Evaluation of Novel Risk Prediction Models of Atrial Fibrillation: the Multi-Ethnic Study of Atherosclerosis (MESA). *Am J Cardiol* 2020; 125(1):55-62.
11. Razavi AC, Potts KS, Kelly TN, He J, Fernandez C, Krousel-Wood MA, Anderson AH, **Bundy JD**, Whelton SP, Blumenthal RS, Lloyd-Jones DM, Bazzano LA. Pooled cohort equations heart failure risk score predicts cardiovascular disease and all-cause mortality in a nationally representative sample of US adults. *BMC Cardiovasc Disord* 2020; 20(1):202.
12. Tanaka Y, **Bundy JD**, Allen NB, Uddin SMI, Feldman DI, Michos ED, Heckbert SR, Greenland P. Association of erectile dysfunction with incident atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis (MESA). *Am J Med* 2020; 133(5):613-620.
13. Prasada S, Rivera A, Nishtala A, Pawlowski AE, Sinha A, **Bundy JD**, Chadha SA, Ahmad FS, Khan SS, Achenbach C, Palella FJ, Ramsey-Goldman R, Lee YC, Silverberg JI, Taiwo BO, Shah SJ, Lloyd-Jones DM, Feinstein MJ. Differential Associations of Chronic Inflammatory Diseases with Incident Heart Failure. *JACC Heart Fail* 2020; 8(6):489-498.
14. **Bundy JD**, Ning H, Paluch AE, Zhong VW, Lloyd-Jones DM, Wilkins JT, Allen NB. Ideal Cardiovascular Health and Lifetime Risk of Cardiovascular Disease: the Cardiovascular Disease Lifetime Risk Pooling Project. *Circ Cardiovasc Qual Outcomes* 2020; 13:e006450.
15. Rahman M, Wang X, **Bundy JD**, Charleston J, Cohen D, Cohen J, Drawz PE, Ghazi L, Horowitz E, Lash JP, Schrauben S, Weir MR, Xie D, Townsend RR. Prognostic Significance of Ambulatory BP Monitoring in CKD: A Report from the Chronic Renal Insufficiency Cohort (CRIC) Study. *J Am Soc Nephrol* 2020; 31(11):2609-2621.
16. Chen J, Hamm LL, **Bundy JD**, Kumbala DR, Bodana S, Sehgal C, Chen C-S, Starcke CC, Guo Y, Schaefer CM, Lustigova E, Mahone E, Vadalía AM, Linvingston T, Obst K, Hernandez J, Bokhari SR, Kleinpeter M, Apple BA, Lukitsch I, He H, Nieman DC, He J. Combination Treatment with Sodium Nitrite and Isoquercetin on Endothelial Dysfunction among Patients with CKD: A Randomized Phase 2 Pilot Trial. *Clin J Am Soc Nephrol* 2020; 15(11):1566-1575.
17. Perak AM, Ning H, Khan S, **Bundy JD**, Allen NB, Lewis CE, Jacobs DR, Van Horn L, Lloyd-Jones DM. Associations of Cardiovascular Health During Late Adolescence/Young Adulthood with Premature Cardiovascular Disease and Mortality. *J Am Coll Cardiol* 2020; 76(23):2695-2707.
18. **Bundy JD**, Zhu Z, Ning H, Zhong VW, Paluch AE, Wilkins JT, Lloyd-Jones DM, Whelton PK, He J, Allen NB. Estimated Impact of Achieving Optimal Cardiovascular Health Among US Adults on Cardiovascular Disease Events. *J Am Heart Assoc* 2021; 10(7):e019681.
19. **Bundy JD**, Jaeger BC, Huffman MD, Booth JN, Thomas SJ, Knox SS, Shimbo D, Lewis CE, Schwartz JE, Edwards LJ, Muntner P. Twenty-Five-Year Changes in Office and Ambulatory Blood Pressure: Results from the Coronary Artery Risk Development in Young Adults (CARDIA) Study. *Am J Hypertens* 2021; 34(5):494-503.
20. Jaeger BC, Akinyelure OP, Sakhuja S, **Bundy JD**, Lewis CE, Yano Y, Howard G, Shimbo D, Muntner P, Schwartz JE. Number and timing of ambulatory blood pressure monitoring measurements. *Hypertens Res* 2021; 44(12):1578-1588. doi: 10.1038/s41440-021-00717-y.
21. Jaeger BC, Sakhuja S, Hardy ST, Akinyelure OP, **Bundy JD**, Muntner P, Whelton PK. Predicted cardiovascular risk for US adults with diabetes, chronic kidney disease, and ≥ 65 years of age. *J Hypertens* 2022; 40(1):94-101. doi: 10.1097/HJH.0000000000002982.
22. He J, Zhu Z, **Bundy JD**, Dorans KS, Chen J, Hamm LL. Trends in cardiovascular risk factors in US adults by race and ethnicity and socioeconomic status, 1999-2018. *JAMA* 2021; 326(13):1286-1298.
23. Zhu Z, **Bundy JD**, Mills KT, Bazzano LA, Kelly TN, Zhang Y, Chen J, He J. Secular Trends in Cardiovascular Health in US Adults (from NHANES 2007 to 2018). *Am J Cardiol* 2021; 159:121-128.

24. **Bundy JD**, Mills KT, Anderson AH, Yang W, Chen J, He J. Prediction of End-stage Kidney Disease Using Estimated Glomerular Filtration Rate with and without Race: A Prospective Cohort Study. *Ann Intern Med* 2022; 175(3):305-313. doi: 10.7326/M21-2928.
25. Frazier R, Cai X, Lee J, **Bundy JD**, Jovanovich A, Chen J, Deo R, Lash JP, Anderson AH, Go AS, Feldman HI, Shafi T, Rhee E, Miyazaki M, Chonchol M, Isakova T. Deoxycholic Acid and Risks of Cardiovascular Events, End-Stage Kidney Disease and Mortality in CKD: The CRIC Study. *Kidney Med* 2022; 4(1):100387. doi: 10.1016/j.xkme.2021.09.004.
26. **Bundy JD**, Rahman M, Matsushita K, Jaeger BC, Cohen JB, Chen J, Deo R, Dobre MA, Feldman HI, Flack J, Kallem RR, Lash JP, Seliger S, Shafi T, Weiner SJ, Wolf M, Yang W, Allen NB, Bansal N, He J. Risk Prediction Models for Atherosclerotic Cardiovascular Disease in Patients with Chronic Kidney Disease: The CRIC Study. *J Am Soc Nephrol* 2022; 33(3):601-611.
27. Jovanovich A, Cai X, Frazier R, **Bundy JD**, He J, Rao P, Lora C, Dobre M, Go AS, Shafi T, Feldman HI, Rhee E, Miyazaki M, Isakova T, Chonchol M. Deoxycholic Acid and Coronary Artery Calcification in the Chronic Renal Insufficiency Cohort. *J Am Heart Assoc* 2022; 11(7):e022891.
28. Dorans KS, Bazzano LA, Li X, **Bundy JD**, Tian L, He J. Lifestyle Behaviors and Cardiovascular Risk Profiles Among Parous Women by Gestational Diabetes Status, 2007–2018. *Nutr Metab Cardiovasc Dis* 2022; 32(5):1121-1130.

B. Reviews, Letters, Editorials

1. **Bundy JD**, He J. Hypertension and Related Cardiovascular Disease Burden in China. *Ann Glob Health* 2016; 82(2):227-233.
2. **Bundy JD**, Whelton PK, He J. Safety vs Efficacy of Lowering Blood Pressure-Reply. *JAMA Cardiol* 2017; 2(12):1399-1400.
3. **Bundy JD**, Mills KT, He J. Comparison of the 2017 ACC/AHA Hypertension Guideline with Earlier Guidelines on Estimated Reductions in Cardiovascular Disease. *Curr Hypertens Rep* 2019; 21(10):76
4. Whelton SP, **Bundy JD**, Whelton PK. Coronary Atherosclerosis Across the Continuum of Blood Pressure. *Am J Hypertens* 2021; Epub ahead of print. doi: 10.1093/ajh/hpab058
5. Whelton PK, **Bundy JD**, Carey RM. Intensive Blood Pressure Treatment Goals: evidence for cardiovascular protection from observational studies and clinical trials. *Am J Hypertens* 2022; Epub ahead of print. doi: 10.1093/ajh/hpac045.

C. Abstracts

1. Mills KT, **Bundy JD**, Kelly TN, Reed JE, Kearney PM, Reynolds K, Chen J, He J. Global burden and control of hypertension in 2010: analysis of population-based studies from 89 countries. Presented at the American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2015 Scientific Sessions. March 3-6, 2015. Baltimore, MD. Abstract#32. *Circulation*. 2015; 131:A32.
2. Mills KT, Xu Y, Zhang W, **Bundy JD**, Chen C, Kelly TN, Chen J, He J. Global burden of chronic kidney disease in 2010: a pooling analysis of population-based data worldwide. Presented at the American Heart Association's Epidemiology and Prevention/Lifestyle and Cardiometabolic Health 2015 Scientific Sessions. March 3-6, 2015. Baltimore, MD. Abstract#MP40. *Circulation*. 2015; 131:AMP40.
3. Mills KT, **Bundy JD**, Kelly TN, Reed JE, Kearney PM, Reynolds K, Chen J, He J. Global burden of hypertension: analysis of population-based studies from 89 countries. Presented at the 11th Asia Pacific Congress of Hypertension 2015. June 4-7, 2015. Bali, Indonesia. *J Hypertens* 2015; 33: e-Supplement 2.
4. Mills KT, Xu Y, Zhang W, **Bundy JD**, Chen CS, Kelly TN, He J, Chen J. Global burden of chronic kidney disease in 2010: a systematic analysis of population-based data worldwide. Presented at the 11th Asia Pacific Congress of Hypertension 2015. June 4-7, 2015. Bali, Indonesia. *J Hypertens* 2015; 33: e-Supplement 2.
5. Mills KT, **Bundy JD**, Kelly TN, Reed JE, Kearney PM, Reynolds K, Chen J, He J. Global disparities of hypertension prevalence and control: a systematic analysis of population-based studies from 90 countries.

Presented at the American Heart Association Scientific Sessions 2015. November 7-11, 2015, Orlando, FL. Abstract#16828. *Circulation*. 2015; 132:A16828.

6. **Bundy JD**, Li C, Stuchlik P, Bu X, Kelly TN, Mills KT, He H, Chen J, Whelton PK, He J. Treated systolic blood pressure and risk of cardiovascular disease and mortality: a network meta-analysis. Orally presented at the Epidemiology Congress of the Americas 2016. June 21-24, 2016, Miami, FL. Abstract#L14.
7. **Bundy JD**, Li C, Stuchlik P, Bu X, Kelly TN, Mills KT, He H, Chen J, Whelton PK, He J. Treated systolic blood pressure and risk of cardiovascular disease and mortality: a network meta-analysis. Poster presented at the American Public Health Association Annual Meeting 2016. October 29-November 2, 2016, Denver, CO. Abstract#4255.4.
8. **Bundy JD**, Li C, He J. Impact of intensive systolic blood pressure treatment on cardiovascular disease and mortality in the US population. Poster presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2017. March 7-10, 2017, Portland, OR. Abstract#P180. *Circulation*. 2017; 135:AP180.
9. **Bundy JD**, Chen J, Yang W, Budoff M, Appel LJ, Go AS, Grunwald JE, Kallem RR, Mohler ER, Post WS, Reilly MP, Ricardo AC, Rosas SE, Zhang X, He J. Risk factors for progression of coronary artery calcification in patients with chronic kidney disease. Poster presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2017. March 7-10, 2017, Portland, OR. Abstract#P370. *Circulation*. 2017; 135:AP370.
10. **Bundy JD**, Bazzano L, Xie D, Cohan J, Dolata J, Fink JC, Hsu C-Y, Jamerson K, Lash J, Makos G, Robinson N, Steigerwalt S, Wang X, Mills KT, Chen J, He J. Self-reported Tobacco, Alcohol, and Illicit Drug Use and Progression of Chronic Kidney Disease. Poster presented at the American Society of Nephrology Kidney Week 2017. November 2-5, 2017, New Orleans, LA. Abstract#FR-PO425. *JASN*. 2018.
11. Chen J, **Bundy JD**, Hamm LL, Hsu C-Y, Lash J, Miller ER, Thomas G, Cohen DL, Raj DS, Chen SH, Xie D, Rao P, Weir MR, Wright JT, Rahman M, He J. Inflammation and Apparent Treatment Resistant Hypertension in Patients with Chronic Kidney Disease. Presented at the American Society of Nephrology Kidney Week 2017. November 2-5, 2017, New Orleans, LA. Abstract#FR-PO570. *JASN*. 2018.
12. **Bundy JD**, Cai X, Scialla JJ, Block GA, Feldman HI, de Boer IH, Lash JP, Chen J, Hsu C-Y, Dobre M, Lee J, Leonard MB, Rao PS, Go AS, Townsend RR, Wolf MS, Pasch A, Isakova T. Association of Serum Calcification Propensity with Presence and Progression of Coronary Artery Calcification among Patients with Chronic Kidney Disease. Orally presented at the American Society of Nephrology Kidney Week 2018. October 25-28, 2018, San Diego, CA. Abstract#TH-OR024. *JASN*. 2019.
13. **Bundy JD**, Heckbert SR, Chen LY, Lloyd-Jones DM, Greenland P. A Novel Risk Prediction Model of Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis (MESA). Orally presented at the American Heart Association Scientific Sessions 2018. November 10-12, 2018, Chicago, IL. Abstract#13208. *Circulation*. 2018;138:A13208.
14. Khan SS, Shah NS, Ning H, Labarthe DR, Huffman MD, **Bundy JD**, O'Flaherty M, Capewell S, Lloyd-Jones DM. Cardiovascular Health Behavior and Health Factor Trends (1999-2014) and Projections to 2050: Results From the National Health and Nutrition Examination Surveys. Presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2019. March 5-8, 2019, Houston, TX. Abstract#MP01. *Circulation*. 2019; 139:MP01.
15. **Bundy JD**, Ning H, Paluch AE, Zhong VW, Lloyd-Jones DM, Wilkins JT, Allen NB. Ideal Cardiovascular Health and Lifetime Risk of Cardiovascular Disease: the Cardiovascular Disease Lifetime Risk Pooling Project. Moderated poster presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2019. March 5-8, 2019, Houston, TX. Abstract#MP22. *Circulation*. 2019; 139:MP01.
16. **Bundy JD**, Cai X, Mehta R, Scialla JJ, Block GA, Feldman HI, de Boer IH, Lash JP, Chen J, Hsu CY, Dobre MA, Leonard MB, Rao PS, Go AS, Townsend RR, Smith ER, Pasch A, Isakova T. Serum Calcification Propensity and Cardiovascular Disease Events Among Patients with Chronic Kidney Disease: the CRIC Study. Poster presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2019. March 5-8, 2019, Houston, TX. Abstract#P063. *Circulation*. 2019; 139:P063.
17. Jovanovich AJ, Cai X, Frazier R, **Bundy JD**, He J, Rao PS, Lora CM, Dobre MA, Go AS, Shafi T, Feldman HI, Rhee EP, Chonchol M, Miyazaki M, Isakova T. Deoxycholic Acid (DCA) and Coronary Artery

Calcification (CAC) in the Chronic Renal Insufficiency Cohort (CRIC). Poster presented at the American Society of Nephrology Kidney Week 2019. November 5-10, 2019, Washington, DC. Abstract#FR-PO285. JASN. 2020.

18. Chen J, Hamm LL, **Bundy JD**, Kumbala DR, Bodana S, Chen C-S, Starcke, CC, Mahone E, Badalia A, Obst KM, Bokhari SRA, Alper AB, Lukitsch I, Kleinpeter MA, He H, He J. Nitrite, Isoquercetin, and Endothelial Dysfunction Trial (NICE trial): Design and Preliminary Data. Poster presented at the American Society of Nephrology Kidney Week 2019. November 5-10, 2019, Washington, DC. Abstract#SA-PO912. JASN. 2020.
19. Tanaka Y, **Bundy JD**, Allen NB, Uddin SMI, Feldman DI, Michos ED, Heckbert SR, Greenland P. Association of erectile dysfunction with incident atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis (MESA). Presented at the American Heart Association Scientific Sessions 2019. November 16-18, 2019, Philadelphia, PA. Abstract#10123. Circulation. 2019;140:A10123.
20. **Bundy JD**, Zhu Z, Ning H, Zhong VW, Paluch AE, Whelton PK, Lloyd-Jones DM, Wilkins JT, He J, Allen NB. Estimated Impact of Achieving Optimal Cardiovascular Health in the US Adult Population on Cardiovascular Disease Events. Orally presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2020. March 3-6, 2020, Phoenix, AZ. Abstract#35. Circulation. 2020; 141:35.
21. He J, Zhu Z, **Bundy JD**, Mills KT, Bazzano LA, Kelly TN, Zhang Y, Chen J. Cardiovascular Health in US Adults Before and After Publication of the American Heart Association 2020 Impact Goals: Results From NHANES 2005-2016. Presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2020. March 3-6, 2020, Phoenix, AZ. Abstract#P101. Circulation. 2020; 141:P101.
22. Khan SS, Ning H, Allen NB, **Bundy JD**, Wilkins JT, Lloyd-Jones DM. Potential U.S. Population Impact Of Low Cardiovascular Health In Terms Of Preventable Loss Of Life-span And Health-span. Presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2020. March 3-6, 2020, Phoenix, AZ. Abstract#P102. Circulation. 2020; 141:P102.
23. Ley SH, Li Y, Rexrode KM, Eliassen AH, **Bundy JD**, He J, Bazzano LA. Age at Menarche, Type 2 Diabetes, and Cardiovascular Disease Complications in U.S. Women Under 65 Years: NHANES, 1999-2016. Presented at the American Diabetes Association Scientific Sessions 2020. June 12-16, 2020, Virtual Experience. Abstract#1510-P. Diabetes. 2020; Volume 69 Supplement 1.
24. Perak AM, Ning H, Khan S, **Bundy JD**, Allen NB, Lewis CE, Jacobs DR, Van Horn L, Lloyd-Jones DM. Associations of Cardiovascular Health During Late Adolescence/Young Adulthood with Premature Cardiovascular Disease and Mortality. Presented at the American Heart Association Scientific Sessions 2020. November 17, 2020, Virtual Experience. Abstract#16828. Circulation. 2020; 142:A195.
25. Zaroni F, Verbitsky M, Marasa M, **Bundy JD**, Parsa A, Kiryluk K, Feldman HI, Gharavi AG. Family History of Diabetes Is Associated with Progression of Kidney Disease: The CureGN and CRIC studies. Poster presented at the American Society of Nephrology Kidney Week 2020. October 22-25, 2020, Virtual Experience. Abstract#PO1873. JASN. 2021.
26. **Bundy JD**, Hendel RC, Krousel-Wood M, Whelton PK, He J. Sex Differences in the Prevalence of Ideal Cardiovascular Health Among US Adults. Orally presented at the Annual Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Meeting 2020. December 14, 2020, Virtual Experience. Abstract#16828. J Womens Health. 2020; 29:A12-13.
27. **Bundy JD**, Tian L, Budoff M, Dobre M, Reilly MP, Mehta R, Townsend RR, Rader D, Saab G, Scialla JJ, Jaar B, Greenland P, Lash JP, Isakova T. Progression of Coronary Artery Calcification and Risk of Cardiovascular Disease among Patients with Chronic Kidney Disease. Poster presented at the American Heart Association Epi/Lifestyle Scientific Sessions 2021. May 20-21, 2021, Virtual Experience. Abstract#P037. Circulation. 2021; 143:P037.
28. Madkour A, Silvestre E, Bell C, Judson J, Williams B, Cruz K, **Bundy JD**, Harris E, Breckenridge A, Fleckman J, Moses L, Schulze K, Walker A, Wu K, Santos M, Major M, LaVeist T. Developing anti-racism competencies for MPH/MHA programs: Process and outcomes at Tulane University School of Public Health and Tropical Medicine. Presented at the American Public Health Association Annual Meeting 2021. October 24-27, 2021, Denver, CO. Abstract#4000.1.

Differences research in the field of cardiovascular disease (CVD) and related diseases. The program focuses on CVD and related diseases because of the impacts of heart disease on women, the existing knowledge gaps on the sex differences in CVD across the research spectrum, and the strength of this focus at Tulane.

Role: Scholar

P20 GM109036 He (PI); Bundy (PPL) 04/01/20-03/31/21

NIH/NIGMS

Effects of Metabolites on Dietary Protein-Related Reductions in Blood Pressure

Awarded pilot funding through the Tulane University Centers of Biomedical Research Excellence

(P20GM109036; PI: Jiang He) to investigate the metabolic mechanisms underpinning the blood pressure lowering effects of soy and milk protein supplementation. This project measures the serum metabolome among stored samples from the Protein and Blood Pressure (ProBP) Study, a crossover randomized controlled trial.

Role: Pilot Project Leader

T32 HL069771 Carnethon (PI) 10/01/17-06/30/19

NIH/NHLBI

Research and Training in CVD Epidemiology and Prevention

This T32 Training Program is designed to prepare the next generation of researchers who will fill manpower needs in cardiovascular disease (CVD) epidemiology and prevention research. CVD remains the leading cause of death and a leading source of disability in the United States and throughout the world. The goal of the Training Program is to assure that a talented and well-trained group of MD and PhD researchers will be able to address the research needs and opportunities in the years to come to improve understanding of the causes of CVD, improve prevention and early disease detection, and help improve treatments for people who have developed CVD.

Role: Post-Doctoral Scholar

TEACHING EXPERIENCE

Tulane University, New Orleans, LA

- 2015 Guest Lecturer, Outbreak Epidemiology (Susan Hassig), "Epi Info 7: A Brief Introduction"
- 2016 Guest Lecturer, Outbreak Epidemiology (Susan Hassig), "Epi Info 7: A Brief Introduction"
Guest Lecturer, Meta-Analysis (Tanika Kelly), "Conducting an Electronic Search"
Guest Lecturer, Observational Epidemiology (Emily Harville), "Exposure and Outcome Assessment"
- 2017 Guest Lecturer, Meta-Analysis (Tanika Kelly), "Conducting an Electronic Search"
- 2019 Guest Lecturer, Meta-Analysis (Tanika Kelly), "Conducting an Electronic Search"
- 2020 Guest Lecturer, Meta-Analysis (Tanika Kelly), "Conducting an Electronic Search"
- 2021 Instructor, Epidemiology for Public Health, Spring 2021
Guest Lecturer, Meta-Analysis (Tanika Kelly), "Conducting an Electronic Search"
- 2022 Instructor, Epidemiology for Public Health, Spring 2022
Instructor, Clinical and Translational Research Methods, Fall 2022
Guest Lecturer, Meta-Analysis (Katherine Mills), "Conducting an Electronic Search"

Northwestern University, Chicago, IL

- 2018 Guest Lecturer, Systematic Review and Meta-analysis (Mark Huffman), "Advanced Methods"

Guest Lecturer, Research Methods for Genetic Counseling (Debra Duquette), “Causality and Bias” and
“Survey Design Methods”

TECHNICAL SKILLS

A. Areas of Expertise

Epidemiologic methods, biostatistics, cardiovascular disease epidemiology, chronic kidney disease epidemiology, risk prediction, meta-analysis, pooled cohort analysis, clinical trials, study design

B. Statistical Analysis and Database Software

SAS, R, Stata, SPSS, WinBUGS, Epi Info, Microsoft Access, REDCap, SQL Server