

## Linda B. Piller, MD, MPH

Associate Professor of Epidemiology, Human Genetics and Environmental Sciences  
Associate Professor of Biostatistics (Secondary Appointment)  
The University of Texas Health Science Center-Houston School of Public Health  
Coordinating Center for Clinical Trials

### CONTACT INFORMATION

Address: UTHHealth-Houston School of Public Health  
1200 Pressler St., E-621  
Houston, TX. 77030

Telephone: 713-500-9507 (W) 713-408-8928 (mobile)

FAX: 713-500-9264

Email: Linda.B.Piller@uth.tmc.edu

### EDUCATION/MEDICAL TRAINING

The University of Texas Health Science Center at Houston, Houston Texas

- Medical Residency Training
  - Department of Pathology and Laboratory Medicine 1986-1991
  - Anatomic and Clinical Pathology 1988-1989
  - Chief Resident 1988-1989
- Texas Medical License #H2691 1986
- Medical Degree (M.D.) 1986

Houston Baptist University, Houston, Texas

- Pre-medical coursework 1980-1982

Houston Community College, Houston, Texas

- Pre-medical coursework 1980-1982

The University of Texas Health Science Center at Houston, Houston Texas

- Master of Public Health 1979
  - Health Services Organization

The University of Houston, Houston, Texas

- Bachelor of Science 1975
  - Summa cum laude*
  - Major: Education
  - Minor: Psychology
- Texas Teacher's Certificate (Permanent) 1976

The University of Texas at Austin, Austin, Texas 1972-1973

## HONORS AND AWARDS

The University of Texas Health Science Center at Houston  
Faculty Honors Convocation Recognition for International and National Honors in Research  
(ALLHAT) 2002-2003

## PROFESSIONAL EXPERIENCE

### UTHealth-School of Public Health

Dual Degree Faculty Lead for Houston MD/MPH and DDS/MPH Programs	2017 - ongoing
Director, Multidisciplinary Programs	2016 - 2017
Associate Professor of Epidemiology, Human Genetics, and Environmental Sciences	2008 - present
Associate Professor of Biostatistics (secondary appointment)	2008 - present
Assistant Professor of Epidemiology and Disease Control (formerly Assistant Professor of Biological Sciences)	2001 - 2008
Assistant Professor of Biostatistics (secondary appointment)	2007 - 2008
Faculty Associate	1996 - 2000
Research Associate	1995 - 1996

### The University of Texas Graduate School of Biomedical Sciences

Adjunct Associate Professor	2011 - 2012
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Kott and Associates Medical Laboratories Associate Director and Pathologist	1991 - 1995
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### The University of Texas Health Science Center at Houston School of Medicine Department of Pathology and Laboratory Medicine

Chief Resident	1988 - 1989
Resident Physician	1986 - 1991

Beth Yeshurun Day School, Houston, TX Elementary school teacher	1976 - 1980
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## RESEARCH EXPERIENCE

### Grants and Contracts

“Cardiovascular Cell Therapy Research Network (CCTRN)” NHLBI Cooperative Agreement U01HL087318-01 Data Coordinating Center (Lemuel Moyé, MD, PhD, Principal Investigator) Role: Co-Investigator/Safety Officer - 30% effort through 5/1/2016 5% effort as of 5/2/2016	2008 - 2019
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<p>“Texas Recruits and Retains: A Dental Public Health Workforce Development Program”  Health Research and Services Administration (HRSA)  (Ana Christina Candia Solari Neumann, DDS, MPH, Principal Investigator)  Role: Co-Investigator - 5% effort</p>	<p>2018 - 2022</p>
<p>“Annual Anal Sampling Using DNA Screening to Identify Men who Have Sex with Men at Increased Risk for Anal Cancer”  R01 CA215403: National Cancer Institute (NIH)  (Alan Nyitray, PhD, Principal Investigator)  Role: Co-Investigator (10% effort through Aug. 31, 2018)</p>	<p>2017 - 2018</p>

**Grants Pending Submission October 11, 2018**

<p>“Allogeneic hMSC Injection in Patients with Hypoplastic Left Heart Syndrome (ELPIS)”  UG3/UH3: National Heart, Lung and Blood Institute (NIH)  (Barry Davis, MD, PhD, Principal Investigator)  Role: Co-Investigator  Proposed length of study: 5 years  Permission granted by NHLBI July 30, 2018 to submit application October 11, 2018</p>	<p>2019 - 2024</p>
<p>“Novel Initiative toward a Treatment Consensus for Hydroxyurea (NiTCH)”  UG3/UH3: National Heart, Lung and Blood Institute (NIH)  (Barry Davis, MD, PhD, Principal Investigator)  Role: Co-Investigator  Proposed length of study: 5 years  Permission granted by the NHLBI July 6, 2018 to submit application October 11, 2018</p>	<p>2020 - 2024</p>

**Grants Submitted and Pending Review**

<p>“Tight Blood Pressure Control and Cardiovascular Outcomes in Hypertensive Patients” – Resubmission ALLHAT IV  R01: National Heart, Lung and Blood Institute (NIH)  (Barry Davis, MD, PhD, Principal Investigator)  Role: Co-Investigator (20% effort)</p>	<p>2019 - 2023</p>
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Submitted to NHLBI, 2017  
*Outcome: Resubmitted*

## Unfunded Research

“A Study of Urgent Care Services for Primary Care Complaints” 2015 - 2018  
(Trudy Krause, DrPH, Principal Investigator)  
Role: Co-Investigator

## Grants Not Funded

“Tight Blood Pressure Control and Cardiovascular Outcomes in Hypertensive Patients 2018 - 2022  
Role: Co-Investigator  
(Barry R. Davis, MD, PhD, Principal Investigator)  
Submitted to NIHLB, 2015  
*Outcome: not funded*

“Autologous Cardiac Stem Cell Injection in Patients with Hypoplastic Left Heart Syndrome: An Open Label Pilot Study” 2018 - 2021  
(Barry R. Davis, MD, PhD, Principal Investigator)  
University of Miami  
Role: Co-Investigator  
*Outcome: not funded*

“NIH Biomarkers & Genes & Hypertension Outcomes & Treatments: Heart Failure Predictors in the ALLHAT Population” 2010 - 2015  
Role: Project Director  
*Outcome: not funded*

“NIH Challenge Grant application: A Research Data Repository, Case Report Form Library and Data Query System” 2009 - 2011  
(Specific Challenge Topic 10-RR-101)  
Role: Principal Investigator  
*Outcome: not funded*

“Systolic Pressure Reduction Intervention Trial (SPRINT) Coordinating Center” 2010 - 2018  
RFP NHLBI-HC-09-04.  
Role: Co-Investigator  
*Outcome: not funded*

“Pre-Hospital Administration of Lytic Therapy Coupled with Urgent Infarct Related Artery Revascularization (PATCAR).” (NHLBI R01) 2008 - 2013

Role: Data Coordinating Center Principal Investigator

*Outcome: not funded*

“Front of the Envelope” Application: Ethical Issues in Clinical Research, 2012

Outcome: Not funded

### **Completed Research Grants & Contracts**

“Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT)”

NHLBI DHHS Contract 3 (NO1-HC-35130)

NHLBIDDHHS Contract HHSN268201100036 C

Data Coordinating Center

(Barry Davis, Principal Investigator)

Role: Co-Investigator

Outcomes/Safety Officer

“TCD With Transfusions Changing to Hydroxyurea (TWiTCH)”NHLBI DHHS # 7R01HL095511-02

Data Coordinating Center

(Barry Davis, Principal Investigator)

Role: Co-Investigator/Safety Officer

“Fetal Growth Restriction and Maternal Cardiovascular Risk (Women and Infant Study of Healthy Hearts-WISH)”

NIH (NHLBI)5 R01 HL076532-02

(Roberta Ness, Principal Investigator)

Role: Co-Investigator

“Hypertension in Mexican-Americans: Assessing Disparities in Air Pollutant Risks”

EPA-G2009-STAR-E2

(Elaine Symanski, Principal Investigator)

Role: Co-Investigator

“Stress Reduction and Cardiovascular Morbidity and Mortality of African Americans”

NHLBI R01 HL48019 2004-2008

Role: Endpoints Consultant

“Stress Reduction and Atherosclerotic CVD in Blacks”

NHLBI R01 HL51519

Role: Endpoints Consultant

Sponsor - Bristol-Myers Squibb

(C. Mort Hawkins, Barry R. Davis, Co-Principal Investigators)

Role: Data Coordinating Center Events and Safety Officer

## PUBLICATIONS

1. Aggarwal P, Zaveri JS, Goepfert RP, Shi Quiling, Du XL, Swartz M, Gunn BG, Lai SY, Fuller CD, Hanna EY, Rosenthal DI, Lewin JS, **Piller LB**, Hutcheson KA. Symptom burden associated with late lower cranial neuropathy in long-term oropharyngeal cancer survivors. *JAMA Otolaryngology*. Accepted for publication July 26, 2018 (in press). Accepted for oral podium presentation at American Head and Neck Society 2018 Annual Meeting, held during the Combined Otolaryngology Spring Meetings (COSM) in Maryland on April 18, 2018.<sup>†</sup>
2. Xiaoying Yu, Wenyaw Chan, Michael Swartz, and **Linda B. Piller**. Joint models of dynamics of mothers' stress and children's disease. *Communications in Statistics - Simulation and Computation*. Accepted for publication February 19, 2018 (in press).<sup>†</sup>
3. Krause TM, Ganduglia Cazaban CM, **Piller LB**, Venkataraman V. Comparison of Utilization of Urgent Care and Primary Care 2011-2015. *Family Medicine and Care* 2018;1:1-2. DOI: 10.15761/FMC.1000102.
4. Haywood LJ, Davis BR, **Piller LB (Corresponding Author)**, Simpson LM, Ghosh A, Einhorn PT, Ford CE, Probstfield JL, Soliman EZ, Wright Jr. JT. Risk Factors Influencing Outcomes of Atrial Fibrillation in ALLHAT. *Journal of the National Medical Association* 2018;110:343-351. <http://doi.org/10.1016/j.jnma.2017.07.003>. PMID: PMC6108439.
5. Han BH, Sutin D, Williamson JD, Davis BR, **Piller LB**, Pervin H, Pressel SL, Blaum CS. Effect of Statin Treatment vs Usual Care on Primary Cardiovascular Prevention Among Older Adults: The ALLHAT-LLT Randomized Clinical Trial. *JAMA Internal Medicine* 2017; 177:955-965. doi:10.1001/jamainternalmed.2017.1442. PMID: PMC5543335.
6. Haywood LJ, Davis BR, **Piller LB (Corresponding Author)**, Cushman WC, Cutler JA, Ford CE, Simpson LM, Ghosh A, Soliman EZ. Influence of Prevalent and Incident Atrial Fibrillation on Post-Trial Major Events in ALLHAT. *Journal of the National Medical Association* 2017; 109:172-181. <https://doi.org/10.1016/j.jnma.2017.02.005>. PMID: PMC5635839
7. Bang CN, Soliman EZ, Simpson LS, Davis BR, Devereux RB, Okin PM, for the **ALLHAT Collaborative Research Group**. Electrocardiographic Left Ventricular Hypertrophy Predicts Cardiovascular Morbidity and Mortality in Hypertensive Patients: The ALLHAT Study. *American Journal of Hypertension* 2017; 30:914-922. <https://doi:10.1093/ajh/hpx067>
8. Emerson C. Perin, Michael P. Murphy, Keith L. March, Roberto Bolli, John Loughran, Phillip C. Yang, Nicholas J. Leeper, Ronald L. Dalman, Jason Q. Alexander, Timothy D. Henry, Jay H. Traverse, Carl J. Pepine, R. David Anderson, Scott Berceci, James T. Willerson, Raja Muthupillai, Amir A. Gahremanpour, Ganesh Raveendran, Omaidia C. Velazquez, Joshua M. Hare, Ivonne H. Schulman, Vijaykumar S. Kasi, William R. Hiatt, Bharath Ambale-Venkatesh, João A. Lima, Doris A. Taylor, Micheline M. Resende, Adrian P. Gee, April G. Durett, Jeannette Bloom, Sara Richman, Patricia G'Sell, Shari Williams, Fouzia Khan, Elsie G. Ross,

- Michelle R. Santoso, JoAnne Goldman, Dana Leach, Eileen Handberg, Benjamin Y.C. Cheong, Nichole A. Piece, Darcy DiFede, Barb Bruhn-Ding, Emily Caldwell, Judy Bettencourt, Dejian Lai, **Linda B. Piller**, Lara M. Simpson, Michelle Cohen, Shelly L. Sayre, Rachel W. Vojvodic, Lem Moyé, Ray F. Ebert, Robert D. Simari and Alan T. Hirsch for the Cardiovascular Cell Therapy Research Network (CCTRN) Evaluation of Cell Therapy on Exercise Performance and Limb Perfusion in Peripheral Artery Disease: The CCTRN Patients with Intermittent Claudication Injected with ALDH Bright Cells. *Circulation* 2017;135:1417-1428. PMID: PMC5388585.
9. Dhruvi P. Chen, Barry R. Davis, Lara M. Simpson, William C. Cushman, Jeffrey A. Cutler, Mirela Dobre, Charles E. Ford, Gail T. Louis, Paul Muntner, Suzanne Oparil, **Linda B. Piller**, Sara L. Pressel, Mark J. Sarnak, Paul K. Whelton, Jackson T. Wright, Mahboob Rahman. Association between Chronic Kidney Disease and Cancer Mortality: A Report from the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). *Clinical Nephrology* 2017;87:11-20. PMID: 27900942
  10. Tanzila Shams, MD; Alexander P. Auchus, MD; Suzanne Oparil, MD; Clinton B. Wright, MD; Jackson Wright, MD, PhD; Anthony J. Furlan, MD; Cathy A. Sila, MD; Barry R. Davis, MD, PhD; Sara Pressel, MS; Jose-Miguel Yamal, PhD; Paula T. Einhorn, MD, MS; Alan J. Lerner, MD; for the **ALLHAT Collaborative Research Group**. Baseline Quality of Life and Risk of Stroke in the ALLHAT Study (Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial). *Stroke*. 2017;48:3078-3085. DOI: 10.1161/STROKEAHA.117.016062.
  11. Poonawalla Insiya, **Piller LB**, Lairson DR, Chan W, Du XL. "Use of Hematopoietic Growth Factors and Risk of Thromboembolic and Pulmonary Toxicities in Elderly Patients with Advanced Ovarian Cancer." *Women's Health Issues*. Epub 2016 June 27. PMID: 27365286<sup>†</sup>
  12. Whittle J, Yamal JM, Williamson JD, Ford CE, Probstfield JL, Beard BL, Maginean H, Hamilton BP, Suhan PS, Davis Br, on behalf of the **ALLHAT Collaborative Research Group**. Clinical and Demographic Correlates of Medication and Visit Adherence in a Large Randomized Controlled Trial. *BMC Health Services Research*. Published online 8 July 2016. 16:236; 1-1. DOI 10.1186/s12913-016-1414-1-x\*
  13. Dewland TA, Soliman EZ, Davis BR, Magnani JW, Yamal JM, **Piller LB**, Haywood LJ, Alonso A, Albert CM, Marcus GM. Predictors of Conduction System Disease in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). *JAMA Intern Med* 2016;176(8):1085-1092. doi:10.1001/jamainternmed.2016.2502. PMID: 27367818.
  14. Geraci T, Carroll L, Kingry C, Johnson J, Egan D, Pressel S, and **Piller L (Corresponding Author)**. Exploring the Role of the Regional Coordinator. *Applied Clinical Trials*. Published online July 11, 2016.
  15. Ware W, Davis BR, Schultz W, Brown C, Aygun B, Sarnaik S, Odame I, Fuh B, George A, Owen W, Luchtman-Jones L, Rogers Z, Hilliard L, Gauger C, Piccone C, Lee M, Kwiatkowski J, Jackson S, Miller S, Roberts C, Heeney M, Kalfa T, Nelson S, Imran H, Nottage K, Alvarez O, Rhodes M, Thompson A, Rothman J, Helton K, Roberts R, Coleman J, Bonner M, Kutlar A, Patel N, JWood J, **Piller L**, Wei P, Luden J, Mortier N, Stuber S, Luban N, Cohen A, Pressel S, Adams R. TCD With Transfusions Changing to Hydroxyurea (TWITCH): a Multicentre, Randomised Controlled Trial. *The Lancet* 2016; 387 (10019):661-670. DOI: 10.1016/S0140-6736(15)01041-7. PMID: PMC5724392.

16. Souder M, **Piller LB (Corresponding Author)**, Ford CE, Geraci TS, Holland-Klemme LA, Louis GT, Pospisil RA. Investigator Characteristics and Participant Recruitment in ALLHAT. *Applied Clinical Trials*. Published online February/March, 2016.†
17. Alderman MH, Davis BR, **Piller LB (Corresponding Author)**, Ford CE, Baraniuk MS, Pressel SL, Assadi MA, Einhorn PT, Haywood LJ, Ilamathi E, Oparil S, Retta, TM. Prevalence and prognosis of pre-existing coronary heart disease in ALLHAT. Accepted for publication by *American Journal of Cardiology*. Should antihypertensive treatment recommendations differ in patients with and without coronary heart disease? (from the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial [ALLHAT]). *Am J Cardiol* 2016;117:105-115. PMID: PMC4690772.
18. Wallace SK, Nates JL, Price KJ, Rathi N, Haque S, Waller K, **Piller LB**, Tilley BC, Ensor JE. Two Decades of Intensive Care Unit Utilization and Hospital Outcomes in a Comprehensive Cancer Center. *Critical Care Medicine* 2016; 44 (5):926-933. doi: 10.1097/CCM.0000000000001568. PMID: 26765498.†
19. Poonawalla IB, **Piller LB**, Lairson DR, Chan W, Du XL. Impact of Hematopoietic Growth Factors on Blood Transfusion Needs. Incidence of Neutropenia and Overall Survival among Elderly Advanced Ovarian Cancer Patients Treated With Chemotherapy. *International Journal of Gynecological Cancer*. 2016;26:95-103. PMID: 26509851†
20. Wallace SK, Waller DK, Tilley BC, **Piller LB**, Price KJ, Rathi N, Haque S, Nates JL. Place of Death among Patients with Cancer at the End of Life. *Journal of Palliative Medicine* 2015; 18(8):667 - 676. PMID: 25927588.†
21. Poonawalla Insiya B, Lairson David R, Wenyaw Chan; **Piller Linda B**, Du Xianglin L. Cost-Effectiveness of Neoadjuvant Chemotherapy versus Primary Surgery in Elderly Patients with Advanced Ovarian Cancer. *Value in Health (Journal of the International Society for Pharmacoeconomics and Outcomes Research)* 2015;18:387-395. PMID: 26091592.†
22. **Piller LB (Corresponding Author)**, Simpson LM, Baraniuk S, Habib GB, Rahman M, Basile JN, Dart RA, Ellsworth AJ, Fendley H, Probstfield JL, Whelton PK, Davis BR, for the ALLHAT Collaborative Research Group. Characteristics and Long-Term Follow-Up of Participants with Peripheral Arterial Disease During ALLHAT. *J Gen Intern Med* 2014; 29(11):1475-83. doi: 10.1007/s11606-014-2947-1. PMID: PMC4238201.
23. Segal Cynthia G, Waller Kim, Tilley Barbara, **Piller Linda B**, Bilimoria Karl. An Evaluation of Differences in Risk Factors for Individual Types of Surgical Site Infections after Colon Surgery. *Surgery*. 2014 Nov;156:1253-60. doi: 10.1016/j.surg.2014.05.010. PMID: 25178993.†
24. Philips W, **Piller LB (Corresponding Author)**, Ford CE, Alderman MA, Einhorn PT, Grimm RH, Oparil S, Jafri SZA, Whittle J, Furberg CD, Dunn JK, Williamson JD, Davis BR, Probstfield JL. GI Bleeds in a High-Risk Hypertensive Population: the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). *J Clin Hypertens (Greenwich)*. 2013;15(11):doi:10.1111/jch.12180.PMCID: PMC3844932.
25. Catov JM, Dodge R, Yamal J-M, Barimas-Mitchell E, Sutton-Tyrell K, Yamal JM, **Piller LB**, Ness RB. Prior preterm birth and maternal subclinical cardiovascular disease 4 to 12 years after pregnancy. *Journal of Women's Health* 2013; 22: 835-843. PMID: PMC3787333.
26. Luu HN, Amirian SE, Beasley RP, **Piller LB**, Chan W, Scheurer ME. Clinical Implications of the Cervical Papanicolaou Test Results in the Management of Anal Warts in HIV-infected Women. *PLOS ONE* 2013; 8(11): e81751.doi:10.1371/journal.pone.0081751. PMID:PMC3842937.†



27. Traverse JH, Henry TD, Pepine CJ, Willerson JT, Zhao DX, Ellis SG, Forder JR, Anderson RD, Hatzopoulos AK, Penn MS, Perin EC, Chambers J, Baran KW, Raveendran G, Lambert C, Lerman A, Simon DI, Vaughan DE, Lai D, Gee AP, Taylor DA, Cogle CR, Thomas JD, Olson RE, Bowman S, Francescon J, Geither C, Handberg E, Kappenman C, Westbrook L, **Piller LB**, Simpson LM, Baraniuk S, Loghin C, Aguilar D, Richman S, Zierold C, Spoon DB, Bettencourt J, Sayre SL, Vojvodic RW, Skarlatos SI, Gordon DJ, Ebert RF, Kwak M, Moyé LA, Simari RD; for the Cardiovascular Cell Therapy Research Network (CCTRN). Effect of the Use and Timing of Bone Marrow Mononuclear Cells Delivery on Left Bentricular Function After Acute Myocardial Infarction: The Time Randomized Trial. *Journal of the American Medical Society (JAMA)* 2012;308(22): 2380-2389. doi:10.1001/jama.2012.28726. PMID: PMC3652242.
28. Rahman M, Ford CE, Cutler JA, Davis BR, **Piller LB**, Whelton PK, Wright JT, Jr, Barzilay JI, Brown CD, Colon PJ, Sr, Fine LJ, Grimm RH, Jr, Gupta AK, Baimbridge C, Haywood LJ, Henriquez MA, Ilamaythi E, Oparil S, Preston R. Long-term Renal and Cardiovascular Outcomes in Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT) Participants by Baseline Estimated GFR. *Clinical Journal of the American Society of Nephrology* 2012;7: 989-1002. PCID: PMC3362309.
29. Alderman MA, **Piller LB (Corresponding Author)**, Ford CE, Probstfield JL, Oparil S, Cushman WC, Einhorn PT, Franklin SS, Papademetriou V, Ong ST, Eckfeldt JH, Furberg CD, Calhoun D, Davis BR. Clinical Significance of Incident Hypokalemia and Hyperkalemia in Treated Hypertensive Patients in ALLHAT: A Randomized Controlled Trial. *Hypertension* 2012; 59:926-933. PMID: PMC3373273.
30. Barzilay JI, Davis BR, Pressel SL, Cutler JA, Einhorn PT, Black HR, Cushman WC, Ford CE, Margolis KL, Moloo, J, Oparil S, **Piller LB**, Simmons DL, Whelton PK, Wong ND, Wright JT. Long-Term Effects of Incident Diabetes Mellitus on Cardiovascular Outcomes in People Treated for Hypertension: The ALLHAT Diabetes Extension Study. *Circulation: Cardiovascular Quality and Outcomes* 2012;5:153-162. PMID: PMC3359874.
31. Perrin EC, Willerson JT, Pepine CJ, Henry TD, Ellis SG, Zao DXM, Silva GV, Lai D, Thomas JD, Kronenberg MW, Martin AD, Anderson RD, Traverse JH, Penn MS, Anwaruddin S, Hatzopoulos AK, Gee AP, Taylor DA, Cogle CR, Smith D, Westbrook L, Chen J, Handberg E, Olson RE, Geither C, Bowman S, Francescon J, Baraniuk S, **Piller LB**, Simpson LM Loghin C, Aguilar D, Richman S, Zierold C, Bettencourt J, Sayre, SL, Vojvodic RW, Skarlatos SI, Gordon DJ, Ebert RF, Kwak M, Moyé LA, Simari RD. Effect of Transendocardial Delivery of Autologous Bone Marrow Mononuclear Cells on Functional Capacity, Left Ventricular Function, and Perfusion in Chronic Heart Failure: The FOCUS-CCTRN Trial. *Journal of the American Medical Association* 2012; 307:1717-1726. PMID: PMC3600947.
32. Cushman WC, Davis BR, Pressel S Cutler JA, Einhorn PT, Ford CE, Alderman MH, Basile JN, Black HR, Dunn JK, Grimm RH, Hamilton BP, Haywood LJ, Ong ST, Oparil S, Probstfield JL, **Piller LB**, Simpson LM, Stanford C, Weiss RJ, Whelton PK, Wright, JT, Jr. Mortality and Morbidity during and After the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial. *Journal of Clinical Hypertension* 2012;14:20-31. PMID: PMC3261592.
33. Krousel-Wood M, Muntner P, Carson A, Anderson AH, Stanley E, Cushman WC, Cutler JA, **Piller LB**, Goforth GA, Whelton PK. Hypertension Control Among Newly Treated Patients Before and After Publication of the Main ALLHAT Results and JNC-7 Guidelines. *Journal of Clinical Hypertension* 2012; 14:277-283. PMID: PMC454243.
34. Baraniuk S, Seay R, Sinha K, **Piller LB**. Comparison of the Global Statistical Test and Composite Outcome for Secondary Analyses of Multiple Coronary Heart Disease Outcomes. *Progress in Cardiovascular Diseases* 2012; 54(4):357-361. PMID: 22226004. ††

35. Luu HN, Amirian ES, Beasley RP, **Piller L**, Chan W, and Scheurer ME. CD4 count and HIV viral load as predictors of size of anal warts in HIV-infected women. *Journal of Infectious Diseases* 2012;205(4):578-85. PMID: 22246682 - PMCID: PMC3266135. †
36. Luu HN, Amirian ES, Beasley RP, **Piller L**, Chan W, and Scheurer ME. Association between smoking and size of anal warts in HIV-infected women. *International Journal of STD & AIDS* 2012; 23: 792-8. PMCID:PMC 46229988.†
37. **Piller LB (Corresponding Author)**, Baraniuk S, Simpson LM, Cushman WC, Massie BM, Einhorn Pt, Oparil S, Ford CE, Graumlich JF, Dart RA, Parish Dc, Retta TM, Cuyjet AB, Jafri SZ, Furberg CD, Saklayen MG, Thadhani U, Probstfield JL, Davis BR. Long-Term Follow-up of Participants with Heart Failure in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). *Circulation* 2011; 124:1811-1818. Featured in *NHLBI Spotlight on Research*, October 6, 2011. PMCID: PMC3217334.§
38. Jay H. Traverse, Timothy D. Henry, Stephen G. Ellis, Carl J. Pepine, James T. Willerson, David X.M. Zhao, John R. Forder, Barry J. Byrne, Antonis K. Hatzopoulos, Marc S. Penn, Emerson C. Perin, Guilherme V. Silva, Kenneth W. Baran, Jeffrey Chambers, Charles Lambert, Ganesh Raveendran, Daniel I. Simon, Douglas E. Vaughan, Lara M. Simpson, Adrian P. Gee, Doris A. Taylor, Christopher R. Cogle, James D. Thomas, Beth C. Jorgenson, Rachel E. Olson, Sherry Bowman, Judy Francescon, Carrie Geither, Eileen Handberg, Deirdre X. Smith, Sarah Baraniuk, **Linda B. Piller**, Catalin Loghin, David Aguilar, Sara Richman, Claudia Zierold, Judy Bettencourt, Shelly L. Sayre, Rachel W. Vojvodic, Sonia I. Skarlatos, David J. Gordon, Ray F. Ebert, Minjung Kwak, Lemuel A. Moyé, Robert D. Simari. LateTIME: A Randomized, Placebo Controlled Trial of Intracoronary Delivery of Autologous Bone Marrow Mononuclear Cells Two to Three Weeks Following Acute Myocardial Infarction: the LateTIME Randomized Trial. *Journal of the American Medical Society (JAMA)* 2011; 306(19):2110-2119. PMCID: PMC 3600981.
39. Ball G, **Piller LB**, Continuous Safety Monitoring for Randomized Controlled Clinical Trials with Blinded Treatment Information Part 2: Statistical Considerations. *Contemporary Clinical Trials* 2011; 32: S5–S7. PMID: 21664986 †
40. Ball G, **Piller LB**, Silverman MH. Continuous Safety Monitoring for Randomized Controlled Clinical Trials with Blinded Treatment Information Part 1: Ethical Considerations. *Contemporary Clinical Trials* 2011; 32: S2–S4. PMID: 21664987.†
41. **Piller LB**, Silverman MH, and Ball G. Editorial: Continuous Safety Monitoring for Randomized Controlled Clinical Trials. *Contemporary Clinical Trials* 2011; 32: S1. PMID: 21458597. †
42. Catov JM, Dodge R, Yamal JM, Roberts JM, **Piller LB**, Ness RB. Prior preterm or small-for-gestational-age birth related to maternal metabolic syndrome. *Obstetrics & Gynecology* 2011; 117:225-232. PMCID: PMC3074407,
43. Stafford RS, Bartholomew LK, Cushman WC, Cutler JA, Davis BR, Dawson G, Einhorn PT, Furberg CD, **Piller LB**, Pressel SL, Whelton PK. Impact of the ALLHAT/JNC7 Dissemination Project on thiazide-type diuretic use. *Archives of Internal Medicine* 2010; 170:851-858. PMCID: in process. PMCID: PMC2989728.
44. Traverse JH, Henry TD, Vaughn DE, Ellis SG, Pepine CJ, Willerson JT, Zhao DXM, **Piller LB**, Penn MS, Byrne BJ, Perin EC, Gee AP, Hatzopoulos AK, McKenna DH, Forder JR, Taylor DA, Cogle CR, Olson RE, Jorgenson BC, Sayre SL, Vojvodic RW, Gordon DJ, Skarlatos SI, Moye LA, Simari RD, for the Cardiovascular Cell Therapy Research Network (CCTRN). Rationale and design for TIME: a phase-II, randomized, double-blind, placebo-controlled pilot trial

evaluating the safety and effect of timing and administration of bone marrow mononuclear cells after acute myocardial infarction. *American Heart Journal* 2009; 158(3): 356-363. PMID: PMC2784639.

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#### MANUSCRIPTS SUBMITTED AND PENDING REVIEW

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#### MANUSCRIPT PENDING IMMINENT SUBMISSION

75. Benoit J, Chan W, **Piller, LB**. Association Between Pre-progression Rate and Alzheimer's Disease Stage Changes with Moderate Stage Subject to Misclassification." Pending imminent submission to *Communications in Statistics*. †

#### MANUSCRIPT PENDING SUBMISSION

Zanwar P, Morgan R, Lairson D, **Piller L**, Franzini L. Health Service Utilization and Associated Expenditures among Overweight and Obese Adults with Kidney Disease. Pending resubmission. †

#### MANUSCRIPT WITH ACKNOWLEDGEMENT AS CONTRIBUTOR

Schneider, R., Grim C, Rainforth M, Kotchen T, Nidich S, Gaylord-King C, Salerno J, Morley Kotchen J, and Alexander C. Stress Reduction in the Secondary Prevention of Cardiovascular Disease: A Randomized Controlled Trial of Transcendental Meditation and Health Education in African Americans. Accepted by *Circulation: Cardiovascular Quality and Outcomes*, in press as of November, 2012.

\*The authorship of this paper includes the ALLHAT Collaborative Research Group of which I am a member as one of the group authors and scientific contributors.

\*\*This article includes extensive work with the CARE investigators for which I am a named scientific contributor.

† The lead author of the manuscript was a student under my guidance and the paper is based in part upon his/her PhD dissertation/MS thesis/MPH thesis.

††Two of the authors on this manuscript were students of the lead author.

§ Cited in Yancy Clyde W., Jessup Mariell, Bozkurt Biykem, et al. 2017 ACC/HFSA Focused Update of the 2013 ACCF/AHA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Failure Society of America. *Circulation* 2017;136(6):e137–e161. DOI: 10.1161/CIR.0000000000000509; PMID 28455343.

## ABSTRACTS/PRESENTATIONS

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2. Dewland TA, Yamal JM Soliman EZ, Davis BR, Magnani JW, **Piller LB**, Haywood LJ, Pervin HE, Alonso A, Albert CM, Marcus GM. Predictors of Incident Pacemaker Implantation in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). Accepted for presentation at the American Heart Association Scientific Sessions, New Orleans, LA., November, 2016.
3. D Sutin, BH Han, J. Williamson, B. Davis, **L Piller**, H Pervin, C Blaum. Are Statins Beneficial When Used for Primary Prevention in Older Patients? *Journal of the American Geriatrics Society* 64,S7-S8, 2016. Presented to the 2016 American Geriatrics Society Annual Scientific Meeting, May 20, 2016.
4. Russell E. Ware MD PhD, Barry R. Davis MD PhD, Robert J. Adams MD MS, William H. Schultz MHS PA, Sara Pressel MS, R. Clark Brown MD PhD, Banu Aygun MD, Sharada Sarnaik MD, Isaac Odame MBChB, Beng Fuh MD, Alex George MD PhD, William Owen MD, Lori Luchtman-Jones MD, Zora R. Rogers MD, Lee Hilliard MD, Cynthia Gauger MD, Connie Piccone MD, Margaret T. Lee MD, Janet L. Kwiatkowski MD, Sherron Jackson MD, Scott T. Miller MD, Carla Roberts MD, Matthew M. Heeney MD, Theodosia Kalfa MD PhD, Stephen Nelson MD, Hamayun Imran MD, Kerri Nottage MD MPH, Ofelia Alvarez MD, Melissa Rhodes MD, Alexis A. Thompson MD MS, Jennifer Rothman MD, Jamie Coleman MD, Melanie J. Bonner PhD, Abdullah Kutlar MD, John Wood MD PhD, Donna Roberts MD, Kathleen J. Helton MD, **Linda Piller MD**, Peng Wei PhD, Judy Luden RN, Nicole A. Mortier MHS PA, Susan E. Stuber MA, Naomi R. Luban MD, Alan R. Cohen MD. TCD with Transfusions Changing to Hydroxyurea (TWiTCH): Hydroxyurea Therapy as an Alternative to Transfusions for Primary Stroke Prevention in Children with Sickle Cell Anemia. Abstract 3. *Blood* 2015; 126:3. Presented at the *American Society of Hematology 57<sup>th</sup> Annual Meeting* December 6, 2015.
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9. Muntner P, Krousel-Wood M, Hyre AD, Erin SE, Cushman W, Cutler JA, **Piller L**, Goforth G, Whelton PK. Impact of the publication of the major outcomes of ALLHAT and the JNC-7 Report on prescriptions filled by newly diagnosed patients with hypertension. *Journal of Clinical Hypertension* 2008;10(Suppl A):A123-A123. Presented at the 23<sup>rd</sup> Annual Scientific Meeting and Exposition of the American Society of Hypertension, New Orleans, Louisiana, May 14-17, 2008.
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18. Cutler J, **Piller L**, Pressel S, Graumlich J, Hamilton B, Parish D, Quereshi N, Randall O, Davis B, for the ALLHAT Collaborative Research Group. Results of monotherapy in ALLHAT: on-treatment analyses. *American Journal of Hypertension* 2004;17:S30-31. Presented at the American Society of Hypertension (ASH) Nineteenth Annual Scientific Meeting in New York City, New York, May, 2004; and at the European Society of Hypertension (ESH) Fourteenth Annual Meeting, Paris, France, June 13-17, 2004.
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20. DeLeon B, **Piller L**, Simpson L, Pressel S, Bettencourt J, Davis B. Operational aspects of the ALLHAT Heart Failure Validation Study. *Controlled Clinical Trials* 2003;24; 186S. Presented at the Twenty-fourth Annual Meeting of the Society for Clinical Trials, London, England, July, 2003.
21. Davis B, Ford C, Pressel S, Dunn K, **Piller L**. Sensitivity analyses to account for losses to follow-up in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). *Controlled Clinical Trials* 2003;24;76S. Presented at the Twenty-fourth Annual Meeting of the Society for Clinical Trials, London, England, July, 2003.
22. Ford C, Margolis K, **Piller L**, Cushman W, Wright J, Colon P. Blood pressure control in Hispanics in the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT). Presented at the Fifteenth Scientific Meeting of the Inter-American Society of Hypertension, San Antonio, TX, April 27-20, 2003.
23. **Piller L**, Simpson L, Davis B, Pressel S, deLeon B. The review of event reports in ALLHAT. *Controlled Clinical Trials* 2002;23;323. Presented at the Twenty-third Annual Meeting of the Society for Clinical Trials, Washington, D.C., May 12-15, 2002.
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25. Davis BR, Pressel S, Ford C, **Piller L**, Bettencourt J, Simpson L, deLeon B, Dunn JK. The ALLHAT Clinical Trials Center—expected and unexpected challenges. *Controlled Clinical Trials*. 2002; 23: 56S. Presented at the Twenty-third Annual Meeting of the Society for Clinical Trials, Washington, D.C., May 12-15, 2002.

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29. **Piller L**, Davis B, Kimmel B, Nwachuku C. The ascertainment of endpoints by primary care practitioners in a long-term clinical trial. *Controlled Clinical Trials*. 2000;21; 104S. Presented at the Twenty-first Annual Meeting of the Society for Clinical Trials, Montreal, Canada, April 18, 2000.
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## SERVICE ACTIVITIES

### *National*

Member, American College of Cardiology/American Heart Association Evidence Review Committee for Hypertension Guidelines	2014-2015
Executive Secretary, Data Safety and Monitoring Board, “FLuctuATion reduction with inSULin and GIp-1 Added together” (FLAT-SUGAR)	2011-2015
NIH Challenge Grant Reviewer	2009
NHLBI Heart Failure Working Group Chair	2007-2010
Atherosclerotic Risk in Communities (ARIC) Heart Failure Steering Committee	2006-2008
National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) Consultant	2006-2007

American Schools of Public Health (ASPH) Working group member, MPH Core Competencies, Public Health Biology Section Published July, 2006	2005-2006
College of American Pathology Certified laboratory inspector	1991-1994
Journal reviewer:	ongoing
<i>American Heart Journal</i>	
<i>American Journal of Managed Care</i>	
<i>American Journal of Hypertension</i>	
<i>Controlled Clinical Trials</i>	
<i>Clinical Trials</i>	
<i>Journal of General Internal Medicine</i>	
<i>University of Texas Health Science Center-Interinstitutional</i>	
Member, UTHealth Research Conflict-of-Interest Committee	9/2017-ongoing
Member, Steering Committee, Robert Wood Johnson Foundation Summer Health Professions Education Program (SHPEP)	2016-2017
Member, Center for Clinical and Translational Sciences (CCTS) Community Advisory Board	2007-2010
Member, Committee for the Protection of Human Subjects (IRB)	2005-2007
Member, Interinstitutional Biological Safety Committee	2004-2007
<i>UTHealth-School of Public Health</i>	
Director of Multidisciplinary Programs	2016-ongoing
Baylor College of Medicine/UTHealth-SPH MD/MPH program UTSPH Faculty Advisor	2011-ongoing
McGovern Medical School/UTHealth-SPH MD/MPH program UTSPH Faculty Advisor	2008-ongoing
Member, Academic Council	2005-2007; 2016-2017
Member, UTSPH Council on Education for Public Health ( <i>CEPH</i> ) Steering Committee	2016-ongoing
Epidemiology Curriculum Coordinator	2005-2007; 2016 (January-April)
Member, UTSPH Academic Conflict Resolution Committee	2014-2016
Chair, Admissions Committee, Dual-Degree students	2016-2017
Member, Six Year Faculty Review Committee	

Committee Chair	2009, 2012, 2013
Committee Co-Chair for Chair Keith D. Burau, PhD	2010, 2011
Committee member	2008
Member, Coordinating Center for Clinical Trials Leadership Committee	2012-2016
Member, UTSPH School-Wide Curriculum/Course Review Committee	2014-ongoing
Member, Faculty Search Committee : Comparative Outcomes Research (10 positions)	2010-2011
Member, Culminating Experience Examination Committee	2009
Member, Peer Review Committee	2005, 2007
Member, Mentoring Committee for Alanna Morrison, PhD	2005-2007
Representative, Epidemiology Student Recruitment Open House	2010-2016
Member, Epidemiology Admissions Triage Committee	2001-2007
Member, Epidemiology Leadership Council	2005-2007
<b>Other</b>	
Volunteer, Celebration Company (Adults with Disabilities)	2014-ongoing
Volunteer and member, Congregation Beth Yeshurun Sisterhood	2011-ongoing
National Youth Leadership Forum (Medicine) Faculty participant and judge	2003

## TEACHING ACTIVITIES

### Courses Taught

#### *Current*

PH 2810: Pathology and Public Health Developer and instructor (100% responsibility/teaching) Enrollment: 2014, 31 students; 2015, 30 students; 2016, 35 students; 2017, 37 students; 2018, 29 students Converted to online format, 2017	1996-ongoing (Annual)
PH 2712: Experimental Methods in Epidemiology; co-instructor with Dr. Shreela Sharma (2014-2016); with Dr. Lu-Yu Hwang (2017- ongoing) (50% effort in each) Enrollment: 2018, 20 students	2014-ongoing (annual)
PH 2712: Experimental Methods in Epidemiology (guest lecturer) (Dr. Lu-Yu Hwang, Instructor) (Dr. Roberta Ness, Instructor) Guest lecturer (6 hours per class per semester)	2013-2016 (annual) 2017-ongoing (annual)
DENS 3932: Dental Public Health (UTHealth School of Dentistry) Introduction to Clinical Trials: Guest lecturer	February 12, 2018

PH 2740: Cardiovascular Disease Epidemiology and Prevention (Dr. Alanna Morrison, Instructor) Guest lecturer (6- 8 hours per semester) Enrollment: 2014,14 students; 2015, course not offered	
PH 5610: Global Health Overview (Dr. B. Selwyn, Instructor) Guest lecturer	2008-ongoing (annual)
PH 3922: Social and Economic Determinants of Health (Drs. B. Selwyn and J.M. Swing, Instructors) Guest lecturer	2015-ongoing (annual)
PH 9998: Culminating Experience/Thesis Research	2017-ongoing (annual)
PH 9999: Dissertation Research	Ongoing
PH 2999: Individual Studies in Epidemiology	Ongoing
PH 2998: Practicum	Ongoing
<b>Completed</b>	Ongoing
PH 5998: Culminating Experience (Capstone) course Co-instructor (50% responsibility, summer, 2010; 30% responsibility, fall, 2010, and spring ITV, 2011)	
PH 2610: Fundamentals of Epidemiology, online Co-instructor (33% responsibility) Enrollment: 15 students	Summer 2010 Fall, 2010 Spring, 2011, online and ITV
PH 2275: Disease: Natural History, Prevention, and Control I Co-instructor (50% responsibility) Average enrollment: 12-18 students (2009: 24 students)	Fall, 2009
PHDA 2998: The Public Health Response to Chronic Diseases in the 21st Century (UTSPH-Dallas, by ITV) Lecturer (2 contact hours=5% effort) Enrollment: (approximately) 15 students/semester	Fall semester 2001- 2009
PH 2998: Cancer Epidemiology	Spring 2008, 2009  Summer, 2003

### **Guest Lectures**

- UT Medical School Houston, annual invited speaker and discussion leader: “Transition to Residency Seminar: Practicing Medicine with an Eye on Public Health,” 2014-2018 (ongoing)
- Houston Baptist University Pre-Medical Organization: “Public Health: What is It and Why Should I?” April 10, 2017
- Houston Baptist University Student Statistics Club: “Clinical Trials and Public Health,”

November 21, 2016

UTSPH Biostatistics Seminar: Long Term Follow-up in Clinical Trials – Experience from the Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT), December 1, 2009

The University of Texas Health Science Center School of Nursing doctoral student seminar: “ALLHAT—From Start to Finish and Beyond”  
May 23, 2008

University of Texas-San Antonio Medical School and UTSPH-San Antonio joint Public Health Grand Rounds: “A Large and Simple Clinical Trial”  
November 8, 2008

University of Texas Research Coordinators Seminar (Catherine Carter, RN, Director), “The Coordinating Center: Who Needs It?”  
July 24, 2007

The University of Texas Health Science Center School of Nursing doctoral student seminar: “Translational Research and Its Impact on Practice: The ALLHAT Experience”  
June 1, 2007

The University of Houston “Fundamentals of Clinical Trials” graduate course, October 16, 2007. National Association of General Clinical Research Center (GCRC) Nurse Managers Managing Long Term Clinical Trials: Ethical Issues  
May 9, 2006

Baylor College of Medicine/Veterans’ Affairs Internal Medicine Residents and Fellows-- lecture series (3 lectures): “Results and Implications of ALLHAT”  
2004

### **Student Advising**

Overall student committees as advisor, member, or research supervisor, 2017-2018:

Total, October 1, 2018: 79 primary advisees

Total, September, 2017-September, 2018:

PhD students

1 PhD student, academic advisor

5 PhD students, member, minor discipline

MPH students

81 MPH students, academic advisor

1 MPH student, research supervisor

### **Selected Student Research Topics**

Incidence, Outcomes, and Costs of Pregnancy in Adolescents with Diabetes Mellitus

Mediators of Tuberculosis Infection Amongst Children that are Household Contacts of Adults with Tuberculosis in Mbabane, Swaziland

Factors Associated with Follow-up Examination Following Positive Teleretinal Screening in

an Urban Healthcare System

Primary Care Access Survey in Smith County, Texas

Characterizing and Predicting Progressive Hemorrhagic Injury: A Problem with Significant Public Health Impact

Developing a Mobile Health HIV Testing Text Message Campaign for an Ambulatory Clinic Population

Predictors of Prolonged Mechanical Ventilatory Support in Shock Trauma Patients Admitted to Memorial Hermann Hospital

The Relationship between Metabolic Syndrome and Cardiovascular Mortality in the Hypertension Detection and Follow-up Program

Clinical and Epidemiological Characteristics of Breast Cancer Metastases

Incident Hypertension among Pre-Hypertensive Adolescents: Evaluation of Pre-Hypertension as an Independent Risk Factor among Secondary School Students in the Houston Area

The Impact of Hepatitis C Virus Co-Infection on the Progression of Human Immunodeficiency Virus Disease

The Role of Fibrinolysis in Causing Progressive Hemorrhagic Injury in Patients with Traumatic Brain Injury

Developing a Mobile Health (MHEALTH) HIV Testing Text Message Campaign for an Ambulatory Clinic Population

Investigator Characteristics Predicting Recruitment and Adherence in ALLHAT