

CURRICULUM VITAE

Peter LeFort Whitesell, MD

Assistant Professor, Department of Medicine

Howard University College of Medicine

CONTACT INFORMATION

Business Address: Department of Medicine
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Washington D.C. 20060

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EDUCATION

1983-1987 MD
Medical College of Virginia
Richmond, VA

1979-1983 AB, Biochemistry
Princeton University
Princeton, NJ

INTERNSHIP, RESIDENCY, AND FELLOWSHIP

1990 – 1993 Fellowship
Pulmonary and Sleep Medicine
Mayo Graduate School of Medicine
Rochester, MN

1987 – 1990 Internship/Residency
Internal Medicine
Mayo Graduate School of Medicine
Rochester, MN

CERTIFICATIONS AND TRAINING

2015- present	Biomedical Responsible Conduct of Research CITI Program, University of Miami
2013	Good Clinical Practice for Clinical Trial Sites Protecting Human Research Participants - National Institutes of Health Course
1996	Diplomate American Board of Sleep Medicine
1992-2022	Diplomate in Pulmonary Disease, ABIM
1990-2022	Diplomate in Internal Medicine, ABIM
1988	Diplomate National Board of Medical Examiners

LICENSURE

2015 – present:	Medicine and Surgery District of Columbia
1993 – 20015:	Physician and Surgeon State of Maryland

EMPLOYMENT HISTORY

Academic Positions

June 2015 - present	Assistant Professor of Medicine Division of Pulmonary/Sleep Medicine Department of Medicine Howard University College of Medicine Washington, D.C.
2002 – 2012	Clinical Instructor Critical Care University Shore Health Systems, University of Maryland Easton, MD
2001 – 2003	Clinical Faculty Cardiothoracic Surgery Institute George Washington University Medical Center Washington, DC

1992 – 1993
Clinical Instructor of
Medicine Mayo Clinic
Rochester, MN

Other positions

2013 – 2015
Physician
Rockville Internal Medicine
Group 1201 Seven Locks Road,
Suite 111
Rockville, MD 20854

20012-2013
Medical Director
Shore Health Medical Pavilion Sleep
Center Queenstown, MD

2009-2013
Medical Director
Sleep Center Dorchester General
Hospital Cambridge, MD

1994 – 2013
Medical Director
Regional Sleep Disorders
Center Memorial Hospital
Easton, MD

1993 – 2013
Solo Practitioner Physician
Peter L. Whitesell, MD PA
Pulmonary and Sleep
Medicine Easton, MD

PROFESSIONAL MEMBERSHIPS

1993 – Present
American Academy of Sleep Medicine

1991 – 2019
American College of Chest Physicians

2010 – 2015
Maryland Sleep Society

2009 – 2015
American College of Physicians

1993 – 2013
Talbot County Medical Society

2013 – 2015
Montgomery County Medical Society

1993 – 2015
Medical and Chirurgical Faculty of the State of Maryland

1993 – 2016
American Medical Association

2016 – Present

RTRN/RCMI - Research Centers in Minority Institutions /
Translational Research Network

HONORS AND AWARDS

2020	Howard University Medical Staff Annual Patient Care Award
1999	Elected Fellow, American Academy of Sleep Medicine
1993	Elected Fellow, American College of Chest Physicians
1983	Cum Laude, Princeton University

ADMINISTRATIVE SERVICE

2016 – present	Lung Cancer Task Force
2015 – present	Medical Director Howard University Sleep Disorders Center
2015 – present	Interview of Medical School, Resident, Fellow candidates
2021 - present	CME Planning Committee
2022- present	Member Credentials Committee
2022-present	Member Adjudication Oversight Committee for the NIH RECOVER (Researching COVID to Enhance Recovery) Investigator Consortium

TEACHING SERVICE

2020 - 2021	MICU Attending
2015 – 2023	Attending Pulmonary Hospital Consult Service
2015 – 2023	Attending Chest Clinic
2015 – present	Sleep Medicine Hospital Consult Service
2015 – present	2 nd year Medical Students : Introduction to Clinical Medicine — 8 sessions; Introduction to the Pulmonary Exam/Sleep Apnea/Pulmonary Neoplasms - lectures
2015 – present	Ambulatory Clinical Rotation - Medical Students, 8 hours weekly
2015 – 2023	Attending Medical Student Freedman's Clinic
2015 – present and	Didactic presentations Fellows, Residents, Respiratory Therapists, Sleep Technologists

2018 – present	Director of Sleep Medicine Rotation for Psychiatry, Neurology, Internal Medicine, and Pulmonary Residents and Fellows
2018 – present	Mentorship Medical Students, Internal Medicine Residents

GRANT SUPPORT

Current

Sleep Disorders in Adults with Sickle Cell Disease: Frequency, Associations with Cardiovascular and Pain Indicators, and Responses to Treatment

Agency: National Institute of Minority Health and Health Disparities (NIMHD)

Grant Number: 2U54MD007597

PI: Whitesell / Co-PI: Mellman, Mehari, James Taylor IV

Duration of Grant: 5 years (June 1, 2019 - January 31, 2024)

Total Cost: \$965,625 (direct/yr.- \$125,000, indirect/yr. - \$68,125 = total/ yr. \$193,125)

Diabetes and Heart Disease Risk in BlacksNIH Protocol

Number 99-DK- 0002

Revised 03-16- 2016

Collaboration with PI Dr. Anne Sumner NIH NIDDK, investigating the role of sleep patterns in metabolic changes in African immigrants.

RECOVER-SLEEP: A Platform Protocol for Evaluation of Interventions for Sleep Disturbances in Post-Acute Sequelae of SARS-CoV-2 Infection (PASC)

PI: Dr. Alem Mehari; Sub-I : Whitesell

Completed

NIH grant P50 HL118006 and National Center for Advancing Translational Sciences of the National Institutes of Health under the Clinical Translational Science Award UL1TR001409. Collaboration in Pilot Study Created by the Sickle Cell Center: Sleep Disordered Breathing and Nocturnal Hypoxemia in Young Adults with Sickle Cell Disease

PUBLICATIONS

Peer-reviewed Journal Articles

Waldman, Z.C.; Schenk, B.R.; Duhuze Karera, M.G.; Patterson, A.C.; Hormenu, T.; Mabundo, L.S.; DuBose, C.W.; Jagannathan, R.; Whitesell, P.L.; Wentzel, A.; et al. Sleep and Economic Status Are Linked to Daily Life Stress in African-Born Blacks Living in America. *Int. J. Environ. Res. Public Health* 2022, 19, 2562. <https://doi.org/10.3390/ijerph19052562>

Whitesell, PL, Obi, J, Tamanna, NS, Sumner, AE. (2018). A Review of the Literature Regarding Sleep and Cardiometabolic Disease in African Descent Populations. *Frontiers in Endocrinology*, 9:140. Doi:10.3389/fendo.2018.00140

Ragunathan VM, Whitesell PL, Lim SH. Sleep Disordered Breathing in Patients with Sickle Cell Disease. *Annals of Hematology* 2017: 1-8

Whitesell PL, Owoyemi O, Oneal P, Nouraie M, Klings ES, Rock A, Mellman TA, Berihun T, Lavella J, Taylor RE, Perrine SP. Sleep Disordered Breathing and Nocturnal Hypoxemia in Young Adults with Sickle Cell Disease. *Sleep Medicine* 2016; 22: 47–49. <http://dx.doi.org/10.1016/j.sleep.2016.05.00>

Whitesell PL, Drage CW. Occupational lung cancer. *Mayo Clin Proc* 1993; 68:183-188.

Whitesell PL, Peters SG: Pulmonary manifestations of extrathoracic malignancies. *Mayo Clin Proc* 1993; 68:483-491.

Abstracts

Waldman Z, Schenk B, Patterson A, Wentzel A, Duhuze Karera MG, Hormenu T, Mabundo L, DuBose CW, Horlyck-Romanovsky MF, Whitesell PL, Sumner AE: Sleep and Economic Status are Linked to Daily Life Stress in African-born Blacks Living in America. AHA, 2021

Fossum M, Najimi N, Whitesell PL: Optimization of OSA Screening in a Black Population. APSS Sleep 2020, Virtual Conference, August 27-30, 2020

Najimi, N, Whitesell, PA, Whitesell, PL: Effectiveness of Screening Questionnaires for Obstructive Sleep Apnea in African Americans. World Sleep Congress, Vancouver, Canada, 2019

Henson, M, Chaudhry, J, Whitesell, JF, Whitesell, PL: Utilizing Compliance Software for Quality Improvement: The Howard University Hospital Experience. SLEEP 42, Abstract Supplement A395-6, 2019

Spencer, K, Mengiste, H, Ogunti R, Whitesell PL, Williams C: Selection Criteria for Lung Cancer Screening in African Americans. Amer J Respir Crit Care Med 2019; 199:A4478

Spencer K, Whitesell, PL.: The Case of the AutoPAP that did not Work, SLEEP, Volume 41, Abstract Supplement A425, 2018

Ogundipe, F., Ogunti, R., Ngwa, J., Nwachukwu, C., Ugwendum, D., Whitesell, PL., Taylor, J., Mehari, A. (2018). Prevalence, Localization of Venous Thromboembolism and Outcomes in Adults with Sickle Cell Disease. (pp. A6333-A6333). American Thoracic Society.

Obi JL, Baker RL, Utumatwishima JN, Bingham BA, Sumner AE, Whitesell PL: Sleep Patterns of African Immigrants in the United States. SLEEP, Volume 40, Abstract Supplement, 2017

Baker RL, Utumatwishima JN, Bingham BA, Sumner AE, Whitesell PL: Relationship between Stress and Sleep Quality in African Immigrants: The Africans in America Study SLEEP, Volume 40, Abstract Supplement, 2017

Odeyemi Y, Whitesell PL: Impulse Oscillometry Distribution of Airway Resistance Correlates with Severity of Lung Disease. Chest 2016;150(4_S):836A. doi:10.1016/j.chest.2016.08.936

Lewis O, Whitesell PL, Whitesell JF, Granger W, Vossoughi J, Johnson, A: Changes in Respiratory Measurements with the Airflow Perturbation Device and the Integrated Pulmonary Index in Patients Enrolled in Cardiac and Pulmonary Rehabilitation. Chest 2016;150(4_S):1123A. doi:10.1016/j.chest.2016.08.1232

Perrine SP, Owoyemi O, Klings ES, Nouraie M, Rock A, Oneal PA, Mellman T, Berihun T, Whitesell PL, Lavela J, Taylor RE. A Pilot Study of Sleep Disordered Breathing (SDB) and Nocturnal Hypoxemia in Young Adults with Sickle Cell Disease. Blood Dec 2015, 126 (23) 3414.

Whitesell PL, Rousseau DA, Wales RA. Capnography Filter Lines Adapted for Pressure (PTAF) to Detect Apnea and Hyponea as a Possible Method for Sleep Disorder Breathing Pattern

Recognition. Society for Anesthesia Annual Meeting; 2009

Whitesell PL, Prakash UBS, Staats BA: Arterial Blood Gases During Rest and Exercise in Alpha-1-Antitrypsin Deficiency. *Am Rev Respir Dis* 1993; 147:A742.

Whitesell PL, Beck KC, Staats BA, Scanlon PD: Single breath diffusion capacity following methacholine challenge. *Am Rev Respir Dis* 1992; 145:A601.

Whitesell PL, Kreofsky T, Gleich G, Rohrbach M: Platelet activation by eosinophil major basic protein independent of calcium flux. *Am Rev Respir Dis*, 1991; 143:A40.

PRESENTATIONS

Poster : Najimi, N, Whitesell, PA, Whitesell, PL: Standard Screening Fails to Identify Obstructive Sleep Apnea in African Americans. RCMI 2019 National Conference: Collaborative Solutions to Improve Minority Health and Reduce Health Disparities, Bethesda MD, 2019

Invited Lecture, Robert T. Freeman Dental Society, Washington D.C., April 17, 2018: *Fostering Sleep Medicine and Dental Medicine Relationships*

Invited Lecture, CHaRM Seminar Series, Howard University Hospital, December 4, 2017: *Sleep Disturbance in Sickle Cell Disease*

Invited Lecture, Department of Health, Washington DC, January 25, 2017: *The Importance of Sleep.*

Invited Lecture, Howard University Department of Neurology Grand Rounds, January 12, 2017: *Sleep and the Brain*

Invited Lecture, Howard University Department of Psychiatry Grand Rounds, September 8, 2016: *Approach to the Evaluation and Examination of a Patient with Sleep Complaints.*

Invited Lecture, Howard Resident/Faculty Research Forum, *Sleep Disordered Breathing in Sickle Cell Disease*, May 4, 2016, Walter Lester Henry, Jr., M.D. Auditorium, Howard University

Invited Lecture, Walter Lester Henry, Jr. M.D. MACP 19th Annual Symposium, *Obesity and Obesity Related Disorders*, Howard University, April 6, 2016; "Obesity and Sleep".

DC Thoracic Society, Fairfax Inova Hospital, Fairfax Virginia, March 2, 2016, Research Presentations; *Sleep Disordered Breathing in Sickle Cell Disease*

Invited Lecture, Howard University Department of Psychiatry Grand Rounds, September 24, 2015: *The Importance of Sleep.*

Invited Lecture, Conference by the Sea, MD/DC Society for Respiratory Care, September 2014; *"New and Old Tools in Sleep Medicine"*

Slide Presentation, American College of Chest Physicians, Atlanta, Georgia, October 2012; Whitesell PL, Whitesell JF, Vossoughi J, Johnson A: *"Comparison of Airflow Perturbation Device and Impulse Oscillometry Measurements of Airway Resistance"*

Poster, APSS, Boston, MA, June 2012; Chaudhary B, Dungan, GC, Whitesell PL, Rousseau D, Lain D: *"All Night Polysomnography for Sleep Disordered Breathing: End Tidal Carbon Dioxide"*

Poster, APSS, Boston, MA, June 2012; Whitesell PL, Dungan, GC, Chaudhary B, Pearce J, Lain D: *"A Novel Marker of Sleep Disordered Breathing: A Pilot Study of a Pulmonary Index"*

Poster, Society for Technology in Anesthesia Annual Meeting, San Antonio, TX, Jan 2009;

Whitesell PL, Rousseau DA, Wales RA: "*Capnography Filter Lines Adapted for Pressure (PTAF) to Detect Apnea and Hypopnea as a Possible Method for Sleep Disorder Breathing Pattern Recognition*"

Poster, American College of Chest Physicians, Philadelphia, PA, October 2008; Whitesell PL, Jones G, Yungbluth L, Dyott W: "*Prevalence of Hypoxia During Sleep in Patients Admitted with Acute Congestive Heart Failure*"

Poster/Discussion, American Thoracic Society, San Francisco, California, May 1993; Whitesell PL, Prakash UBS, Staats BA: "*Arterial Blood Gases During Rest and Exercise in Alpha-1-Antitrypsin Deficiency*"

Poster, American Thoracic Society, Miami, Florida, May 1992; Whitesell PL, Beck KC, Staats BA, Scanlon PD: "*Single Breath Diffusion Capacity Following Methacholine Challenge*"

Affiliate Forum Case Presentation, American College of Chest Physicians, San Francisco, California, November 1991; Whitesell P, Gracey D: "*Polymyositis Presenting as Failure to Wean from Mechanical Ventilation*"

Poster, American Thoracic Society, Anaheim, California, May 1991; P Whitesell, T Kreofsky, G Gleich, M Rohrbach: "*Platelet Activation by Eosinophil Major Basic Protein Independent of Calcium Flux*"

ADDITIONAL SCHOLARLY ACTIVITIES

Peer Reviewed Journal Article Reviewer

Sleep and Breathing

Children

International Journal of Environmental Research and Public Health Drug

Design, Development and Therapy

Nature and Science of Sleep

Lancet Respiratory Medicine

Annals of Hematology

7/20/2023