

## **GRANTS SINCE ASPIRE:**

- 2019** American Academy of Sleep Medicine (AASM) Foundation: Physician Scientist Training Award
- 2022** American Academy of Sleep Medicine Foundation: Bridge to Success Grant for Early Career Investigators
- 2022** NIH NHLBI K23: PA-20-205 (Mentored Patient-Oriented Research Career Development Award) Title: Use of Novel Multi-Modality Imaging to Evaluate the Relationship Between Sleep Duration, Vascular Inflammation, and Visceral Adiposity
- 2022** NIH NHLBI Loan Repayment Grant (LRP)

## **PUBLICATIONS**

- Mar 2017** Vaishnavi Kundel, Neomi Shah. "Impact of Portable Sleep Testing." Sleep Medicine Clinics on Social and Economic Dimensions of Sleep Disorders
- Mar 2018** Vaishnavi Kundel, Maria Trivieri, Nicholas Karakatsanis, Philip Robson, Venkatesh Mani, Jorge Kizer, Robert Kaplan, Zahi Fayad, Neomi Shah (2018) "Assessment of atherosclerotic plaque activity in patients with sleep apnea using hybrid positron emission tomography/magnetic resonance imaging (PET/MRI): a feasibility study". Sleep and Breathing
- Feb 2019** David M Rosen,\* Vaishnavi Kundel,\* Michael Rueschman, Robert Kaplan, Na Guo, James G Wilson, Yuan-I Min, Susan Redline, Neomi Shah. "Self-Reported Snoring and Cardiovascular Disease Events: Results from the Jackson Heart Study" Sleep and Breathing. (\*Co-first author)
- Feb 2020** Neomi Shah, Michelle Reid, Jorge Kizer, Sharma RK, Ravi Sharma, Vaishnavi Kundel, Bharat Ambale Venkatesh, Zahi Fayad, Steven Shea, Robert Kaplan, Joao Lima, Susan Redline. "Sleep Disordered Breathing and Left Ventricular Scar on Cardiac Magnetic Resonance: Results of the Multi-Ethnic Study of Atherosclerosis (MESA)." J Clin Sleep Med.
- June 2020** Vaishnavi Kundel, Neomi Shah, MPH, MS. "Response to Letter to the Editor for: Self-reported snoring and incident cardiovascular disease events: results from the Jackson Heart Study." Sleep and Breathing.
- May 2021** Vaishnavi Kundel, Michelle Reid; Zahi Fayad; Indu Ayappa; Venkatesh Mani; Michael Rueschman; Susan Redline; Steven Shea; Neomi Shah. "Sleep Duration and Vascular Inflammation on Positron Emission Tomography/Magnetic Resonance Imaging (PET/MRI): Results from MESA" J Clin Sleep Med.
- May 2021** Seth Newman, Vaishnavi Kundel, Mika Matsuzaki, Jorge R Kizer, Robert Kaplan, Zahi Fayad, Steven Shea, Matthew Allison, Michael Criqui, Pamela L. Lutsey, Robyn McClelland, Susan Redline, Neomi Shah. "Sleep Apnea and Coronary Artery Calcium: Results from the Multi-Ethnic Study of Atherosclerosis (MESA)" J Clin Sleep Med.
- Aug 2021** Oren Cohen, Mira M. John, Audrey E Kaufman, Vaishnavi Kundel, Omar Burschtin, Samira Khan, Zahi Fayad, Venkatesh Mani, Neomi Shah "Novel Non-invasive Assessment of Upper Airway Inflammation in Obstructive Sleep Apnea using Positron Emission Tomography/ Magnetic Resonance Imaging" Sleep Breath
- Oct 2021** Vaishnavi Kundel, Daniel Lehane, Sarayu Ramachandran MS, Zahi Fayad, Philip Robson, Neomi Shah, Venkatesh Mani. "Measuring Visceral Adipose Tissue Metabolic Activity in Sleep Apnea Utilizing Hybrid 18F-FDG PET/MRI: A Pilot Study." Nat Sci Sleep.
- Feb 2022** Vaishnavi Kundel, Ankit Parekh, Prince Darko Agyapong, Pahnwat Taweeseedt, Indu Ayappa, Darby Jack, Seyram Kaali, Kwaku Poku Asante, Alison Lee. "Characterizing Sleep-Wake Patterns in Mothers and Children in an Agrarian Community: Results from Ghana Randomized Air Pollution and Health Study (GRAPHS)." SLEEP
- May 2022** Vaishnavi Kundel, Sogol Javaheri, Reena Mehra, Paul Schumacker, Najib Ayas, Yuksel Peker. "Update in Sleep 2021" Am J Respir Crit Care Med.
- Aug 2022** Reena Mehra; Mina K. Chung, Brian Olshansky; Virend Somers, Dominik Linz, Dobromir Dobrev, Susan Redline, Prashanthan Sanders, Chandra Jackson, Vaishnavi Kundel, Nancy Redeker. "Sleep Disordered Breathing and Cardiac Arrhythmias in Adults: Mechanistic Insights and Clinical Implications. A Scientific Statement from the American Heart Association." Circulation