

Bibliography

corresponding author

Peer Reviewed Articles

(author(s) [list of authors], title of article, journal and year, volume, pages)

1. **May AM**, Blackwell T, Stone PH, Stone KL, Cawthon PM, Sauer WH, Varosy PD, Redline S, Mehra R; MrOS Sleep (Outcomes of Sleep Disorders in Older Men) Study Group. Central Sleep-disordered Breathing Predicts Incident Atrial Fibrillation in Older Men. *Am J Respir Crit Care Med*. 2015;193(7):783-791. doi:10.1164/rccm.201508-1523OC. PMID: 26595380.
 2. **May AM[#]**, Blackwell T, Stone KD, Cawthon PM, Sauer WH, Varosy PD, Redline S, Koo BB, Mehra R; Osteoporotic Fractures in Men (MrOS) Study Group. Longitudinal Relationships of Periodic Limb Movements During Sleep and Incident Atrial Fibrillation. *Sleep Med*. 2016. 25: 78-86. PMID: 27823721
 3. **May AM[#]**, van Wagener DR, Mehra R. OSA and Cardiac Arrhythmogenesis: Mechanistic Insights. *Chest*. 2016 ;151(1):225-241. PMID: 27693594.
 4. **May AM[#]**, Gandotra K, Auckley DH. 15-year-old male with mysterious variability in apnea hypopnea index. *Chest*. 2018; 153(1): e9-e12. PMID: 29307436.
 5. Gandotra K, **May AM**, Auckley DH. Variable Response to CPAP in a Case of Severe Obstructive Sleep Apnea: An Unusual Cause. *J Clin Sleep Med*. 2018 Jan 15;14(1):145-148. PMID: 29198296
 6. **May AM[#]**, Gabrieih T, Wang L, Hurley A, Walia H, Strohl KP, Mehra R. CPAP Adherence predictors of in a randomized controlled trial of moderate-to-severe OSA enriched with women and minorities. *CHEST*. 2018 Apr 20: 154(3): 567-578. PMID: 29684316
 7. **May AM[#]**, Kazakov J, Strohl KP. Predictors of intraprocedural respiratory bronchoscopy complications. *Journal of Bronchology and Interventional Pulmonology*. 2019 Aug 30. PMID: 31478940.
 8. **May AM[#]**, May RD, Bena J, Wang L, Monahan K, Stone KL, Cawthon PM, Barrett-Connor E, Koo BB, Winkelman JW, Redline S, Mittleman MA, Mehra R for the Osteoporotic Fractures in Men (MrOS) Study Group. Individual Periodic Limb Movements with Arousal are Temporally Associated with Nonsustained Ventricular Tachycardia: A Case-Crossover Analysis. *SLEEP*. 2019 Oct 21;42(11). PMID 31585012
 9. **May AM[#]**, Wang L, Strohl KP, Walia H, Hazen S, Mehra R. Sex-Specific Differential Responses of Circulating Biomarkers in Obstructive Sleep Apnea Treatment: a Post-hoc Analysis of a Randomized Controlled Trial. *Ann Am Thorc Soc*. 2020 May; 17(5): 605-613. PMID: 31860326
 10. **May AM[#]**, Wang L, Kwon D, Van Wagener DR, Chung MK, Dalton J, Mehra R. Sleep Apnea Screening Instrument Evaluation and Novel Model Development and Validation in the Paroxysmal Atrial Fibrillation Population. *Int J Cardiol Heart Vasc*. 2020 Dec; 31.PMID: 33364332
-

11. DiFelice C, Sharma P, Folt D, Jacono F, Shine R, Shatat M, McKell J, **May AM**, Matta M. Do Interviews Really Matter in Generating Programs and Applicants' Rank Lists for the Match? *South Med J*. 2022 Apr;115(4):239-243. doi: 10.14423/SMJ.0000000000001384.
12. Chang JL, Goldberg AN, Alt JA, Ashbrook L, Auckley D, Ayappa I, Bakhtiar H, Barrera JE, Bartley BL, Billings ME, Boon MS, Bosschieter P, Braverman I, Brodie K, Cabrera-Muffly C, Caesar R, Cahali MB, Cai Y, Cao M, Capasso R, Caples SM, Chahine LM, Chang CP, Chang KW, Chaudhary N, Cheong CSJ, Chowdhuri S, Cistulli PA, Claman D, Collen J, Coughlin K, Creamer J, Davis EM, Dupuy-McCauley KL, Durr ML, Dutt M, Ali ME, Elkassabany NM, Epstein LJ, Fiala JA, Freedman N, Gill K, Gillespie MB, Golisch L, Gooneratne N, Gottlieb DJ, Green KK, Gulati A, Gurubhagavatula I, Hayward N, Hoff PT, Hoffmann OMG, Holfinger SJ, Hsia J, Huntley C, Huoh KC, Huyett P, Inala S, Ishman S, Jella TK, Jobanputra AM, Johnson AP, Junna MR, Kado JT, Kaffenberger TM, Kapur VK, Kezirian EJ, Khan M, Kirsch DB, Kominsky A, Kryger M, Krystal AD, Kushida CA, Kuzniar TJ, Lam DJ, Lettieri CJ, Lim DC, Lin HC, Liu SYC, MacKay SG, Magalang UJ, Malhotra A, Maurer JT, **May AM**, Mitchell RB, Mokhlesi B, Mullins AE, Nada EM, Naik S, Nokes B, Olson MD, Pack AI, Pang EB, Pang KP, Patil SP, de Perck EV, Piccirillo JF, Pien GW, Piper AJ, Plawecki A, Quigg M, Ravesloot MJL, Redline S, Rotenberg BW, Ryden A, Sarmiento KF, Sbeih F, Schell AE, Schmickl CN, Schotland HM, Schwab RJ, Seo J, Shah N, Shelgikar AV, Shochat I, Soose RJ, Steele TO, Stephens E, Stepnowsky C, Strohl KP, Sutherland K, Suurna MV, Thaler E, Thapa S, Vanderveken OM, de Vries N, Weaver EM, Weir ID, Wolfe LF, Woodson BT, Won CHJ, Xu J, Yalamanchi P, Yaremchuk K, Yeghiazarians Y, Yu JL, Zeidler M, Rosen IM. International consensus on obstructive sleep apnea. *Int Forum Allergy Rhinol*. 2022 Sep 6. doi: 10.1002/alr.23079. Online ahead of print.
13. Billing ME and **May AM**[#]. Racial differences in positive airway pressure adherence in the treatment of sleep apnea. *Sleep Medicine Clinics*. 2022 Oct 9. doi: 10.1016/j.jsmc.2022.07.002. Online ahead of print.

Invited, Non-Peer Reviewed

1. **May AM**, Mehra R. Obstructive Sleep Apnea: Role of Intermittent Hypoxia and Inflammation. *Seminars in Respiratory and Critical Care Medicine*. 2014;35(05):531-544. doi:10.1055/s-0034-1390023. PMID: 25333334.

Books and Book Chapters (published or in press only)

1. **May AM**, Gildea TR, Mehra R. Is the Jury Out or In? The Potential Catastrophe of Obstructive Sleep Apnea. In: Foldvary-Schaefer N, Mehra R, Grigg-Damberger M, eds. A Case a Week: Sleep Disorders from the Cleveland Clinic, 2nd Ed. New York: Oxford University Press. 2019. ISBN 9780190671099.
2. **May AM**, Mehra R. Not for the Faint of Heart. In: Foldvary-Schaefer N, Mehra R, Grigg-Damberger M, eds. A Case a Week: Sleep Disorders from the Cleveland Clinic, 2nd Ed. New York: Oxford University Press. 2019. ISBN 9780190671099.
3. Lui SY, **May AM**, Mehra R. Sleep disordered breathing: treatment. Murray & Nadel's Textbook of Respiratory Medicine. 7th ed. Broaddus V, Ernst JD, King T, Lazarus SC, Sarmiento KF, Schnapp LM, Stapleton RD, editors. Philadelphia, PA: Elsevier, Inc.; 2020. Chapter 121.

Audio/Visual

1. **Anna M. May**, presenter. American Thoracic Society Assembly on Sleep & Respiratory Neurobiology Journal Club Webinar: Pharmacotherapeutic failure in a large cohort of patients with insomnia presenting to a sleep medicine center and laboratory. March 11, 2015. Webinar. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/pharmacotherapeutic-failure-in-a-large.php>
2. **Anna M. May**, moderator. American Thoracic Society Assembly on Sleep & Respiratory Neurobiology Journal Club Webinar: Low-dose nocturnal dexmedetomidine prevents ICU delirium. November 7, 2018. Webinar. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/low-dose-nocturnal-dexmedetomidine-prevents-ICU-delirium-a-randomized-placebo-controlled-trial.php>
3. **Anna M. May**, moderator. American Thoracic Society Assembly on Sleep & Respiratory Neurobiology Journal Club Webinar: The combination of atomoxetine and oxybutynin greatly reduces obstructive sleep apnea severity. February 13, 2019. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/the-combination-of-atomoxetine-and-oxybutynin.php>
4. **Anna M. May**, moderator. American Thoracic Society Assembly on Sleep & Respiratory Neurobiology Journal Club Webinar: Evaluation and management of obesity hypoventilation syndrome. January 8, 2020. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/evaluation-and-management-of-obesity-hypoventilation-syndrome.php>
5. **Anna M. May**, moderator. American Thoracic Society Assembly on Sleep & Respiratory Neurobiology Journal Club Webinar: Long-term noninvasive ventilation in chronic stable hypercapnic chronic obstructive pulmonary disease. September 16, 2020. Webinar. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/long-term-noninvasive-ventilation-in-chronic.php>
6. **Anna M. May**, interviewer and editor. American Thoracic Society Breathe Easy Podcasts: ASPIRE fellowship interview with Dr. Lucas Donovan. February 9, 2021. Podcast. <https://www.thoracic.org/about/ats-podcasts/aspire-fellowship-interview.php>
7. Anna M. May, organizer and moderator. . American Thoracic Society Sleep & Respiratory Neurobiology Webinar – Philips Respironics Recall: International Perspectives and Health Disparities. August 19, 2021. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/philips-respironics-recall-international-perspectives-and-health-disparities.php>
8. Anna M. May, organizer and moderator. American Thoracic Society Sleep & Respiratory Neurobiology Journal Club Webinar: Differences in Symptom and Severity of Obstructive Sleep Apnea between Black and White Patients. March 23, 2022. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/differences-in-symptom-and-severity-of-obstructive-sleep.php>

9. **Anna M. May**, interviewer and organizer. American Thoracic Society Sleep & Respiratory Neurobiology Podcast: ATS 2022 Sleep Roadmap.
10. Anna M. May, organizer and moderator. Joint webinar for the American Thoracic Society Sleep and Respiratory Neurobiology, CHEST, American Association of Sleep Medicine, and the Canadian Thoracic Society: Masks and machines – update on Philips FDA guidance. October 27, 2022. <https://www.thoracic.org/members/assemblies/assemblies/srn/journal-club/index.php#srn-oct-27>

Letters

1. Mehra R, **May AM**. In Reply: Sleep apnea ABCs. *Cleve Clin J Med*. 2015;82(9):556-562. doi:10.3949/ccjm.82c.090002. PMID: 26366949

Abstracts

* presented orally

1. Razavi A, **May A**, Mack S, Dunlap ME, Krishnan V. Screening for sleep disordered breathing in patients with preserved ejection fraction heart failure. Associated Professional Sleep Societies. June 6, 2010.
2. **May AM**, Krishnan V. Restless Legs Syndrome in Heart Failure: A Prevalence Study. *Chest*. 140(4_MeetingAbstracts): 797A. doi:10.1378/chest.1117757
3. **May AM***, Blackwell T, Stone PH, Stone KL, Cawthon PM, Loparo KA, Varosy PD, Redline S, Mehra R for the MrOS Study Group. Sleep disordered breathing determinants of incident atrial fibrillation in an elderly male cohort. *Am J Respir Crit Care Med*. ; 89: A2403.
4. **May AM***, Blackwell T, Stone KL, Cawthon PM, Varosy PD, Redline S, Koo B, Mehra R for the Osteoporotic Fractures in Men (MrOS) Study Group. Periodic Limb Movements and Incident Atrial Fibrillation in an Elderly Male Cohort. *Am J Respir Crit Care Med*. 2015;191: A6112.
5. **May AM**, Kazakov J, Strohl KP. STOP-Bang Does Not Predict Bronchoscopy Complications During Moderate Conscious Sedation. *SLEEP*. 2016;39 abstract supplement: A386.
6. **May AM**, Gharibeh T, Bena J, Wang L, Hayes A, Kingman KP, and Mehra M. Adherence Predictors of Active and Sham CPAP in a Randomized Controlled Trial. *Am J Respir Crit Care Med*. 2017;195.
7. Ayache M, **May AM**, and Strohl KP. Poor Inter-rater Reliability in Interpretation of Overnight Oximetry Despite Worksheet Assistance. *Am J Respir Crit Care Med*. 2017;195.
8. **May AM***, May RD, Bena J, Wang L, Monahan K, Stone KL, Cawthon PM, Barrett-Connor E, Koo BB, Winkelmann JW, Redline S, Mittleman MA, Mehra R for the Osteoporotic Fractures in Men (MrOS) Study Group. Association of Individual Periodic Limb Movements and Non-sustained

Tachycardia During Sleep: A Case-Crossover Analysis. *SLEEP*. 2017; 40 abstract supplement: A266.

9. **May AM**, Wang L, Mehra M. Development of an Enhanced Obstructive Sleep Apnea Screening Model in Individuals with Atrial Fibrillation. *Am J Respir Crit Care Med*. 2018; 197: B68, A3973.
10. **May AM**, Wang L, Walia HK, Strohl KP, Mehra R. Sex-Specific Differences in Systemic Inflammation Markers in Response to Obstructive Sleep Apnea Treatment: The Sleep Apnea Stress Study Randomized Controlled Trial. *Am J Respir Crit Care Med*. 2018;197: D19, A6219.
11. Donatelli C, **May AM**, Matta M, Jacono F. Outcomes of Lung Cancer Screening with Low-Dose Computed Tomography Among Individual with Self-Reported Asbestos Exposure in the National Lung Screening Trial. *Am J Respir Crit Care Med*. 2018; 197: B110, A4418.
12. **May AM***, Koo BB, Yaffe K, Leng Y, Cawthon PM, Redline S, Stone KL, Mehra R for the MrOS Study Group. Frequent Periodic Limb Movements During Sleep and Risk of Incident Stroke. *SLEEP*. 2018; 41 supplement 1: A377.
13. **May AM**, May RD, Bena J, Wang L, Monahan K, Stone KL, Cawthon PM, Barrett-Connor E, Koo BB, Winkelman JW, Redline S, Mittleman MA, Mehra R for the Osteoporotic Fractures in Men (MrOS) Study Group. Sleep-Related Event Physiologic Timing for Triggering Nonsustained Ventricular Tachycardia: a Case-crossover Analysis. *SLEEP*. 2019; 42 abstract supplement: A267.
14. **May AM**, Dalton JE, Strohl KP. Comparing predictive models of sleep apnea adherence. *Am J Respir Crit Care Med*. 2020; 201: A6170.
15. Martin JL, Sankari A, Salloum A, Zeineddine S, Arvai K., Henzel MK, Shamim-Uzzaman Q, **May A**, Fung CH, Mitchell MN, Strohl KP, Badr MS. An education and behavioral intervention failed to improve PAP use among veterans with spinal cord injuries and diseases: results of a randomized controlled trial. *SLEEP*. 2020; 43 abstract supplement: A246.
16. **May AM**, Gandotra K, Jaskiw GE. Associations between severe mental illness and positive airway adherence in a veteran cohort. *SLEEP*. 2020; 43 abstract supplement: A420-421.
17. **May AM**, Dalton JE, Strohl KP. Comparing predictive models of sleep apnea adherence. *AJRCCM* 2020; 203 supplement. C109.
18. **May AM**. Association Between Sleep Disordered Breathing and Hospitalization Costs, Length of Stay, and Overall Mortality. *Am J Respir Crit Care*. 2021; 203 conference supplement: TP132.
19. Strumpf ZB, **May AM**. A bad sigh: trainee comfort with and knowledge about sleep-related hypoventilation evaluation and management. *AJRCCM* 2021; 203 supplement. A1520.
20. **May AM**, Cost-effectiveness of requalifying for positive airway pressure treatment after initial nonadherence. *SLEEP* 2021; 44 supplement: A179.
21. Zakhary N, Mehra R, Monahan K, Sahadevan J, **May AM**. The effect of cardioversion therapy for atrial fibrillation on AHI in obstructive sleep apnea patients. *SLEEP* 2021. 44 supplement: A181.
22. Kramer P. and **May AM**. Intensive Care Unit Hyperoxia in Chronic Obstructive Pulmonary Disease Patients Receiving Supplemental Oxygen. *ATS* 2022.

Grants and Research Support

(granting agency, title of project, principal investigator, percent of effort, total direct costs awarded, dates inclusive [start – end])

Current

1. VA CSR&D Career Development Award-2, “Breathing Patterning in Obstructive Sleep Apnea.” A. May – PI, 75%, \$1,301,285, 7/1/2019-6/30/2024

Completed

1. Louis Stokes Cleveland VA Medical Research and Education Foundation, “Trazodone Dose Tolerance and Positive Airway Pressure Adherence.” A. May – PI, 5%, \$11,558, 7/1/218 – 6/30/19
2. NIH/NHLBI, Sleep Medicine Neurobiology and Epidemiology, K. Strohl, 90%, 07/01/16- 06/30/2021
3. University Hospitals Health Analytics and Informatics Pilot Award, A. May – PI, 5%, \$25,000; 3/1/19-8/31/20

Honors and Awards

| | |
|--|-------------|
| Phi Beta Kappa, University of North Carolina at Chapel Hill, Chapel Hill, NC | 2003 |
| Doctors M. Henry and Myron E. Speck Scholarship, OSU | 2005 |
| Samuel J. Roessler Memorial Research Fellowship Award, OSU | 2006 |
| Outstanding Academic Merit Scholarship, OSU | 2007 |
| Bradfield – Waltrous Memorial Fund Award, OSU | 2007 |
| William and Shirley Shapero Scholarship, OSU | 2006 – 2007 |
| Alspaugh Medical Scholarship, OSU | 2005 – 2008 |
| American Academy of Sleep Medicine Young Investigators Research Forum | 2015 |
| American Thoracic Society Conference Fellows Track Symposium | 2015 |
| Sleep Research Network Annual Meeting Travel Award | 2016 |
| ASPIRE (Academic Sleep Pulmonary Integrated REsearch/Clinical) Fellowship | 2017 |
| American Thoracic Society, Assembly on Sleep and Respiratory Neurobiology Abstract Scholarship | 2018 |
| Sleep Research Society Career Skills Early Career Stage Clinical Investigator Award | 2018 |

