

Eileen B. Leary, PhD, RPSGT

Curriculum Vitae

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Tenacious sleep nerd with over 20 years of collaborative clinical research experience.

Senior scientist known for inspiring teams to successfully deliver patient-centric research studies.

- PhD in Epidemiology and Clinical Research from Stanford University
- Rare ability to effectively communicate between diverse stakeholders
- Experience includes 30+ clinical research studies, 80+ scientific publications, and 30+ presentations

Currently leading biopharmaceutical research focused on helping people achieve an amazing night's sleep.

Education

PhD, Epidemiology and Clinical Research, Stanford University School of Medicine <i>Thesis: Sleep and Death: The Relationship Between REM Sleep and Mortality</i>	6/2020
MS, Epidemiology and Clinical Research, Stanford University School of Medicine <i>Thesis: The Association Between Periodic Leg Movements (PLMs) and Sleepiness in the Wisconsin Sleep Cohort</i>	6/2013
BA, Psychology, University of California, San Diego <i>Provost Honors; Honors Thesis: Effects of Smoking Cessation on Sleep Education Abroad Program (University of College Cork, Ireland)</i>	6/1995

Professional Credentials and Memberships

American Academy of Sleep Technologist Fellow (FAAST)	10/2020 – present
World Sleep Society Member	4/2019 – present
Basic Life Support (BLS) Provider	11/2016 – present
ABSM Registered Sleep Technologist (RST) (# 2791)	2/2012 – present
Sleep Research Society Member	7/2010 – present
California Sleep Society Member	11/2007 – present
BRPT Registered Polysomnographic Technologist (RPSGT) (# 2157)	6/1998 – present
American Association of Sleep Technologists Member	5/1997 – present

Employment and Research Experience

Axsome Therapeutics (San Francisco, CA - remote) 1/2023 – present
Senior Director, Clinical Development

Served as Molecule Lead for sleep and neuroscience programs. Responsible for developing and leading an integrated sleep/neuroscience clinical program spanning all phases of research.

- Aligned clinical research activities with core business objectives across 2 molecules and 7 therapeutic areas (narcolepsy, idiopathic hypersomnia, obstructive sleep apnea, shift work disorder, attention-deficit/hyperactivity disorder, major depressive disorder, and binge eating disorder).
- Propelled company visibility as a leading entity in the sleep field through strategic presentations of scientific findings at prominent conferences, securing partnerships with 6 influential key opinion leaders, and orchestrating >20 high-impact engagements with key opinion leaders.

- Served as sleep medicine subject matter expert, driving strategy and decision-making by staying informed on the latest advancements in clinical research, therapeutic areas, and regulatory guidelines. Attended 4 scientific conferences, 1 PERI course, 3 NASEM workshops, and 4 CDER seminars.
- Drove the development/execution of 16 clinical studies from early phase development (hepatic, TQT, and food effect studies) through post-marketing requirements (pregnancy studies).
- Authored >15 pivotal documents including study protocols, pediatric study plans, clinical study reports, pINDs, briefing books, investigator brochures, and annual reports through close collaboration with key stakeholders across regulatory affairs, biostatistics, CMC, medical affairs, commercial and executive leadership teams.
- Led 5 clinical study teams to ensure timely initiation and meticulous execution of high-quality, cost-efficient clinical trials in partnership with clinical operations and contracted research organizations (IND submission through Phase 4 studies).
- Analyzed and interpreted clinical trial data, effectively communicating insights to internal and external stakeholders, including publication of 4 original abstracts.
- Championed a culture of scientific rigor, collaboration, and innovation by fostering open communication and providing mentorship to junior colleagues.

Jazz Pharmaceuticals (Palo Alto, CA)

7/2020 – 1/2023

Director, Clinical Scientist Lead

Drove the post-approval research strategy for Global Medical Affairs. Responsible for identifying and prioritizing data gaps, designing and implementing real world evidence research studies, and articulating to matrix teams and senior leadership how findings can be applied to business and medical decisions.

- Hired, trained, and supervised team of high functioning clinical scientists. Served as mentor to team members and outside colleagues by promoting and prioritizing professional development.
- Designed 5+ studies that were patient centric, feasible to operationalize, and generated evidence of interest to patients, health care providers, and the scientific community.
- Led multiple high-functioning, cross-functional teams to successfully develop and deploy research studies with intelligence, compassion, enthusiasm, and integrity.
- Served as sleep and clinical science subject matter expert to matrix teams to ensure scientific rigor in research studies.
- Published 3 peer-reviewed manuscripts and 12 original abstracts presented at scientific conferences.

Eileen Leary (Independent) (San Francisco, CA)

7/2018 – present

Sleep Research Design and Analysis Consultant

Provided strategic insight and clinical research support including designing clinical trials, writing proposals, designing questionnaires, constructing data analysis plans, performing data analysis, interpreting results, and writing manuscripts.

San Francisco VA Medical Center (San Francisco, CA)

4/2010 – 5/2011

Consultant, Clinical Trial Operations

Advised Dr. Thomas Neylan's research team on deployment of NIMH's 1-million-dollar Cognitive Behavioral Treatment of Insomnia in Post-traumatic Stress Disorder Study: a randomized, 2-arm controlled trial examining whether CBTi improves sleep in PTSD patients.

- Developed strategy to launch a complex neurocognitive test battery for the clinical trial.
- Authored quality control procedures and training materials to ensure the ongoing integrity of the research data.

Stanford Center for Sleep Sciences & Medicine (Palo Alto, CA)

3/2009 – 6/2020

Senior Manager of Clinical Research

Responsibilities included leading scientific and technical initiatives, writing grants/proposals, performing statistical analysis and power calculations for grant applications/publications, designing research studies/clinical trials, developing budgets, negotiating contracts, and actively building successful collaborations with internal and third-party organizations.

- Project Director for the Stanford Technology Analytics and Genomics in Sleep (STAGES) study: a prospective study that will sleep related data on 30,000 sleep clinic patients (age 13 and up) including genetic and phenotypic data.
Managed study at the strategic level to ensure that the project progressed on time and on budget. Chaired Operations Committee, coordinated development of the data management portal, provided high-level oversight for data collection, and managed the databases and servers for secure storage and sharing.
- Project Director for the Alliance Sleep Questionnaire (ASQ): an online questionnaire that uses complex, branching logic to identify potential sleep disorders.
Partnered with stakeholders from 5 institutions to develop the ASQ's content, conducted the pilot study, managed deployment, and integrated the new tool into the core workflow at Stanford's Sleep Clinic. Responsible for the ongoing management of the ASQ (monitoring data acquisition and integrity, assessing data quality, developing scoring algorithms, and performing data analysis). To date, the ASQ has been completed by over 20,000 people, is critical for >10 research studies (including STAGES and Google baseline pilot), and has become standard of care at the Stanford Sleep Medicine Center.
- Helped department secure >40 million dollars in funding by directing the submission of 15 grant applications (9 funded).
Grants included an 18-million-dollar family foundation grant to build a prospective cohort of 30k sleep clinic patients and a 7.85-million-dollar NIH P01 grant to research the genetic, neurobiological, and immunological basis of type 1 narcolepsy.
- Provided guidance and mentorship to >20 Masters and PhD students from Technical University of Denmark taking part in the Transatlantic Sleep Medicine & Technology program.
- Database Architect/Administrator for the Stanford Sleep Cohort and Narcolepsy Cohort.
Created system to link clinical, research, and sleep study data on >40,000 individuals including biological data on >5,000 narcolepsy cases and >15,000 controls. Optimized data security and operational effectiveness by providing technical expertise and developing both the schema and data dictionaries.
- Implemented and managed Stanford's Multi-site PSG Triple Re-Score Project.
Authored manual of operations for the Stanford Site, developed a partnership with Philips Respironics to streamline data-export of >500 studies, hired/managed scoring techs, produced final dataset, and provided regular updates to the project's steering committee.
- Program and Technical Director of Stanford's Accredited Sleep Technologist Education Program.
Developed A-STEP's course curriculum (including speakers and materials), managed team of 12-15 presenters, handled all administrative requirements (enrollment and record keeping), and presented lectures on various topics ranging from sleep scoring to patient hook-ups.
- Provided operational oversight for 10 clinical studies with sample sizes ranging from 40 to over 8,000.
- Composed/managed >40 department active IRB protocols (involved updates/renewals, adherence to regulations, and coordination of inter-institutional agreements with >25 collaborators).

Stanford Sleep Research Center (Stanford, CA)

11/2002 – 2/2009

National Coordinator / Central Scoring System Manager

Responsible for overall operations on NHLBI's 14.1-million-dollar Apnea Positive Pressure Long-term Efficacy Study (APPLES): a 6-month, randomized, double-blind, 2-arm, sham-controlled, multi-center trial to assess the long-term effectiveness of nasal continuous positive airway pressure (CPAP) therapy for obstructive sleep apnea (OSA) with >1,516 enrolled subjects.

- Managed technical staff and Central Scoring System for both APPLES and APPLES fMRI Study.

Designed and implemented a database to track >20,000 sleep studies. Developed, documented, and implemented quality control and quality assurance procedures. Hired and managed team of up to 15 remote technicians.

- Supervised staff and data collection at Stanford's Clinical Center.
Ensured high-level care was provided to the >400 subjects enrolled at Stanford. Recruited, trained, and supervised a diverse team of 12-16 staff members.
- Ensured program excellence across 5 university, hospital, and private practice sites.
Performed annual site audits, organized and chaired monthly quality assurance meetings, provided operations advice, and made recommendations to promote staffing diversity. Monitored monthly subject enrollment and retention goals for all clinical centers.
- Created procedures and tools to foster standardization and data integrity.
Collaboratively produced a detailed manual of operations and >100 case report forms to help ensure adherence to protocols and the collection of consistent, high-quality data.
- Collaborated in the creation of a robust data entry and management system that effectively collected and stored >8 million data points.
- Assisted Principal Investigator in developing/implementing subsequent clinical trials, including APPLES fMRI, APPLE CORS, and TOPS.

SleepQuest Inc. (Redwood City, CA)

7/2000 – 11/2002

Project Manager / Stanford Liaison

Managed projects for Stanford's Dr. William C. Dement to raise public awareness of the importance of sleep.

- Partnered with Stanford physicians to develop and deploy a successful annual sleep education course for a family practice clerkship (including tests for assessing efficacy).
- Joined forces with third party organizations to incorporate the importance of sleep into college and high school curricula.
- Produced educational materials for long-haul truck drivers to improve their sleep quality and safety practices.
- Designed research protocol for testing the efficacy of SleepQuest's treatment pathway. Results published and presented at 2006 SLEEP conference.
- Improved CPAP adherence for over 100 patients through one-on-one appointments.

San Francisco VA Medical Center (San Francisco, CA)

12/1997 – 7/2000

Contractor

Key contributor on research team examining the effects of Post-Traumatic Stress Disorder on sleep.

- Analyzed and scored sleep studies per project-specific metrics.
- Performed patient hook-ups and calibrated data collection software.

UCSF Mt. Zion Sleep Disorders Center (San Francisco, CA)

4/1997 – 7/2000

Registered Polysomnographic Technologist

Conducted MSLT, MWT, and overnight sleep studies (PSGs) including full apnea hook-ups, PAP/BiLevel titrations, TCCO₂, and PES calibration and monitoring.

- Scored >150 sleep studies for sleep stages, breathing events, arousals, and leg movements.
- Improved patient health by developing/implanting a proactive PAP adherence program.

Teaching / Invited Lectures

Fierce Decentralized Clinical Trials Summit (Philadelphia, PA) Invited Speaker Delivered presentation on “The TENOR Study: Proving Patient Centricity Can Exist in a DCT World”	10/2022
Stanford Dept. of Epidemiology & Pop. Health Seminar Series (EPI 236) (Virtual) Invited Panel Member Participated in Epidemiology Research Seminar - Career Roundtable	1/2022
Stanford Epidemiology Career Panel (Virtual) Invited Panel Member Participated in Epidemiology & Clinical Research PhD Program Career Panel - Industry Alumni	3/2021
The Snooze Button (Podcast) Invited Speaker Discussed REM and mortality with Neil Hedley	10/2020
ReBoot Accel Workshop (Virtual) Invited Speaker Delivered presentation on “Sleep, What Is It Good For?”	9/2020
Bay Area Clinical Research Symposium (San Francisco, CA) Invited Speaker Delivered presentation on “Association Between Reduced REM Sleep and Mortality”	1/2020
Geisinger Health (Danville, PA) Invited Speaker Delivered presentation on “The Science of Sleep”	12/2019
Chabot Space & Science Center (Oakland, CA) Invited Speaker Delivered presentation on “Sleep, What Is It Good For?”	11/2019
World Sleep Congress (Vancouver, Canada) Presenter Oral presentation of original data on “Association Between Reduced REM Sleep and Mortality”	9/2019
Stanford Epidemiology Division (Stanford, CA) Presenter PhD Oral Boards presentation: “Sleep and Death: The Association Between REM Sleep and Mortality.”	6/2019
UCSF Friday Science Meeting (San Francisco, CA) Invited Speaker Presented lecture on “Sleep and Death: Exploring the Relationship between Sleep and Mortality”	8/2018
SLEEP Conference (Baltimore, MD) Presenter, Panel Member Presentation on “How to Remain Competitive in Sleep Medicine” for Careers in Sleep Technology section of the Sleep Tech Track	6/2018

- Big Data Innovation Summit (San Francisco, CA)** **4/2018**
Invited Speaker
 Delivered presentation on “Improving and Automating Sleep Study Interpretation”
- Accredited Sleep Technologist Education Program (Redwood City, CA)** **3/2018**
Program/Technical Director, Lead Instructor (2015-2018)
 Presented lectures and moderated multiple intensive, two week/80-hour training course for sleep technologists. Courses held 3/2015, 3/2016, 9/2016, 3/2017, and 3/2018.
- American Association of Sleep Technologists (AAST) Conference (Boston, MA)** **6/2017**
Invited Speaker
 Delivered presentation on “Advancing your Career to Remain Competitive in Sleep Technology” for the Management Course.
- American Association of Sleep Technologists (AAST) Conference (Denver, CO)** **6/2016**
Invited Speaker
 Delivered presentation on “Patient Hook-ups” for the Fundamentals Course.
- SLEEP Conference (Seattle, WA)** **6/2015**
Presenter, Panel Member
 Presented “Electronic / Web-Based Screening Tools for Sleep Disorders” for the discussion group “How Do New Clinical and Consumer-Oriented Tools Fit within the Practice of Sleep Medicine?”
- SLEEP Conference (Minneapolis, MN)** **6/2014**
Presenter
 Oral presentation of original data on “Validation of Alliance Sleep Questionnaire (ASQ) Narcolepsy Module in Sleep Disordered Patients.”
- Stanford Epidemiology Research Seminar (HRP 236) (Stanford, CA)** **5/2013**
Presenter
 Master’s thesis presentation: “Sleepiness and Periodic Leg Movements in the Wisconsin Sleep Cohort.”

Publications

Peer Reviewed Articles

1. Suh S, Lok R, Weed L, Cho A, Mignot E, **Leary EB**; STAGES cohort investigator group; Zeitzer JM. Fatigued but not sleepy? An empirical investigation of the differentiation between fatigue and sleepiness in sleep disorder patients in a cross-sectional study. *J Psychosom Res.* 2024 Feb 9;178:111606. DOI: 10.1016/j.jpsychores.2024.111606. PMID: 38359639.
2. Husain AM, Zee PC, **Leary EB**, Fuller DS, Macfadden W, Candler S, Whalen M, Bae CJ. Dosing and transition characteristics in people with narcolepsy transitioning from sodium oxybate to low-sodium oxybate: Data from the real-world TENOR study. *Sleep Med.* 2024 Jan;113:328-337. DOI: 10.1016/j.sleep.2023.11.022. Epub 2023 Nov 25. PMID: 38103464.
3. Cederberg KLJ, Peris Sempere V, Lin L, Zhang J, **Leary EB**, Moore H, Morse AM, Blackman A, Schweitzer PK, Kotagal S, Bogan R, Kushida CA, STAGES Cohort Investigator Group, Mignot E. Proteomic insights into the pathophysiology of periodic limb movements and restless legs syndrome. *Sleep Health.* 2023 Aug 8:S2352-7218(23)00130-4. DOI: 10.1016/j.sleh.2023.06.008. PMID: 37563071.

4. Bae CJ, Zee PC, **Leary EB**, Fuller DS, Macfadden W, Candler S, Steininger TL, Husain AM. Effectiveness and tolerability in people with narcolepsy transitioning from sodium oxybate to low-sodium oxybate: Data from the real-world TENOR study. *Sleep Med.* 2023 Sep;109:65-74. DOI: 10.1016/j.sleep.2023.05.023. Epub 2023 Jun 19. PMID: 37421868.
5. Grandner MA, Min JS, Saad R, **Leary EB**, Eldemir L, Hyman D. Health-related impact of illness associated with excessive daytime sleepiness in patients with obstructive sleep apnea. *Postgrad Med.* 2023 May 2:1-10. DOI: 10.1080/00325481.2023.2203623. Epub ahead of print. PMID: 37129416.
6. Li K, Iwasaki T, Quo S, **Leary EB**, Li C, Guilleminault C. Nasomaxillary Expansion by Endoscopically-Assisted Surgical Expansion (EASE): An airway centric approach. *Orthod Fr.* 2022 Dec 1;93(Suppl 1):75-89. English. DOI: 10.1684/orthodfr.2022.97. PMID: 36704952.
7. Brink-Kjaer A, **Leary EB**, Sun H, Westover MB, Stone KL, Peppard PE, Lane NE, Cawthon PM, Redline S, Jennum P, Sorensen HBD, Mignot E. Age estimation from sleep studies using deep learning predicts life expectancy. *NPJ Digit Med.* 2022 Jul 22;5(1):103. DOI: 10.1038/s41746-022-00630-9. PMID: 35869169; PMCID: PMC9307657.
8. Cederberg KLJ, Hanif U, Peris Sempere V, Hédou J, **Leary EB**, Schneider LD, Lin L, Zhang J, Morse AM, Blackman A, Schweitzer PK, Kotagal S, Bogan R, Kushida CA, Ju YS, Petousi N, Turnbull CD, Mignot E, The Stages Cohort Investigator Group. Proteomic Biomarkers of the Apnea Hypopnea Index and Obstructive Sleep Apnea: Insights into the Pathophysiology of Presence, Severity, and Treatment Response. *Int J Mol Sci.* 2022 Jul 20;23(14):7983. DOI: 10.3390/ijms23147983. PMID: 35887329; PMCID: PMC9317550.
9. Hanif UR, **Leary EB**, Schneider LD, Paulsen RR, Morse AM, Blackman A, Schweitzer PK, Kushida CA, Liu SY, Jennum P, Sorensen HBD, Mignot E., Estimation of Apnea-Hypopnea Index using Deep Learning on 3D Craniofacial Scans. *IEEE J Biomed Health Inform.* 2021 May 7;PP. DOI: 10.1109/JBHI.2021.3078127. PMID: 33961569.
10. **Leary EB**, Stone KL, Mignot E., Living to Dream - Reply JAMA Neurol. April 1, 2021. *JAMA Neurol.* 2021;78(4):495-496. DOI: 10.1001/jamaneurol.2021.0056. PMID: 33646274.
11. Cheung J, **Leary EB**, Lu H, Zeitzer JM, Mignot E. PSG Validation of minute-to-minute scoring for sleep and wake periods in a consumer wearable device. *PLOS One.* 2020 Sep 17;15(9):e0238464. DOI: 10.1371/journal.pone.0238464. PMID: 32941498; PMCID: PMC7498244.
12. **Leary EB**, Watson KT, Ancoli-Israel S, Redline S, Yaffe K, Ravelo LA, Peppard PE, Zou J, Goodman S, Mignot E, Stone KL for the Osteoporotic Fractures in Men (MrOS) Study Research Group. Reduced REM Sleep is Associated with Mortality in Middle Aged and Older Adults. *JAMA Neurol.* Published online July 6, 2020. DOI:10.1001/jamaneurol.2020.2108. PMID: 32628261.
13. **Leary EB***, Zinchuk A*, Sone KL, Mehra R. Update in Sleep 2019. *Am J Respir Crit Care Med.* 2020 Jun 15;201(12):1473-1479. DOI: 10.1164/rccm.202003-0586UP. PMID: 32293912
14. Ambati A, Ju YE, Lin L, Olesen AN, Koch H, Hedou JJ, **Leary, EB**, Sempere V, Mignot, E; Taheri S. Proteomic biomarkers of sleep apnea. *SLEEP* 2020 May 5;zsaa086. DOI: 10.1093/sleep/zsaa086. PMID: 32369590.
15. Carvella L, Olesen AN, Brink-Kaera A, **Leary EB**, Peppard PE, Mignot E, Sørensen HBD, Jennum PJ. Design of a deep learning model for automatic scoring of periodic and non-periodic leg movements during sleep validated against multiple human experts. *Sleep Medicine*, 2020 May: 109-119. DOI: 10.1016/j.sleep.2019.12.032.

16. Kim SJ, Kim S, Jeon S, **Leary EB**, Barwick F, Mignot E. Factors associated with fatigue in patients with insomnia. *J Psychiatr Res.* 2019 Oct;117:24-30. DOI: 10.1016/j.jpsychires.2019.06.021. Epub 2019 Jun 28. PMID: 31272015
17. Hanif U, Schneider LD, Trap L, **Leary EB**, Moore H, Guilleminault C, Jennum P, Sorensen HBD, Mignot EJM. Non-invasive machine learning estimation of effort differentiates sleep-disordered breathing pathology. *Physiol Meas.* 2019 Feb 26;40(2):025008. PMID 30736016.
18. Stephansen JB, Olesen AN, Olsen M, Ambati A, **Leary EB**, Moore HE, Carrillo O, Lin L, Han F, Yan H, Sun YL, Dauvilliers Y, Scholz S, Barateau L, Hogl B, Stefani A, Hong SC, Kim TW, Pizza F, Plazzi G, Vandi S, Antelmi, E, Perrin D, Kuna ST, Schweitzer PK, Kushida C, Peppard PE, Sørensen HB, Jennum P., Mignot E. Neural network analysis of sleep stages enables efficient diagnosis of narcolepsy. *Nat Commun.*, 2018 Dec 6;9(1):5229. PMID 30523329.
19. **Leary EB**, Moore H 4th, Schneider LD, Finn, LA, Peppard PE, Mignot E. Periodic Limb Movements During Sleep (PLMS): Prevalence and Associated Sleepiness in the Wisconsin Sleep Cohort. *J Clin Neurophysiol.* 2018 Nov;129(11):2306-2314. PMID 30243181.
20. Weaver MD, Vetter C, Rajaratnam SMW, O'Brien CS, Qadri S, Benca RM, Rogers AE, **Leary EB**, Walsh JK, Czeisler CA, Barger LK. Symptoms of sleep disorders, depression, and anxiety are associated with adverse safety outcomes in healthcare workers. *J Sleep Res.* 2018; 27 (6): e12722. PMID 30069960.
21. Koch H, Schneider LD, Finn LA, **Leary EB**, Peppard PE, Hagen E, Sorensen HBD, Jennum P, Mignot E. Breathing Disturbances Without Hypoxia Are Associated With Objective Sleepiness in Sleep Apnea. *Sleep*, 2017 Nov 1;40(11). PMID 29029253.
22. Olsen AV, Stephansen J, **Leary E**, Peppard P, Sheungshul H, Jennum P, Sørensen H, Mignot E. Diagnostic value of sleep stage dissociation as visualized on a 2-Dimensional sleep state space in human narcolepsy. *J Neurosci Methods.* 2017 Apr 15;282:9-19. PMID: 28219726.
23. Christensen JA, Carrillo O, Moore H 4th, **Leary EB**, Peppard P, Young T, Sorensen H, Jennum P, Mignot, E. Sleep stage transitions during polysomnographic recordings as diagnostic features of type 1 narcolepsy. *Sleep Med.* 2015 Jul 7. PMID:26299470.
24. Moore H 4th, **Leary E**, Lee SY, Carrillo O, Stubbs R, Peppard P, Young T, Widrow B, Mignot E. Design and validation of a periodic leg movement detector. *PLoS One* 2014 Dec 9;9(12):e114565. DOI: 10.1371/journal.pone.0114565. eCollection 2014. PMID:25489744.
25. Kushida CA, Nichols DA, Holmes TH, Quan SF, Walsh JK, Gottlieb DJ, Simon RD Jr, Guilleminault C, White DP, Goodwin JL, Schweitzer PK, **Leary EB**, Hyde PR, Hirshkowitz M, Green S, McEvoy LK, Chan C, Gevins A, Kay GG, Bloch DA, Crabtree T, Dement WC. Effects of continuous positive airway pressure on neurocognitive function in obstructive sleep apnea patients: The Apnea Positive Pressure Long-term Efficacy Study (APPLES), *Sleep.* 2012 Dec 1;35(12):1593-602. PMID:21358847.
26. Quan SF, Chan C, Dement WC, Gevins A, Goodwin JL, Gottlieb DJ, Hirshkowitz M, Hyde PR, Kay GG, **Leary EB**, Nichols DA, Schweitzer PK, Simon RD, Walsh JK, Kushida CA. The Association between Obstructive Sleep Apnea and Neurocognitive Performance—The Apnea Positive Pressure Long-term Efficacy Study (APPLES). *Sleep.* 2011 Mar 1;34(3):303-314B. PMID: 23204602.
27. Dement WC, **Leary EB**. Sleep disorders: a widely ignored pandemic. *FOCUS: Journal for Respiratory Care & Sleep Medicine*, Jan 2009:28.
28. Kushida CA, Nichols DA, Quan SF, Goodwin JL, White DJ, Walsh JK, Schweitzer PK, Guilleminault C, Simon RD, **Leary EB**, Hyde PR, Holmes TH, Bloch DA, Green S, McEvoy LK, Gevins A, Dement WC. The Apnea Positive Pressure Long-term Efficacy Study (APPLES): rationale, design, methods, and procedures. *J Clin Sleep Med.*, 2006 Jul 15; 2(3): 288-300. PMID:17561541.

Book Chapters

1. **Leary, EB.** Patient Preparation. *Fundamentals of Sleep Technology*. Second Edition, Lippincott Williams & Wilkins, 2012, 311-324 (First edition published in 2007, 241-252).
2. **Leary, EB.** Polysomnographic Recording Procedures. *Fundamentals of Sleep Technology*. Second Edition, Lippincott Williams & Wilkins, 2012, 325-339.

Abstracts

1. Van Dongen H, **Leary EB**, Drake C, Bogan R, Jaeger J, Rosenberg R, Streicher C, Kwak H, Bates J, Tabuteau H. Effects of Solriamfetol on Cognition in Participants with Cognitive Impairment Associated with Excessive Daytime Sleepiness in Obstructive Sleep Apnea: SHARP Study Results. *Sleep Medicine Sleep Medicine Suppl 1, Abstracts from the 17th World Sleep Congress, Oct 2023*.
2. Gozal D, Van Dongen H, **Leary EB**, Gursahani H, Parks G, Floam S, Tabuteau H. Solriamfetol Improves Cognitive Performance in Preclinical Models of Sleep Apnea and in a Randomized Placebo-Controlled Study of Sleep Apnea Participants (SHARP). *Sleep Medicine Suppl 1, Abstracts from the 17th World Sleep Congress, Oct 2023*.
3. Nichols D, Macfadden W, **Leary EB**, Gwadry-Sridhar F, Owens J. CATNAP: Burden of Pediatric Narcolepsy on Patients and Caregivers. *Sleep Medicine Suppl 1, Abstracts from the 17th World Sleep Congress, Oct 2023*.
4. Suh S, Lok R, Weed L, Cho A, Mignot E, **Leary E**, Zeitzer J. Fatigued but not sleepy? An empirical investigation of the differentiation between fatigue and sleepiness in sleep disorder patients. *Sleep Medicine Suppl 1, Abstracts from the 17th World Sleep Congress, Oct 2023*.
5. **Leary EB**, Pfister C, Fuller DS, Macfadden W. Effectiveness and Optimization of Lower-Sodium Oxybate in Participants With Narcolepsy Switching From Sodium Oxybate (SEGUE). *Sleep 46(suppl_1) A259-A260*, May 2023, DOI: 10.1093/sleep/zsad077.0591.
6. Van Dongen H, **Leary EB**, Drake C, Bogan R, Jaeger J, Rosenberg R, Streicher C, Kwak H, Bates J, Tabuteau H. Solriamfetol Demonstrates Durable Cognitive Improvement in Adults with Obstructive Sleep Apnea and Excessive Daytime Sleepiness. *Sleep 46(suppl_1) A246*, May 2023, DOI: 10.1093/sleep/zsad077.0559.
7. Husain A, Zee P, **Leary EB**, Macfadden W, Fuller DS, Candler S, Bae C. Patient-Reported Sleep Quality in People With Narcolepsy Transitioning From Sodium Oxybate to Low-Sodium Oxybate. *Sleep 46(suppl_1) A262*, May 2023, DOI: 10.1093/sleep/zsad077.0598.
8. Bae C, Zee P, **Leary EB**, Macfadden W, Fuller DS, Candler S, Husain A. Treatment Satisfaction and Preferences in People With Narcolepsy Transitioning From Sodium Oxybate to Lower-Sodium Oxybate. *Sleep 46(suppl_1) A268*, May 2023, DOI: 10.1093/sleep/zsad077.0611.
9. Nichols D, Macfadden W, **Leary EB**, Gwadry-Sridhar F, Owens J. Hybrid Decentralized Recruitment Approach to a Rare Disease Registry for Pediatric Patients With Narcolepsy: The CATNAP® Registry. *Sleep 46(suppl_1) A260-A261*, May 2023, DOI: 10.1093/sleep/zsad077.0594.
10. **Leary EB**, Bujanover S, Zhang J, Jaeger J, Van Dongen H. Trial design: Solriamfetol's effect on cognitive Health in Apnea participants during a Randomized Placebo-controlled study (SHARP). *Sleep Medicine, Volume 100, Suppl 1, S285-S286* Dec 2022, DOI: 10.1016/j.sleep.2022.05.771.
11. **Leary EB**, Kirby T, Skowronski R, Xu K, Pfister C, Macfadden W. Effectiveness and Treatment Optimization Among Participants With Narcolepsy Switching From Sodium Oxybate to Lower-Sodium Oxybate: Interim Data From the SEGUE Study. *Sleep 45(suppl_1) A177*, June 2022, DOI: 10.1093/sleep/zsac079.392.

12. **Leary EB**, Zee P, Fuller DS, Macfadden W, Steininger T, Bae C, Husain AM. Efficacy and Safety in People With Narcolepsy Transitioning From Sodium Oxybate to Lower-Sodium Oxybate: Data From the Real-World TENOR Study. *Sleep 45(suppl_1)* A176-177, June 2022, DOI: 10.1093/sleep/zsac079.391.
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