Stanford

# Shannon Sullivan, MD

- Clinical Professor, Pediatrics - Pulmonary Medicine
- Clinical Professor (By courtesy), Psychiatry and Behavioral Sciences - Sleep Medicine


### CLINICAL OFFICE (PRIMARY)

- **Pediatric Pulmonary and Cystic Fibrosis Clinic**
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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Meena Kakani - Administrative Manager
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## Bio

### CLINICAL FOCUS

- Sleep Wake Disorders
- Pediatrics
- Sleep Medicine

### ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Pulmonary Medicine
- Clinical Professor (By courtesy), Psychiatry and Behavioral Sciences - Sleep Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, National Sleep Foundation (2024 - present)

### PROFESSIONAL EDUCATION

- Board Certification: Sleep Medicine, American Board of Pediatrics (2009)
- MSc, Oxford University , Medical Statistics (2024)
- Board Certification: Pediatric Pulmonology, American Board of Pediatrics (2008)
- Fellowship: Stanford University - Fellowship (2008) CA
- Fellowship: University of California at San Francisco School of Medicine (2007) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2004)
- Residency: University of California San Francisco (2004) CA
- Medical Education: University of Michigan School of Medicine (2001) MI
- Fellowship, Stanford University , Sleep Disorders (2008)

# Publications

## PUBLICATIONS

- **Consumer sleep technology: A position statement from the National Sleep Foundation.** *Sleep health*
  Dzierzewski, J. M., Erickson, A. J., Ferri, R., Kanady, J., Kirchhoff, T., Lopos, J., Seixas, A., Sullivan, S. S.
  2026

- **Leveraging deep learning applied to chest radiograph images to identify individuals at high risk of chronic obstructive pulmonary disease: a retrospective model validation study** *LANCET DIGITAL HEALTH*
  Jorshery, S., Chandra, J., Walia, A. S., Stumiolo, A., Corey, K., Zekavat, S., Zinzuwadia, A. N., Patel, K., Short, S., Mega, J. L., Plowman, R., Pagidipati, N., Sullivan, et al
  2025; 7 (9)

- **Sleep Disorders in Children with Rett Syndrome.** *Children (Basel, Switzerland)*
  Harner, C., Gaffey, T. A., Sullivan, S. S., Witmans, M., DelRosso, L. M., Tablizo, M. A.
  2025; 12 (7)

- **Retention and characteristics associated with remote questionnaire completion in a general population cohort study: the project baseline health study.** *Frontiers in digital health*
  Carroll, M. K., Faheem, S., Bouteiller, J., Hernandez, A., Mahaffey, K. W., Mega, J. L., Pagidipati, N., Schaack, T., Shah, S. H., Shashidhar, S., Swope, S., Williams, D., Plowman, et al
  2025; 7: 1520132

- **Performance Evaluation of the Verily Numetric Watch Sleep Suite for Digital Sleep Assessment Against In-Lab Polysomnography.** *Journal of sleep research*
  Nelson, B. W., Saeb, S., Barman, P., Verma, N., Allen, H., de Zambotti, M., Baker, F. C., Arra, N., Sridhar, N., Sullivan, S. S., Plowman, S., Rainaldi, E., Kapur, et al
  2025: e70036

- **Performance of the Verily Study Watch for measuring sleep compared to polysomnography** *FRONTIERS IN SLEEP*
  Saeb, S., Nelson, B. W., Barman, P., Verma, N., Allen, H., de Zambotti, M., Baker, F. C., Arra, N., Sridhar, N., Sullivan, S. S., Plowman, S., Rainaldi, E., Kapur, et al
  2024; 3

- **Performance of the Verily Study Watch for measuring sleep compared to polysomnography.** *Frontiers in sleep*
  Saeb, S., Nelson, B. W., Barman, P., Verma, N., Allen, H., de Zambotti, M., Baker, F. C., Arra, N., Sridhar, N., Sullivan, S. S., Plowman, S., Rainaldi, E., Kapur, et al
  2024; 3: 1481878

- **Leveraging Deep Learning of Chest Radiograph Images to Identify Individuals at High Risk for Chronic Obstructive Pulmonary Disease.** *medRxiv : the preprint server for health sciences*
  Doroodgar Jorshery, S., Chandra, J., Walia, A. S., Stumiolo, A., Corey, K., Zekavat, S. M., Zinzuwadia, A. N., Patel, K., Short, S., Mega, J. L., Plowman, R. S., Pagidipati, N., Sullivan, et al
  2024

- **Nonsurgical improvement of severe upper airway obstruction in infants with Robin sequence and cleft palate using Stanford Orthodontic Airway Plate treatment.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Choo, H., Sidell, D. R., Kim, J. W., Ahn, H. W., Day, H. S., Sullivan, S. S.
  2024

- **The OSA patient journey: pathways for diagnosis and treatment among commercially insured individuals in the United States.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Wickwire, E. M., Zhang, X., Munson, S. H., Benjafield, A. V., Sullivan, S. S., Payombar, M., Patil, S. P.
  2024; 20 (4): 505-514

- **Permanent standard time is the optimal choice for health and safety: an American Academy of Sleep Medicine position statement.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Rishi, M. A., Cheng, J. Y., Strang, A. R., Sexton-Radek, K., Ganguly, G., Licis, A., Berneking, M. W., Bhui, R., Creamer, J., Kundel, V., Spector, A. R., Olaoye, O., Hashmi, et al
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- **Sleep medicine advocacy matters for public health and safety.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
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  2023
- **Pilot study of positive airway pressure usage, patient journey and program engagement for users of a digital obstructive sleep apnea program.** *Frontiers in digital health*
  Kumar, S., Rudie, E., Dorsey, C., Caswell, K., Blase, A., Sert Kuniyoshi, F., Benjafield, A. V., Sullivan, S. S.
  2023; 5: 1043578
- **Health advisory: melatonin use in children.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Rishi, M. A., Khosla, S., Sullivan, S. S.
  2022
- **The COVID-19 pandemic and sleep medicine: a look back and a look ahead.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Khosla, S., Beam, E., Berneking, M., Cheung, J., Epstein, L. J., Meyer, B. J., Ramar, K., So, J. Y., Sullivan, S. S., Wolfe, L. F., Gurubhagavatula, I.
  2022
- **Youth, mental health and sleep.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Yuen, K. M., Strang, A., Sullivan, S.
  2022
- **Re: Sørengaard TA, Saksvik-Lehouillier I. Associations between burnout symptoms and sleep among workers during the COVID-19 pandemic. Sleep Med. 2022 Feb;90:199-203.** *Sleep medicine*
  Sullivan, S. S., Gurubhagavatula, I.
  2022
- **Assessment of Patient Journey Metrics for Users of a Digital Obstructive Sleep Apnea Program: Single-Arm Feasibility Pilot Study.** *JMIR formative research*
  Kumar, S., Rudie, E., Dorsey, C., Blase, A., Benjafield, A. V., Sullivan, S. S.
  2022; 6 (1): e31698
- **ATS Core Curriculum 2021. Adult Sleep Medicine: Sleep Apnea.** *ATS scholar*
  Jamil, S. M., Shafazand, S., Dudley, K. A., Lipford, M. C., Gu, C., Jun, J. C., Budnick, I., Davis, E. M., Kent, D., Stanley, J. J., Quaney, R., Stewart, N. H., Young, et al
  2021; 2 (3): 484-496
- **Sleep Medicine Health-Care Worker Concerns About COVID-19: An Early Pandemic Survey.** *Respiratory care*
  Johnson, K. G., Sullivan, S. S., Rastegar, V., Gurubhagavatula, I.
  2021
- **Child and teen sleep and pandemic-era school.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Yuen, K., Strang, A. R., Flynn-Evans, E. E., Barrantes Perez, J. H., Berneking, M., Bhui, R., Cheng, J. Y., Dombrowsky, J., Ganguly, G., Rishi, M. A., Rosen, C., Upender, R., Sullivan, et al
  2021
- **The impact of the COVID-19 pandemic on sleep medicine practices.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Johnson, K. G., Sullivan, S. S., Nti, A. n., Rastegar, V. n., Gurubhagavatula, I. n.
  2021; 17 (1): 79–87
- **Opportunities and unknowns in adapting pediatric sleep practices to a pandemic world.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Sullivan, S., Anastasi, M., Beam, E., Berneking, M., Cheung, J., Epstein, L. J., Khosla, S., Meyer, B., Wolfe, L., Gurubhagavatula, I.
  2020
- **Daylight saving time: an American Academy of Sleep Medicine position statement.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*

Rishi, M. A., Ahmed, O., Barrantes Perez, J. H., Berneking, M., Dombrowsky, J., Flynn-Evans, E. E., Santiago, V., Sullivan, S. S., Upender, R., Yuen, K., Abbasi-Feinberg, F., Aurora, R. N., Carden, et al
2020

- **Sleep medicine exposure offered by United States residency training programs.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Sullivan, S. S., Cao, M. T.
  2020

- **Narcolepsy Symptoms are Highly Persistent over Time Despite Treatment**
  Ohayon, M. M., Sullivan, S. S., Krystal, A. D., Black, J., Swick, T. J., Shapiro, C. M., Wells, C. C.
  WILEY.2019: S122

- **Longitudinal Assessment of Psychotropic Treatments for Narcolepsy**
  Ohayon, M. M., Sullivan, S. S., Black, J., Krystal, A. D., Shapiro, C. M., Swick, T. J., Wells, C. C.
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- **Longitudinal Relationships between Chronic Pain, Major Depressive Disorder, and Use of Antidepressants**
  Ohayon, M. M., Sullivan, S. S.
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- **Longitudinal Survey of Hypersomnolence and Its Treatment in the General Population**
  Ohayon, M. M., Sullivan, S. S.
  WILEY.2019: S121–S122

- **Industrial Regulation of Fatigue: Lessons Learned From Aviation.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
  Flynn-Evans, E. E., Ahmed, O., Berneking, M., Collen, J. F., Kancherla, B. S., Peters, B. R., Rishi, M. A., Sullivan, S. S., Upender, R., Gurubhagavatula, I., American Academy of Sleep Medicine Public Safety Committee
  2019; 15 (4): 537–38

- **Sleep-Disordered Breathing, Orofacial Growth, and Prevention of Obstructive Sleep Apnea.** *Sleep medicine clinics*
  Guilleminault, C., Sullivan, S. S., Huang, Y.
  2019; 14 (1): 13–20

- **Sleep-Disordered Breathing, Orofacial Growth, and Prevention of Obstructive Sleep Apnea** *SLEEP MEDICINE CLINICS*
  Guilleminault, C., Sullivan, S. S., Huang, Y.
  2019; 14 (1): 13-+

- **Pediatric sleep medicine: a key sub-specialty for the pediatrician.** *Sleep medicine*
  Bruni, O., Sullivan, S., Guilleminault, C.
  2019

- **Withdrawal of Advanced Notice of Proposed Rulemaking (ANPRM) on Obstructive Sleep Apnea (OSA) Does Not Mean Examiners and Employers Should Ignore Safety Risks** *JOURNAL OF OCCUPATIONAL AND ENVIRONMENTAL MEDICINE*
  Sullivan, S. S., Gurubhagavatula, I.
  2018; 60 (8): E431

- **Re: Withdrawal of Advanced Notice of Proposed Rulemaking (ANPRM) on Obstructive Sleep Apnea (OSA) Does Not Mean Examiners and Employers Should Ignore Safety Risks.** *Journal of occupational and environmental medicine*
  Sullivan, S. S., Gurubhagavatula, I.
  2018

- **Can we avoid development of a narrow upper airway and secondary abnormal breathing during sleep?** *LANCET RESPIRATORY MEDICINE*
  Sullivan, S. S., Guilleminault, C.
  2017; 5 (11): 843–44

- **Survey of Sleep Education Offered by US Pulmonary and Critical Care Fellowship Training Programs**
  Sullivan, S., Cao, M.
  ELSEVIER SCIENCE BV.2017: 554A

- **Sleep and Health: Medical Students' Perspectives and Lessons Learned** *ACADEMIC PSYCHIATRY*
  Sullivan, S. S., Cao, M. T.
  2017; 41 (5): 679–81
- **Management of Obstructive Sleep Apnea in Commercial Motor Vehicle Operators: Recommendations of the AASM Sleep and Transportation Safety Awareness Task Force** *JOURNAL OF CLINICAL SLEEP MEDICINE*
  Gurubhagavatula, I., Sullivan, S., Meoli, A., Patil, S., Olson, R., Berneking, M., Watson, N. F.
  2017; 13 (5): 745–58
- **Sleep Apnea Evaluation of Commercial Motor Vehicle Operators** *JOURNAL OF CLINICAL SLEEP MEDICINE*
  Gurubhagavatula, I., Patil, S., Meoli, A., Olson, R., Sullivan, S., Berneking, M., Watson, N. F., Amer Acad Sleep Med
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- **Mouth breathing, "nasal disuse," and pediatric sleep-disordered breathing** *SLEEP AND BREATHING*
  Lee, S., Guilleminault, C., Chiu, H., Sullivan, S. S.
  2015; 19 (4): 1257-1264
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  Sullivan, S. S., Guilleminault, C.
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- **Current Treatment of Selected Pediatric Sleep Disorders** *NEUROTHERAPEUTICS*
  Sullivan, S. S.
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- **Update on emerging drugs for insomnia** *EXPERT OPINION ON EMERGING DRUGS*
  Sullivan, S.
  2012; 17 (3): 295-298
- **Hiding in plain sight Risk factors for REM sleep behavior disorder** *NEUROLOGY*
  Sullivan, S. S., Schenck, C. H., Guilleminault, C.
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  Sullivan, S. S.
  2010; 21 (3): 542-?
- **Exploring the Electrocardiogram as a Potential Tool to Screen for Premotor Parkinson's Disease** *MOVEMENT DISORDERS*
  Valappil, R. A., Black, J. E., Broderick, M. J., Carrillo, O., Frenette, E., Sullivan, S. S., Goldman, S. M., Tanner, C. M., Langston, J. W.
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- **Insomnia Pharmacology** *MEDICAL CLINICS OF NORTH AMERICA*
  Sullivan, S. S.
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- **Emerging drugs for insomnia: new frontiers for old and novel targets** *EXPERT OPINION ON EMERGING DRUGS*
  Sullivan, S. S., Guilleminault, C.
  2009; 14 (3): 411-422
- **Multiple Sleep Latency Test and Maintenance of Wakefulness Test** *CHEST*
  Sullivan, S. S., Kushida, C. A.
  2008; 134 (4): 854-861
- **Weighing the duty to inform a patient of possible future illness.** *The virtual mentor : VM*
  Sullivan, S.
  2008; 10 (9): 553–55
- **Nasal obstruction in children with sleep-disordered breathing** *ANNALS ACADEMY OF MEDICINE SINGAPORE*
  Sullivan, S., Li, K., Guilleminault, C.
  2008; 37 (8): 645-648