

Stanford



Oliver Sum-Ping, MD

Clinical Associate Professor, Psychiatry and Behavioral Sciences - Sleep Medicine

CLINICAL OFFICE (PRIMARY)

- **Sleep Disorders Clinic**

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Bio

CLINICAL FOCUS

- Sleep Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Psychiatry and Behavioral Sciences - Sleep Medicine

PROFESSIONAL EDUCATION

- Board Certification, American Board of Psychiatry and Neurology , Sleep Medicine (2017)
- Board Certification, American Board of Psychiatry and Neurology , Neurology (2015)
- Fellowship, Stanford University , Sleep Medicine (2016)
- Residency, UT Southwestern Medical Center , Neurology (2015)
- M.D., UT Southwestern Medical Center , Medicine (2011)

Research & Scholarship

CLINICAL TRIALS

- Extended-release Sodium Oxybate in Children, Recruiting

Publications

PUBLICATIONS

- **The Prodromal Synucleinopathy Rating Scale: An Assessment in Patients With REM Sleep Behavior Disorder.** *Neurology*
Boeve, B. F., Nie, Y., Lu, R., De La Cruz, H., Avidan, A. Y., Bliwise, D. L., Campbell, M. C., Criswell, S. R., Davis, A. A., Duff, K., Elliott, J., Ferman, T. J., Fields, et al
2026; 107 (1): e218176
- **Treatment with an Orexin Agonist Reduces Microsleeps and Improves Wakefulness During MWT in People with NT1: Phase 3 Results**
Gong, Y., Maski, K., Mignot, E., Sum-Ping, O., Olsen, M., Olsson, T., Tierney, P., Tracey, B., Volfson, D.

OXFORD UNIV PRESS INC.2026: A331

- **Effect of Oveporexton (TAK-861), an Oral Orexin Receptor 2 Agonist, on Narcolepsy Type 1 Symptom Severity: A Pooled Analysis of Two Phase 3 Studies**
Dauvilliers, Y., Arnulf, I., Barateau, L., Liguori, C., Pizza, F., Sum-Ping, O., Etherton, M., Stukalin, E., Von Rosenstiel, P., Olsson, T.
OXFORD UNIV PRESS INC.2026: A327
- **Expert-level probabilistic breathing event detector informs phenotyping of sleep apnea.** *Nature communications*
Kjaer, M. R., Hanif, U., Brink-Kjaer, A., Olsen, M., Sum-Ping, O., Carrillo, O., Sands, S. A., Redline, S., Stone, K. L., Jennum, P., Mignot, E.
2026
- **The North American Prodromal Synucleinopathy study: protocol for a multi-site, longitudinal, observational study of idiopathic/isolated rapid eye movement sleep behavior disorder.** *Sleep advances : a journal of the Sleep Research Society*
Lim, M. M., Neilson, L. E., Elliott, J. E., Hoang-Dang, B., Locke, J. R., Cunningham, H., Brewer, J., Dennis, L., Dovek, L., Pelletier, A., St Louis, E. K., McCarter, S. J., Miyagawa, et al
2026; 7 (1): zpag007
- **Can Low Cortisol Predict Long COVID? A Controversial Issue.** *Biomedicines*
Quach, T. C., Wilson, A., Sum-Ping, O., Lomba, S., Geng, L. N., Shafer, R., Miglis, M. G., Yang, P. C., Grossman, L., Ricciardiello, G., Bonilla, H.
2025; 13 (11)
- **A Multidimensional Assessment of Sleep Disorders in Long COVID Using the Alliance Sleep Questionnaire.** *Healthcare (Basel, Switzerland)*
Wilson, A., Ricciardiello Mejia, G. C., Lomba, S., Geng, L. N., Malunjar, S., Bonilla, H., Sum-Ping, O.
2025; 13 (20)
- **CAISR: Achieving Human-Level Performance in Automated Sleep Analysis Across All Clinical Sleep Metrics.** *Sleep*
Nasiri, S., Ganglberger, W., Nassi, T., Meulenbrugge, E. J., Moura Junior, V., Ghanta, M., Gupta, A., Stone, K. L., Kjaer, M. R., Sum-Ping, O., Mignot, E., Hwang, D., Trotti, et al
2025
- **Automated Detection of Isolated REM Sleep Behavior Disorder Using Computer Vision.** *Annals of neurology*
Abdelfattah, M., Zhou, L., Sum-Ping, O., Hekmat, A., Galati, J., Gupta, N., Adaimi, G., Marwaha, S., Parekh, A., Mignot, E., Alahi, A., During, E.
2025
- **Can Low Cortisol Predict Long COVID? A Controversial Issue** *Biomedicines*
Quach, T. C., Wilson, A., Sum-Ping, O., Lomba, S., Geng, L. N., Shafer, R., Miglis, M. G., Yang, P. C., Grossman, L., Ricciardiello, G., Bonilla, H.
2025; 13 (11): 2636
- **Probabilistic Sleep Staging in MSLTs across Hypersomnia Disorders.** *Sleep*
Hjuler Andersen, L., Brink-Kjaer, A., Sum-Ping, O., Pizza, F., Biscarini, F., Haubjerg Østerby, N. C., Mignot, E., Plazzi, G., Jennum, P. J.
2024
- **VALIDATION OF THE SITUATIONAL SLEEPINESS SCALE**
Lomba, S., Sum-Ping, O., Mignot, E.
OXFORD UNIV PRESS INC.2024
- **AUTOMATED DETECTION OF ISOLATED REM SLEEP BEHAVIOUR DISORDER USING COMPUTER VISION**
Abdelfattah, M., Sum-Ping, O., Galati, J., Marwaha, S., Alahi, A., During, E.
OXFORD UNIV PRESS INC.2024
- **IN AND BETWEEN NAP MSLT FEATURES IN HYPERSOMNIA**
Andersen, L., Brink-Kjaer, A., Sum-Ping, O., Mignot, E.
OXFORD UNIV PRESS INC.2024
- **What Is Narcolepsy?** *JAMA*
Sum-Ping, O., Mignot, E.
2023
- **Sodium Oxybate in Treatment-Resistant REM Sleep Behavior Disorder.** *Sleep*
During, E. H., Hernandez, B., Miglis, M. G., Sum-Ping, O., Hekmat, A., Cahuas, A., Ekelmans, A., Yoshino, F., Mignot, E., Kushida, C. A.
2023

- **Myalgic Encephalomyelitis/Chronic Fatigue Syndrome is common in post-acute sequelae of SARS-CoV-2 infection (PASC): Results from a post-COVID-19 multidisciplinary clinic.** *Frontiers in neurology*
Bonilla, H., Quach, T. C., Tiwari, A., Bonilla, A. E., Miglis, M., Yang, P. C., Eggert, L. E., Sharifi, H., Horomanski, A., Subramanian, A., Smirnoff, L., Simpson, N., Halawi, et al
2023; 14: 1090747
- **Ambulatory Detection of Isolated Rapid-Eye-Movement Sleep Behavior Disorder Combining Actigraphy and Questionnaire.** *Movement disorders : official journal of the Movement Disorder Society*
Brink-Kjaer, A., Gupta, N., Marin, E., Zitser, J., Sum-Ping, O., Hekmat, A., Bueno, F., Cahuas, A., Langston, J., Jennum, P., Sorensen, H. B., Mignot, E., During, et al
2022
- **Circadian rhythms of risk factors and management in atherosclerotic and hypertensive vascular disease: Modern chronobiological perspectives of an ancient disease.** *Chronobiology international*
Geng, Y. J., Smolensky, M. H., Sum-Ping, O., Hermida, R., Castriotta, R. J.
2022: 1-30
- **Impact of Sleep on Cardiovascular Health: A Narrative Review** *Heart and Mind*
Sum-Ping, O., Geng, Y.
2022; 6 (3): 120-126
- **Phases of the Diagnostic Journey: A Framework** *International Archives of Internal Medicine*
Geng, L., Sum-Ping, O., Geng, Y.
2019
- **Pathogenesis of Hypersomnia** *Reference Module in Neuroscience and Biobehavioral Psychology*
Sum-Ping, O., Darby, C., Guilleminault, C.
2017
- **Kleine-Levin Syndrome** *CURRENT TREATMENT OPTIONS IN NEUROLOGY*
Sum-Ping, O., Guilleminault, C.
2016; 18 (6)