



State Sleep Conference

Presented by

Yale School of Medicine's Department of Internal Medicine, Section of Pulmonary, Critical Care, & Sleep Medicine

Sleep Neurophysiology as a Window on the Genetic Risk for Psychiatric Disease



Shaun Purcell, PhD

Purcell Laboratory of Sleep and Neuropsychiatric Genetics

Department of Psychiatry, Brigham & Women's Hospital / Harvard Medical School

Wednesday, September 12, 2018, 2-3 pm

The Anlyan Center, TAC S-447

Moderator: Lauren Tobias, MD

There is no corporate support for this activity

This course will fulfill the licensure requirement set forth by the State of Connecticut

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

TARGET AUDIENCE

Attending physicians, house staff/fellows, medical students, nurses, physician assistants.

NEEDS ASSESSMENT

This talk aims to describe ongoing work linking large-scale datasets from human genetics and sleep physiology, in order to better understand the role that sleep plays in maintaining good health. For psychiatric disease, there is a pressing need to identify biomarkers that can point to targets for therapeutic intervention. In this talk, I will give an outline of the approaches and challenges, as well as highlighting platforms such as the National Sleep Research Resource. These general approaches and resources can be utilized by researchers interested in a range of common diseases and traits.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will learn to:

1. To give an appreciation of
 - a) the genetic basis of psychiatric diseases and sleep traits

- b) human and animal studies that use genetics to establish disease biomarkers and causal links between sleep and disease

- c) quantitative approaches and methodological challenges for large-scale analyses of sleep data

2. To introduce the National Sleep Research Resource as a platform for advancing sleep science

DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for 1 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES

Lauren Tobias, MD, Course Director – No conflicts of interest
Shaun Purcell, PhD – No conflicts of interest

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