ALS, Alzheimer's and Parkinson's: *Who is at Risk?*

Dr. Richard Reimer
Thursday, April 8 at 7:30 p.m.

Tickets for the livestream presentation are $10 each – with proceeds benefitting the Livermore Lab Foundation's cutting edge ALS research initiatives. To sign up, contact the Bankhead Theater at (925) 373-6800 or boxoffice@lvpac.org, or go to https://livermorearts.org

TALK ABSTRACT

Dr. Reimer will give a broad overview of common neurodegenerative diseases including Alzheimer's disease, Parkinson's disease and amyotrophic lateral sclerosis (ALS), also called Lou Gehrig's disease. Using ALS as an example, he will then present the evidence for the roles of aging, genetics, and the environment in the disease onset and progression. In conclusion, he will discuss research to develop ALS treatments based on the targeting of established risk factors and the discovery of unanticipated factors made possible by machine learning.

BIO

Dr. Reimer is an Associate Professor in the Department of Neurology and Neurological Sciences at Stanford University School of Medicine and a staff Neurologist for the Palo Alto Veterans Affairs Health Care System. After obtaining his undergraduate degree at Yale University and receiving his MD from Emory University, he completed his Neurology training at UCSF. In 2001 he joined the faculty at Stanford University where he has remained since. His primary research interest is in defining the mechanisms underlying neurological diseases with a goal of identifying novel sites for therapeutic interventions. His research efforts range from the study of mouse models to better understand rare lysosomal storage disorders to identifying risk factors and disease modifiers using machine learning to analyze the electronic health records of ALS patients.

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