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FOR IMMEDIATE RELEASE

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A Rae Dorough Speaker Series online presentation:

DR. RICHARD REIMER TO DISCUSS WHO IS AT RISK FOR ALZHEIMER'S, PARKINSON'S AND ALS AND THE DEVELOPMENT OF NEW THERAPIES IN A RAE DOROUGH SERIES PRESENTATION

Neurologist Dr. Richard Reimer will discuss Alzheimer's, Parkinson's and amyotrophic lateral sclerosis (ALS) their risk factors and the development of new treatments at 7:30 p.m. Thursday, April 8 in a virtual presentation.

"ALS, Alzheimer's and Parkinson's: Who is at Risk?" is presented as part of the Rae Dorough Speaker Series (RDSS) in collaboration with the Livermore Lab Foundation (LLF). RDSS is requesting a \$10 donation for tickets to access the livestream presentation. Proceeds will benefit the Livermore Lab Foundation's ALS research initiatives. See, <https://livermorelabfoundation.org/als/>

To sign up, contact the Bankhead Theater box office, 2400 First Street, Livermore by calling (925)-373-6800, emailing boxoffice@lvpac.org or go to <https://livermoreperformingarts.secure.force.com/ticket/#/instances/a0F1Q00000gfi6oUAA>

"This is such a relevant topic for our community," noted Dona Crawford, Board Chair for the Livermore Lab Foundation. "ALS, Alzheimer's and Parkinson's are devastating diseases for which there is as yet no cure and limited treatment options. As a researcher working to develop new treatments, Dr. Reimer's vision and expertise aligns with our goals and the Livermore Lab's efforts to create a 'roadmap for a cure for ALS.' We are delighted to partner with RDSS to offer this important discussion."

Dr. Reimer will provide an overview of common neurodegenerative diseases including Alzheimer's, Parkinson's and amyotrophic lateral sclerosis (ALS), also called Lou Gehrig's disease. Using ALS as an example, he will present the evidence for the role aging, genetics, and the environment play in disease onset and progression. Dr. Reimer will conclude with a discussion of efforts to develop treatments for ALS, notably the targeting of established risk factors and the use of unanticipated factors discovered through machine learning – an area of focus for Lawrence Livermore National Lab.

As part of the introduction to Dr. Reimer's presentation, former Livermore Mayor Cathie Brown will provide a brief testimonial of her late husband's battle with ALS. Tom Brown died Aug. 11, 2020.

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.

His primary research interest is in defining the mechanisms underlying neurological diseases with a goal of identifying novel sites for therapeutic interventions. The research Dr. Reimer conducts ranges from the study of mouse models for rare lysosomal storage disorders to the machine learning based analysis of electronic health records of ALS patients to identify risk factors and disease modifiers.

The Livermore Lab Foundation is a 501(c)(3) non-profit dedicated to advancing scientific knowledge and fostering the development of transformative technologies that enhance human health, safety and quality of life. Founded in 2016, LLF carries out its mission by seeking philanthropic contribution to support scientific education, training, research and innovation at LLNL. <https://livermorelabfoundation.org/about-llf/>

Partnering with the Livermore Valley Performing Arts Center, RDSS is co-sponsoring the National Geographic Live virtual speaker Series. The next presentation will be “Feats of Filmmaking” at 7 p.m. Wednesday, March 17. For tickets, see <https://livermoreperformingarts.secure.force.com/ticket/#/instances/a0F1Q00000frGMjUAM> Additional National Geographic presentations will be held March 31, “Mysterious Seas,” and April 14, “Women and Migration.”

Now in its 12th season, RDSS honors the late Rae Dorough, a respected Livermore resident and strong supporter of cultural events. Members of her family and friends were the initiating sponsors in 2008. The series features provocative, entertaining and enlightening presentations on a wide variety of topics. Past speakers have included engineers, scientists, fiction and non-fiction writers and historians, entrepreneurs, comedians and entertainers, diplomats, astronauts, journalists, and even a former secretary of defense.

The Rae Dorough Speaker Series partners with the Livermore Valley Joint Unified School District and Las Positas College to make presentations easily accessible to students and teachers.

The series is sponsored in part by Lawrence Livermore National Security, LLC, Sandia National Laboratories, Tri-Valley Conservancy, the Alameda County Arts Commission, Towne Center Books and ImageSetters. Additionally, individual and corporate supporters help sponsor specific presentations.

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