

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Martin Sarter, Ph.D., Charles M. Butter Collegiate Professor of Psychology and professor of psychology in the College of Literature, Science, and the Arts, retired from active faculty status on May 31, 2024.

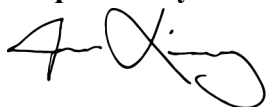
Professor Sarter received his B.S. (1979) degree from the University of Landau, M.S. (1982) degree from the University of Dusseldorf, and Ph.D. (1984) degree from the University of Konstanz. Professor Sarter joined the University of Michigan faculty as a professor in 2004 and was named the Charles M. Butter Collegiate Professor of Psychology in the same year. He had an appointment as an adjunct research professor of neurology from 2018 to 2024.

Professor Sarter is widely recognized as one of the leading behavioral/cognitive neuroscientists in the world for his research on the brain mechanisms involved in attentional control over behavior and psychological function. His work has been seminal in elucidating how brain acetylcholine systems contribute to attentional processes, including complex movement control in Parkinson's Disease (the latter work led to a patent for potential treatments). Professor Sarter was the first to describe how fast acetylcholine release events in the prefrontal cortex are critical for the detection of environmental cues when a shift in attention is required for optimal performance. Although much of his research involved preclinical studies in rodents, he uniquely applied what was learned there to translational studies in humans. He established similar processing in humans and rodents, including how genetic variation in acetylcholine neurons in humans and rodents similarly impacts attentional control. Most recently Professor Sarter has shown how individual variation in acetylcholine function influences attentional control toward drug cues in ways that may contribute to the development of addiction.

Professor Sarter's numerous honors include the Distinguished Scientific Award for an Early Career Contribution to Psychology from the American Psychological Association, election as a fellow of the AAAS, the International Behavioral Neuroscience Society, the American Psychological Association, the Association for Psychological Science, and the American College of Neuropsychopharmacology. He has served on numerous editorial boards and as editor-in-chief of the *European Journal of Neuroscience* for six years.

The Regents now salute this distinguished faculty member by naming **Martin Sarter, Charles M. Butter Collegiate Professor Emeritus of Psychology and professor emeritus of psychology**.

Requested by:



Jon Kinsey
Vice President and Secretary of the University

May 2024