



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, November 21
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Andy Fuglevand, PhD

*Professor,
Department of Physiology,
University of Arizona*

"Neural Basis of Facial Expressions"

Dr. Fuglevand has a long-standing interest in understanding how the nervous system orchestrates the activities of multiple muscles in the elaboration of movement. He uses various neurophysiological approaches (recording, stimulation, inactivation) in his work and also uses computer simulation. A natural outgrowth of his research has been toward more applied investigations into methods to restore movement and sensation in paralyzed individuals.

Dr. Fuglevand completed his undergraduate degree at Montana State University, his master's degree at the University of Washington, and doctoral studies at the University of Waterloo (Canada). He carried out post-doctoral training at the University of Arizona and at the John B. Pierce Laboratory (Yale University). Dr. Fuglevand joined the faculty of the Department of Physiology in Tucson in 1997.

He is the recipient of the international Delsys Prize for Innovation in Electromyography. He has served as a permanent member of a National Institutes of Health study section, and as associate or reviewing editor for the Journal of Neurophysiology, Neuroscience Letters, Comprehensive Physiology, eLife, and PLOS Computational Biology. He is the author of the textbook Introduction to the Neurophysiology of Movement.