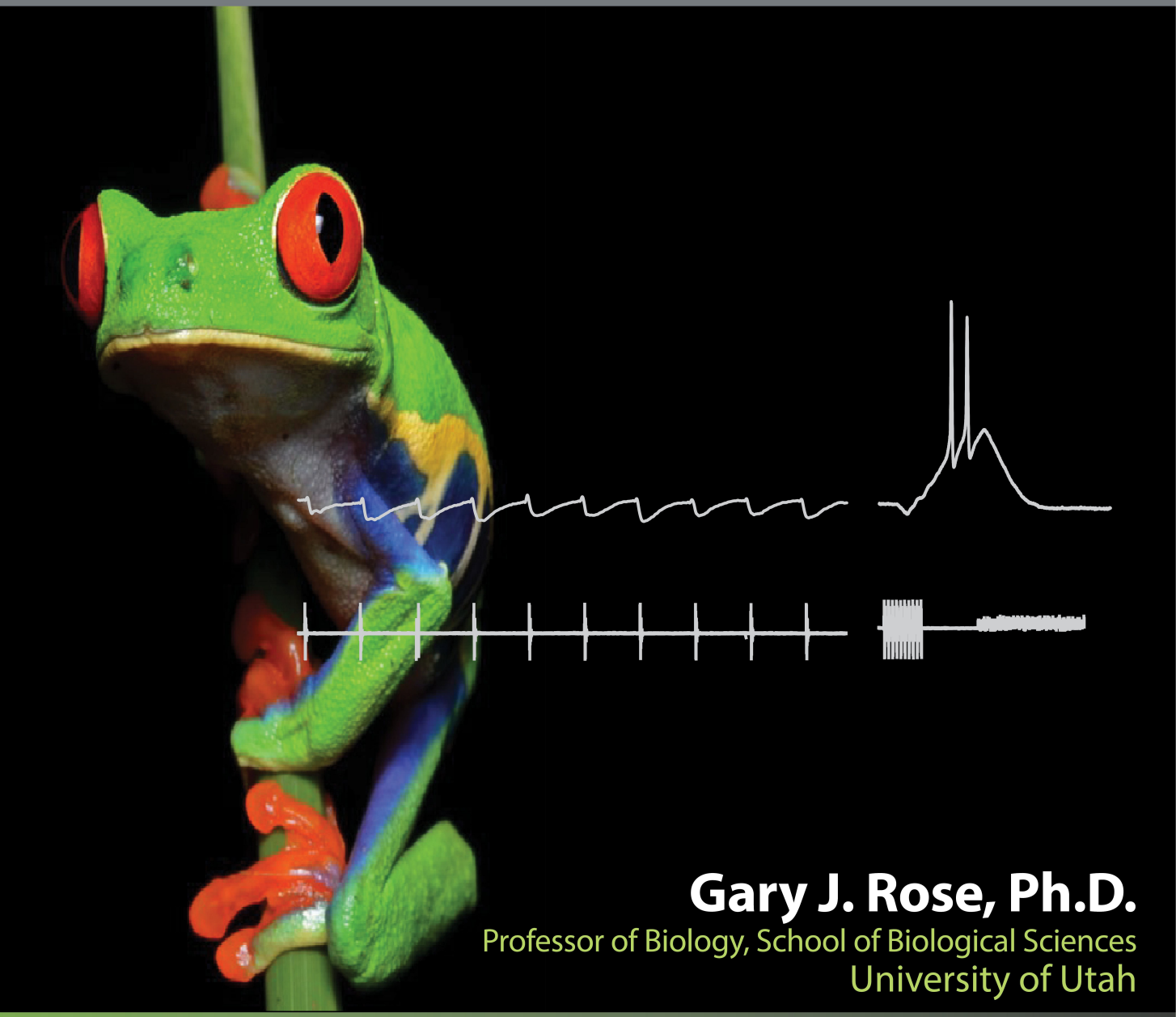
# 2025 Heiligenberg Lecture

UC San Diego
SCHOOL OF BIOLOGICAL SCIENCES




**Gary J. Rose, Ph.D.**
Professor of Biology, School of Biological Sciences
University of Utah


## HOW FROGS AND NEURONS COUNT:

### Insights from neuroethological studies of anuran acoustic communication

Dr. Rose is renowned for his work investigating how neural circuits in anuran amphibians and electric fish control natural behaviors. He uses methods that describe the activity of single neurons, networks, and the subsequent control of natural behavior, both in the laboratory and in the field. His neuroethological studies of acoustic communication in frogs have uncovered fundamental principles for temporal information processing and have revealed network computations important for processing communication signals.

Dr. Rose graduated from the University of California, San Diego and received his PhD from Cornell University. He was a postdoctoral fellow at NIH and a research associate at Scripps Institution of Oceanography in the lab of Dr. Walter Heiligenberg. He is an engaging and dynamic speaker.

*Please join us for this special event. No registration necessary*

**FRIDAY, APRIL 11, 2025 . 12:00-1:00 PM . KAVLI AUDITORIUM**