



THE UNIVERSITY OF ARIZONA
COLLEGE OF HEALTH SCIENCES

Genetic Counseling Graduate Program

PRESENTS

Genetics and Genomics Grand Rounds

January 22nd | 4 – 5:00 pm | HSIB 880/Zoom

<https://arizona.zoom.us/j/83648686758>

Telephone: 602-753-0140 | Meeting ID: 836 4868 6758

Speaker Host: Valerie Schaibley, PhD | vschaibley@arizona.edu

Contact: Jorge Camarillo | jorgecamarillo@arizona.edu

The Genetic Basis of Hypertrophic and Dilated Cardiomyopathies: Bedside to Novel Therapeutics

Dr. Tardiff attended the University of California at Berkeley where she was a Regent's Scholar and graduated with honors from the Department of Genetics. She completed her M.D. and Ph.D. at the Albert Einstein College of Medicine in New York City followed by an Internal Medicine Residency and Cardiovascular Fellowship as a Markey Fellow at Columbia Presbyterian Medical Center. Dr. Tardiff is currently a Professor of Biomedical Engineering, Medicine and Cellular and Molecular Medicine at the University of Arizona. She has been a practicing cardiologist for over 25 years, holds the Steven M. Gootter Endowed Chair for the Prevention of Sudden Cardiac Death and is the Director of the Banner University Hospital – Tucson Hypertrophic Cardiomyopathy Clinic. Dr. Tardiff's primary expertise is in the molecular pathogenesis of hypertrophic and dilated cardiomyopathies, and she has developed an integrative platform encompassing computational approaches coupled to high resolution spectroscopy, single myocyte physiology and transgenic murine models of genetic cardiomyopathies to delineate novel targetable pathways to help manage this complex disorder. She has held multiple national leadership positions at the American Heart Association and the International Society for Heart Research. Dr. Tardiff is currently an Associate Editor of Circulation Research and has served on numerous NIH study sections including chartered memberships on both Cardiac Contractility and Heart Failure and Myocardial Ischemia and Metabolism (NHLBI).



Jil Tardiff, MD, PhD

Professor of Biomedical Engineering, Medicine and of Cellular and Molecular Medicine
Gootter Endowed Chair for the Prevention of Sudden Cardiac Death
Director, Hypertrophic Cardiomyopathy Clinic