

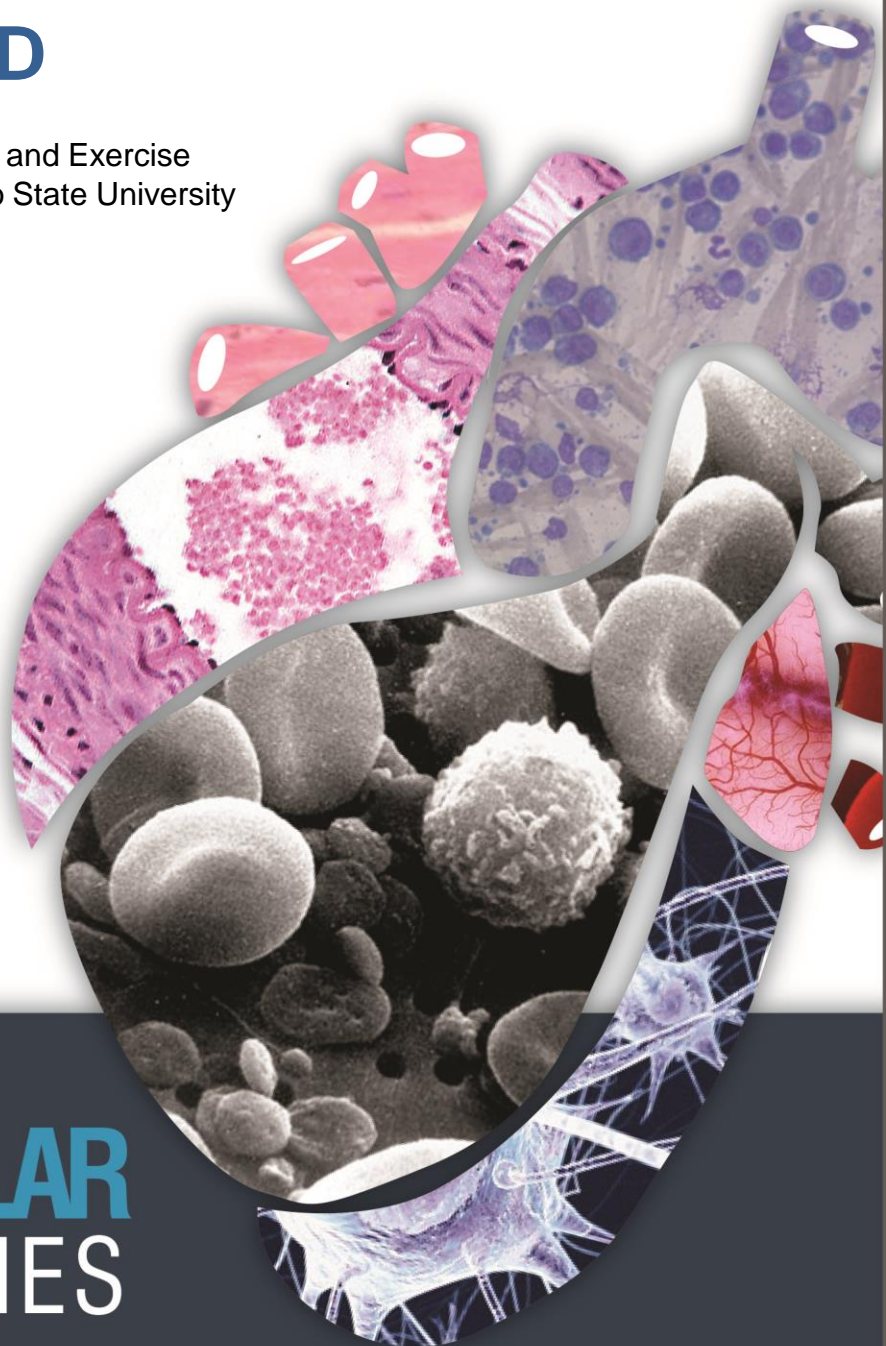
# Elucidating the roles of polyunsaturated fatty acids in cardiac function

Wednesday, 2/4/15 – 1:00-2:00pm – Room W205, Anatomy/Zoology Building

## Adam Chicco, PhD

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Associate Professor, Departments of Health and Exercise  
Science and Biomedical Sciences, Colorado State University

Dr. Chicco's primary research focus is understanding the mechanisms and (patho)physiological consequences of altered polyunsaturated fatty acid (PUFA) metabolism and membrane phospholipid composition associated with cardiometabolic diseases. His laboratory strives to conduct highly integrative and translational studies in rodent models based on clinically relevant observations *in vivo*, incorporating an array of physiological methods at the cell/molecular, organ and systemic levels. This seminar will highlight these areas of expertise in the context of a new project evaluating the role of PUFAs in cardiac function and stress tolerance utilizing novel gain and loss of function approaches in mice with variable expression of *Fads2* encoding delta-6 desaturase, a central regulator of PUFA metabolism.



## CARDIOVASCULAR SEMINAR SERIES

Full Schedule at

<http://csu-cvmb.colostate.edu/academics/bms/Pages/cardiovascular-research-center.aspx>