



Dr. Marie Johnson, PhD is the Founder and CEO of AUM Cardiovascular, Inc., a medical device start-up company dedicated to the eradication of needless death due to coronary artery disease. AUM Cardiovascular is an early stage company that recently raised \$2.5M in capital to complete development and FDA clinical trials. The device will be available, pending FDA approval, October 2013.

Dr. Johnson has 25 years of experience in product development and manufacturing in both university and Fortune 500 companies. She recently created and led the highly acclaimed Medical Devices Center Innovation Fellows program at the University of Minnesota, modeled after the Stanford biodesign program where she did post-doctoral training. Over the course of 2 years, four-person teams comprised of medical doctors and post-doctoral level engineers disclosed more than 30 medical device provisional patents resulting in two licensing deals and two start-up companies.

Dr. Johnson personally has patents and patents pending in the United States, Europe and Taiwan in diagnosis of coronary artery disease, acetabular joint fixation, signal processing methods for automation of cardiac auscultation, isostatic pressure indication, stroke detection, fetal monitoring, uterine fibroids, stuttering and noninvasive detection of atrial fibrillation