Dr. Arnautovic is a board-certified interventional cardiologist specializing in cardiovascular care. She is the Program Director for the Henry Ford Warren Cardiovascular Fellowship and Director of the Women's Heart Center at Henry Ford Rochester. Dr. Arnautovic is also a Clinical Assistant Professor at Michigan State University College of Osteopathic Medicine. Her expertise includes coronary and peripheral vascular care, cardiac critical care, and medical education.

She is dedicated to patient-centered care, focusing on prevention, empowerment, and healthy living. Dr. Arnautovic also mentors through the Society for Cardiovascular Angiography and Intervention-Women in Innovation program and actively participates in community service.