Key questions defining research program:
• How can we improve the outcome of heart failure patients who are candidates for cardiac resynchronization therapy (CRT)?
• Do patients with arrhythmic cardiac arrest in the context of a reversible cause benefit from defibrillator therapy for long-term survival?
• What patients and provider factors can be modified to bring more gender and racial equity to defibrillator therapy?
• How can cardiac imaging be used to better stratify patients for their risk of sudden cardiac death?

Key words describing research program:
• Sudden Cardiac death
• Defibrillator therapy
• Cardiac resynchronization therapy
• Disparities
• Arrhythmias

Titles for shovel-ready research projects:
• Is cardiac resynchronization therapy (CRT) using a defibrillator (CRT-D) rather than a pacemaker (CRT-P) superior for the endpoint of all-cause mortality in older heart failure patients?
• Are patients with sudden arrhythmic cardiac death in the context of a reversible and correctable cause at risk of recurrent life-threatening arrhythmias?
• What is the impact of a best practice alert through the electronic medical records on the rates of ICD implantation in patients with severe cardiomyopathy (LVEF<36%)?

Data sources for shovel-ready research projects:
• EpiCare
• PowerChart
• EP laboratory databases