Key questions defining research program:

- How imaging can provide incremental prognostic value to patients with valvular disease?
- Prognostic Importance of Persistent Pulmonary HTN and Concomitant Valvular Disease in patients who received Transcatheter Aortic Valve Replacement (TAVR)
- Can a comprehensive evaluation of the right-side unit (RV/PA/Afterload) in patients undergoing Transcatheter Aortic Valve Replacement (TAVR) and MitraClip improve risk stratification and outcomes?

Key words describing research program:

- Multimodality Imaging for Structural and Valvular Interventions
- Structural Cardiac Imaging
- Transcatheter Aortic Valve Replacement (TAVR)

Titles for shovel-ready research projects:

- Comparison of right function evaluation using 2D echocardiography vs. three-dimensional multidetector computed tomography
- Imaging predictors of recurrent mitral and tricuspid regurgitation in patients undergoing TAVR
- Correlation of myocardial fibrosis on Cardiac MRI and Myocardial Deformation by Strain Imaging

Data sources for shovel-ready research projects:

- TAVR Database (clinical, imaging, outcomes)
- CT and CMR Database (clinical, imaging, outcomes)