



## CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

Award ID:  
RP170719

Project Title:  
GCC Center for Advanced Microscopy and Image Informatics

Award Mechanism:  
Core Facility Support Awards

Principal Investigator:  
Mancini, Michael

Entity:  
Texas A&M University System Health Science Center

### Lay Summary:

Researchers from Gulf Coast Consortium(1) institutions have established a new, highly collaborative research core facility, the Center for Advanced Microscopy and Image Informatics (CAMII), to provide the GCC's cancer researchers with access to sophisticated imaging and computational resources that will enable them to address critical questions in both basic and translational cancer research. The program includes projects addressing fundamental questions in cancer biology as well as projects whose goal is the development of new therapies for the prevention and treatment of cancer. CAMII's advanced imaging technologies will be used by established investigators and junior investigators to conduct studies that are targeted to the development of new therapies for many different types of cancer.

CAMII has three specific goals: Goal 1: to provide critical support to outstanding basic and translational cancer research projects; Goal 2: to contribute to the development of new imaging and informatics technologies for cancer research; Goal 3: to provide training on the application of advanced imaging technologies to critical problems in cancer research.

By promoting highly collaborative and productive partnerships between experts in advanced imaging research and outstanding cancer researchers, CAMII will support CPRIT's goal of promoting innovation in cancer research and accelerating the development of breakthroughs in the search for new ways to prevent and/or to treat cancer.

---

(1.) Gulf Coast Consortium (GCC) institutions include Baylor College of Medicine, UT MD Anderson Cancer Center, Texas A&M Institute of Biosciences and Technology, University of Houston, UT Medical Branch, UT Health Science Center-Houston and Rice University. UT-Austin is an affiliate member of the GCC for Chemical Genomics.