UAB COMPREHENSIVE ARTHRITIS, MUSCULOSKELETAL, BONE, AND AUTOIMMUNITY CENTER

MISSION/GOALS

1. To generate new understanding of the mechanisms of arthritis, musculoskeletal, bone, and autoimmune diseases and apply this knowledge to improve the diagnosis, treatment, and prevention of these conditions.
2. To promote and integrate fundamental, translational, and clinical research with clinical care of patients with arthritis, musculoskeletal, bone, and autoimmune diseases.
3. To educate the public about arthritis, musculoskeletal, bone, and autoimmune diseases and how they can partner with us to achieve our goals of better ways to diagnose, treat, and prevent these conditions.
4. To train future investigators and health care professionals in arthritis, musculoskeletal, bone, and autoimmune diseases.

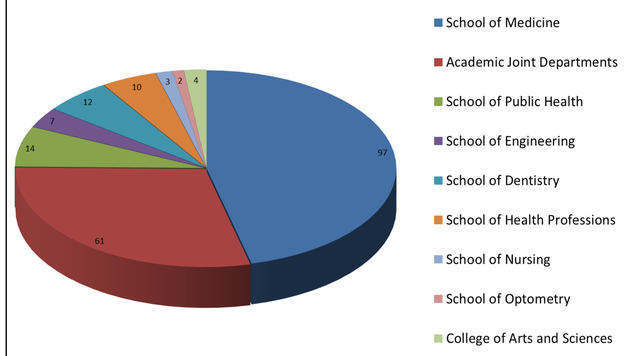
LEADERSHIP STRUCTURE AND FACULTY DISTRIBUTION

Organizational Structure/Leadership

Executive Committee
S. Louis Bridges, Jr., MD, PhD - Director
Kenneth G. Saag, MD – Associate Director
Harry W. Schroeder, Jr., MD, PhD – Associate Director
Rosa Serra, PhD – Associate Director
Stephanie Stafford Miller, MS– Administrative Director

Steering Committee
Shawn R. 'Skip' Gilbert, MD – Orthopaedic Surgery
Frances E. Lund, PhD - Microbiology
Amie Brown McLain, MD – Physical Medicine and Rehabilitation
Timothy M. Wick, PhD – Senior Associate Dean, School of Engineering

Distribution of Faculty Members (n=210)



CORES AND CENTERS

Comprehensive Flow Cytometry Core (John Mountz and Olaf Kutsch, Co-Directors)

High Resolution Imaging Facility (Kent Keyser, Director)

Transgenic & Genetically Engineered Models Core (Robert Kesterson, Director)

NIAMS P50 AR060772, INvestigations In Gout, Hyperuricemia, and comorbidiTies (INSIGHT) Center of Research Translation (CORT)
Kenneth Saag, MD, MSc, PI (2012 – 2022)

Project 1: AMPK and Inflammation in Gout - Terkeltaub, Robert

Project 2: Novel Risk Factors and Precision Medicine for Gout Flares – Choi, Hyon

Project 3: Translational Genomics of Hyperuricemia (Harvard) – Mount, David B.

Project 4: Protecting Renal Function with Urate-Lowering Drugs (PROUD) – Singh, Jasvinder

HISTORICAL OVERVIEW OF CAMBAC

1977 - NIH Multipurpose Arthritis Center
J. Claude Bennett, MD, Director
formed through grant from NIH
1982 - William J. Koopman, MD, Director
1996 - NIH Multipurpose Arthritis and Musculoskeletal Diseases Center
Robert P. Kimberly, MD, Director
1997 - UWIRC program established at UAB Arthritis and Musculoskeletal Center
2001 - present NIH Rheumatic Diseases Cores Center and NIH Multidisciplinary Clinical Research Center
2008 - Comprehensive Arthritis, Musculoskeletal, and Autoimmunity Center
2013 - S. Louis Bridges, Jr., MD, PhD, Director
2014 - Comprehensive Arthritis, Musculoskeletal, Bone, and Autoimmunity Center

WORK GROUPS

Thematic Work Groups

- Bone, Cartilage, Muscle and Connective Tissue Pathobiology
- Epidemiology, Outcomes and Prevention
- Experimental Therapeutics and Biomarkers
- Immunology, Autoimmunity and Inflammation
- Genetics, Genomics, and Bioinformatics
- Neurobehavioral Medicine and Pain Research

ENRICHMENT

Annual CAMBAC Research Day
CAMBAC Seminar Series
Journal Clubs
Thematic Symposia

TRAINING PROGRAMS

NIAID T32 AI007051, "Immunologic Diseases and Basic Immunology" (1976 – 2018); Harry W. Schroeder, Jr., MD, PhD – Program Director

AHRQ T32 HS013852, the UAB Health Services Research (HSR); Kenneth G. Saag, Director
**This Training Program is not restricted to the content areas of CAMBAC, but on the full spectrum of HSR across specialties.*

NIAMS T32 AR069516, "Training Program in Rheumatic and Musculoskeletal Diseases Research" Research (2016 – 2021); S. Louis Bridges, Jr., MD, PhD, Director; Kenneth G. Saag, MD, MSc, Associate Director; Yi-Ping Li, PhD, Associate Director

COLLABORATION OPPORTUNITIES

UAB
RHEUMATOLOGY·ARTHRITIS·DATABASE AND·REPOSITORY·(RADAR)

Clinical data and samples from patients with rheumatic diseases are available for approved projects. Contact Stephanie Stafford Miller at sledbetter@uabmc.edu, 934-7423