

FACILITIES & OTHER RESOURCES

I. Stanford Assessments of Muscle and Bone across the Ages (SAMBA) Laboratory

The SAMBA Laboratory is housed within shared research space at 1070 Arastradero Road, Suite 100 in Palo Alto, CA. Dr. Leonard is a Professor of Pediatrics and Medicine, and the Faculty Director of the SAMBA Laboratory. The shared research space in Palo Alto currently supports multiple NIH and Industry sponsored studies of bone health, body composition, cardiovascular disease, chronic kidney disease and physical function. The 5900 sq. ft. Research Facility includes a reception area, 7 exam/procedure rooms, 4 interview rooms, medication storage room, 3 anthropometry stations (balance-beam scales, bariatric scale and two Harpenden stadiometers), standard medical clinic equipment, separate phlebotomy and blood handling rooms, and the major equipment described in the Equipment document. The facility provides ample free parking.

Kyla Kent, BA, Certified Bone Density Technologist (CBDT), is the Technical Director of the SAMBA (Stanford assessments of Muscle and Bone across the Ages) Laboratory. She has been engaged in osteoporosis clinical research since 1991, from the coordination of data collection for the first multi-ethnic, pediatric normative database, to studies of the impact of exercise, weight loss, sleep disorders and aging. She currently oversees all DXA and HR-pQCT data acquisition for multiple studies at Stanford. She also plays an important leadership role in the International Society of Clinical Densitometry (ISCD). She has been a member since its inception and has served on the Board, the Education Council, the Facility Accreditation Committee, the Ask the Expert program, editor of SCAN and as Chair the Membership Committee and the Marketing Committee. In 2013, she was named the ISCD Technologist of the Year for “distinguished service to the field of densitometry in the areas of publication, education and leadership”. As evidence of her commitment to enhance the quality of clinical and research scanning, she was the Program Director for the State of California Radiologic Health Branch Limited Permit X-Ray Technician School for 5 years and clinical instructor for 12 years (this permit is required of all California non-X-ray Tech DXA technicians). Ms. Kent will provide technical oversight for the DXA, HR-pQCT, Biodex and grip strength procedures described in this protocol.