The Clinical and Translational Research Center at LABioMed/ Harbor-UCLA provides expert nursing and nutrition research support and state of the art clinical facilities to serve our research participants, investigators and the community. We function as part of a seamless, cross-organizational institute (UCLA-CTSI) comprised of four CTRCs located at Cedars-Sinai, UCLA, Charles Drew University and LA Biomed/Harbor-UCLA.

CTRC – LA BioMed/ Harbor-UCLA facilities and staff

- 5 exam rooms
- 4 bed/exam rooms for extended/overnight stay
- 2 exam rooms/interview rooms
- Sleep lab with monitoring equipment
- 2 multipurpose rooms with:
  - 1 bed
  - Infusion chair
  - Phlebotomy area
  - Retinal eye camera
  - pQCT (bone architecture and density scanner)
- Sample processing lab
- Body composition core
- DEXA (Hologic) scanner
- Research Kitchen
- Nutrition classroom
- Small conference room
- Skilled RNs and Nutritionists

Research Success from Bench to Bedside to Community

Research at LA Biomed/Harbor-UCLA:

- Developed a low-cost treatment that has prevented blindness in hundreds of thousands of children in developing nations.
- Established a testing and outreach program that has virtually eliminated new cases of the deadly Tay-Sachs disease in high-risk populations.
- Developed artificial surfactants that saved the lives of millions of premature babies.
- Developed a genetically engineered enzyme for treatment of Mucoploysaccharidosis.

What services do we offer inside and outside of the CTRC?

- Expert cost effective clinical research services with cost-sharing available for clinical and translational investigators - our experienced nurses have expert knowledge in protocol implementation.
- Nutrition support for extended stay, outpatient and community-based studies - design of research diets, preparation of nutrient controlled meals, metabolic and nutritional status assessments, including DXA, indirect calorimetry, BIA, and anthropometry, diet analysis and nutrition education.
- Facilitator who advises and assists new investigators on obtaining regulatory approval for their research projects and directs the new / junior investigators to research resources available both on campus and throughout the UCLA-CTSI.
- Specialized laboratory services including:
  - Endocrine and Metabolic Research Laboratory provides services on measurements of endocrine and metabolic parameters.
  - Biomedical Mass Spectrometry Facility specializes in experimental design using stable isotopes and analytical methods for physiological or metabolic investigations.
  - Computed Tomographic Reading Core Laboratory specializes in cardiac, vascular and body composition imaging using advanced CT.

UCLA CTRC at LA BioMed/ Harbor-UCLA Staff

- **Director:** Christina Wang, M.D.
- **Associate Director:** Eli Ipp, M.D.; Lynne Smith, M.D.
- **Nurse Manager:** Loritta Manai
- **Bionutritionist:** Rachelle Bross
- **Administrator:** Raquel Gutierrez

Please cite NIH/NCATS/UCLA CTSI Grant UL1TR001881 in CTSI-supported publications
Biostatistics, Epidemiology and Research Design provides biostatistical and data management support, grant preparation, education and bioinformatics/computational biology services to CTSI research teams. Staff contact: domstat@mednet.ucla.edu

Community Engagement and Research Program develops, implements, and refines models of community engagement and facilitates research collaborations with community partners. Staff contact: Ibrahima Sankare, isankare@mednet.ucla.edu

Informatics Program provides databases, tools, resources and infrastructure for the acquisition, storage and analysis of data. Staff contact: Marianne Zachariah, mzachariah@mednet.ucla.edu

Integrating Special Populations focuses on catalyzing and strengthening research in three special groups: children, older adults, and groups affected by health disparities. Staff contact: Nathalie Vizueta, nvizueta@mednet.ucla.edu

Network Resources consists of two units: 1) The Clinical Research Acceleration Unit (CRAU) interacts with the CTSA Network Trial Innovation Centers (TICs) to ensure rapid study start-up of clinical trials and assist investigators with high priority studies; 2) The Recruitment Unit has been established to interact with Research Innovation Centers (RICs) to ensure rapid subject recruitment to clinical trials. CRAU contact: Hazel Xavier, hxavier@mednet.ucla.edu, Recruitment Unit contact: Marianne Zachariah, mzachariah@mednet.ucla.edu

Participant and Clinical Interactions provides scientific review and data and safety oversight. Helen Williams-Bayne, hwbayne@mednet.ucla.edu (UCLA) Holly Johnson, hollyjohnson@cdrewu.edu (Charles Drew) Debby Peterson, debby.peterson@cshs.org (Cedars-Sina) Raquel Gutierrez, gutierrez@labiomed.org (Harbor/LA BioMed)

Pilot, Translational and Clinical Studies Program provides seed funding for collaborative research, team-building activities and development of novel technologies and approaches. Staff contact: Deborah Herman, dkherman@mednet.ucla.edu

Population Health equips health agency personnel with skills to introduce and sustain critical translational science methods. Staff contact: Moira Inkelas, minkelas@mednet.ucla.edu

Precision Health mobilizes and integrates genomic data with clinical data for translational research that involves genetics, genomics, patient phenotypes, and biomaterials. Staff contact: Clara Lajonchere, clajonchere@mednet.ucla.edu

Regulatory Knowledge and Support ensures that our research is in full regulatory compliance and meets the highest quality assurance standards. Staff contact: Terra Hughes, tn Hughes@mednet.ucla.edu

Team Science develops new theoretical and evidence-based tools to improve, assess, and evaluate the capacity of interdisciplinary and translational science teams to effectively combine team members’ diverse expertise. Staff contact: Deborah Herman, dkherman@mednet.ucla.edu

Workforce Development Program houses most of our education and training activities, including KL2 and TL1 awards for mentored research. Staff contact: Lisa Chan, lchan@mednet.ucla.edu

For more information, visit www.ctsi.ucla.edu