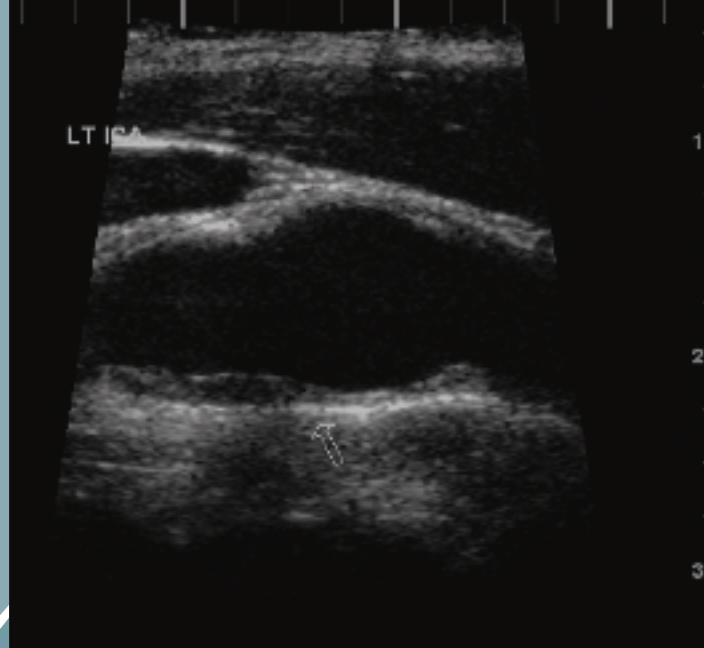


*“Our mission is to improve public health by providing quality ultrasound studies used to advance cardiovascular research.”*

The Ultrasound Research Laboratory (URL) is devoted to impacting public health by helping:

- Researchers to plan and conduct subclinical CVD assessments in their research populations.
- Industry to test new technologies.
- Clinicians to use subclinical measures for primary prevention strategies.



# URL

*“Healthy living through health research”*

## Contact Information

*For more information about URL services, contact:*

Trina Thompson, DrPH, MPH, RVT  
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(412) 624-1599

Kim Sutton-Tyrrell, DrPH  
Scientific Director  
Tyrrell@edc.pitt.edu  
(412) 624-1599

[www.url.pitt.edu](http://www.url.pitt.edu)

# Ultrasound Research Lab

*University of Pittsburgh  
School of Public Health  
Department of Epidemiology*

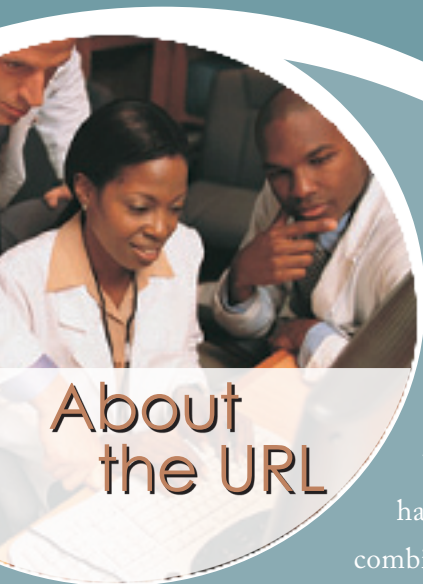
*Cardiovascular disease continues to be the #1 public health challenge.*

*Early detection techniques are needed to improve primary prevention and to monitor treatment strategies.*



# Our Services

*Our multi-disciplinary experts are respected professionals who provide research guidance through consultation and world-wide collaboration. Locally, our lab staff executes non-invasive vascular testing in many research populations supported by funding from sources such as NHLBI, NIA and AHA.*



## About the URL

Leadership is provided by Drs. Kim Sutton-Tyrrell and Trina Thompson who have nearly 50 years combined experience in cardiovascular disease research and clinical practice. The URL has three full-time vascular sonographers who scan, read studies and provide training support. The sonographers are certified in all testing procedures and undergo ongoing rigorous quality control assessments.

### TRAINING

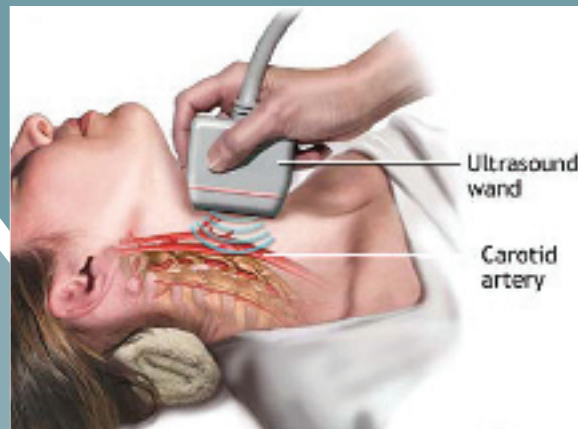
- Intima-media thickness (IMT)
- IMT quality control & protocol standardization
- Ankle Brachial Index (ABI/AAI)

### EDUCATING

- Subclinical vascular seminars (CMEs awarded)
- CVD research rotations for doctoral and medical students

### TESTING

- Non-invasive subclinical cardiovascular assessment by:
- Carotid duplex scan for intima-thickness
  - Vascular stiffness measures
  - Ankle Arm Index
  - Brachial Artery Endothelial Function



The lab is located on the main campus of the University of Pittsburgh at 130 North Bellefield Avenue, Pittsburgh, Pennsylvania. The URL supports a variety of research studies focusing on:

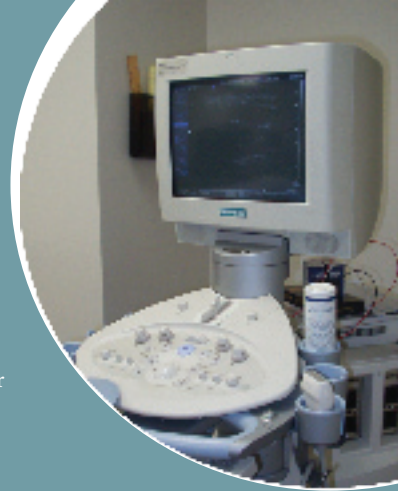
- Polycystic Ovary Disease (PCO)
- Hypertension (HTN)
- Obesity
- Hyperlipidemia
- Diabetes
- Systemic Lupus Erythematosus
- Ethnic Disparities
- AIDS/HIV
- Healthy Aging
- Activity and Nutrition
- Menopausal Transition

### CONSULTING

- Quality control assessment for clinical & research projects

### R&D

- Beta-test vascular equipment and software
- Conduct pilot studies for grant applications



*Awards are available for subclinical CVD pilot studies.*

*“The educational sessions have been extremely helpful to our staff. Thank you for teaching us IMT and standardization.”*

*~ T.K., Japan*

*“Your staff is really knowledgeable in subclinical measures. I have learned so much in two days that will help me start measuring IMT.”*

*~ B.C., Utah*

The URL...

- was established in 1987.
- is a leader in early CVD research.
- has participated in over 50 research projects.