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Research team:
2 PhD students,
full-time research nurse,
physician collaborators



My research group investigates how the human vascular system adjusts and adapts to exercise and environmental stress in healthy and diseased populations. Our work is currently funded by the NIH.

Some of our experimental tools include:

Thermal Perturbations



Water perfused suit for passive heating/cooling



Environmental Chamber



Hot/cold water immersion

Measures of Cardiovascular and Thermal Function/Control



Equipment for precise monitoring of cardiovascular (e.g., blood pressure, cardiac function, blood flow) and thermal (e.g., body core & skin temperatures, sweat loss) function



Cardiopulmonary exercise stress testing via indirect calorimetry and cardiac output via inert gas rebreathing



Interstitial fluid sampling and drug delivery in skin or muscle

