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

**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

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