Labs: A Mixed Course Based Research Approach to Human Physiology (Whitmer)

These labs were designed to provide students with hands-on access to modern techniques in human physiological analyses using the course-based research pedagogical approach. In this course, students will learn how to perform literature searches; generate research questions and hypotheses; design experiments; collect, analyze, visualize and interpret data; and present scientific findings to others. This curriculum offers a high-impact human physiology experience that fosters the critical thinking skills required to be a successful citizen in a modern world filled with misinformation.
1: Introductory Material

2: Labs

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Thumbnail: Anatomy in Motion. (CC BY 2.0; Beth Scupham via Flickr)