Featured HSHP Spaces in the Health Sciences Academic Building (HSAB)

Welcome to the Health Sciences Academic Building (HSAB) and the Department of Health, Sport, and Human Physiology (HSHP).

This resource highlights featured teaching, research, outreach, and student support spaces that advance HSHP's mission. The information below is intended to help faculty, staff, students, collaborators, research participants, and visitors better understand how these spaces support learning, discovery, innovation, and community engagement. As HSHP continues to occupy and refine spaces within HSAB, room descriptions, featured spaces, and space assignments may evolve.

Room #	Room Name	Description
4013	Experiential Learning Center	A classroom designed to support experiential learning, helping students connect academic knowledge with research, professional practice, and community engagement opportunities. A flexible, technology-enabled learning environment designed to support experiential education. Featuring collaborative workstations, writable surfaces, and adaptable furnishings, the space helps students apply classroom knowledge through hands-on projects, team-based learning, problem-solving activities, and engagement with research and community partners.
4015 4017	Multimedia Studio – Video Multimedia Studio - Audio	Professional audio and video production studios that support podcasts, interviews, livestreams, instructional content, research dissemination, outreach initiatives, and student-created media projects. Editing and postproduction activities are supported through the Health Education and Postproduction Studio (Room 5316).
4101-4113	Hall from 4013 to conference room 4000	Offices supporting academic advising, accounting, facilities, instructional resources, and other administrative functions that contribute to student success and departmental operations.
4500	HSHP Dept Offices	The administrative headquarters of HSHP, supporting departmental leadership, faculty, staff, and daily operations that advance the department's teaching, research, and service missions.
5300	Pediatric Play Teaching Lab (PPL)	Transforming play into learning, this innovative space provides students within the Therapeutic Recreation and Child Life programs with real-world opportunities to observe, research, and support child development. By teaching evidence-based play techniques and fostering positive interactions, the space helps students develop critical clinical, communication, and advocacy skills. The result is a generation of professionals equipped to create engaging, inclusive environments that promote healthy development and meaningful outcomes for children and families.
T5300	Outdoor Teaching and Learning Playground (OTLP)	Through hands-on experiences, students in the Therapeutic Recreation and Child Life programs deepen their understanding of child development, family systems, disability, and the essential role of play in promoting physical, cognitive, social, and emotional well-being. They learn how thoughtfully designed environments can reduce barriers, foster belonging, encourage risk-taking and problem-solving, support healthy development, and create meaningful opportunities for participation across diverse abilities and backgrounds. This space allows interdisciplinary activities and community engagement with Communication Sciences and Disorders programs and clinics.
5301	Community Health Collaborative - Health Coaching Lab 1	A space dedicated to supporting private conversations (both in person and remote) between student health coaches and clients/research participants.
5303	Community Health Collaborative - Health Coaching Lab 2	A space dedicated to supporting private conversations (both in person and remote) between student health coaches and clients/research participants.
5311	Community Health Collaborative - CHC Metabolic Testing Lab	An education and community outreach space dedicated to training students to administer body composition testing services to clients and research participants.
5313	Community Health Collaborative	An education and community outreach space dedicated to training

	- Body Composition Testing Lab	students to administer metabolic and fitness testing services to clients and research participants while outreach space dedicated to providing metabolic and fitness testing services to clients and research participants.
5315	Food & Nutrition Science Teaching Lab (FNSL)	A hands-on teaching laboratory where students explore nutrition, food science, and healthy eating patterns through experiential learning, evidence-based practice, and applied health education.
5316	Health Education & Postproduction Studio	A multimedia production and editing studio where students, faculty, and staff create digital content that supports health education, research dissemination, outreach, and community engagement.
5317	Exercise Studio	A shared research/teaching/outreach space that supports in person and remotely delivered exercise/fitness programs targeted to clinical populations through Exercise Oncology and Community Health Collaborative initiatives. The Exercise Oncology Clinic uses this space to support remote delivery of exercise services for patients on trial, to conduct decentralized hypothesis-testing exercise trials, to interface with and provide instrumental support for rural hospitals and cancer centers and remotely consult and train community providers in exercise and cancer.
5500	HSHP Student Success Center	The HSHP Student Success Center serves as a central hub connecting students with advising, academic support, experiential learning opportunities, career development resources, and services that promote personal and professional success.
5501	Human Physiology Teaching Lab	A hands-on teaching laboratory where students apply principles of human physiology through experimentation, scientific inquiry, and evidence-based learning.
5502	HSHP Graduate Student Lounge / Teaching Assistant Office	Dedicated workspace for graduate students and teaching assistants to support instruction, collaboration and networking, research, and professional development.
5506	Anatomy Teaching Lab	A teaching laboratory where students develop a foundational understanding of human anatomy through hands-on learning, scientific exploration, and application of anatomical principles.
5545	Gross Anatomy Teaching Lab	An advanced anatomy teaching laboratory where students gain hands-on experience studying human structure and function in preparation for careers and advanced education in the health sciences.
5th AP	Animal Research Wing	A dedicated research suite that supports animal-based physiological and biomedical research through general and specialized laboratory spaces, surgical facilities, shared core space, and storage areas.
6300	Health and Exercise Teaching Lab (HETL)	The Health and Exercise Teaching Lab (HETL) provides immersive learning experiences in exercise testing, health assessment, and performance evaluation. Students develop practical skills by working with advanced equipment and interpreting health and exercise data relevant to clinical, fitness, and research settings.
6th HP	Human Phys Core Research	A collaborative research environment comprising specialized laboratories, shared core facilities, and participant testing spaces that support innovative investigations in human physiology, exercise science, health, and disease prevention while providing hands-on research opportunities for faculty, students, and research partners.
6315A	Core - Exercise Training Lab	A flexible exercise research laboratory equipped with a full range of strength and power equipment with several cardio machines to support studies in human exercise performance, health promotion, and integrated human physiology.
6315B	Exercise Training Lab – Technogym	A state-of-the-art exercise research laboratory featuring advanced Technogym equipment and serving as a core component of Dr. Jess Gorzelitz's Exercise Oncology Clinic and Physical Activity and Cancer Survivorship (PACS) Lab, supporting innovative research to improve health, function, treatment response, and quality of life among individuals

		impacted by cancer.
6400	Core - Research Conference Room	A collaborative conference space supporting research meetings, community partnerships, graduate student comprehensive exams, dissertation defenses, and scholarly presentations.
6401	Research Waiting Room	A comfortable reception space that welcomes research participants and supports the Human Physiology Core's research activities.
6503	Exercise Oncology Clinic – staff office	A dedicated workspace for the Specialized Care Coordinator for the Exercise Oncology Clinic that supports participant intake, clinician communication, program coordination, staff supervision, and training activities essential to the delivery of clinical research and exercise interventions.
6504	Core - Microscopy	Human physiology research shared space equipped for microscope imaging and analysis of biological tissues and cells.
6505	Core – Consultation Room	A shared meeting space for research consultations, participant visits, and collaboration among investigators, students, and staff.
6506	Stress, Cardiovascular, and Autonomic Research Lab (SCAR) Dr. Jeremy Bigalke	The SCAR lab is interested in exploring the dynamic association between acute and chronic psychological stress exposure and physiological outcomes. Our primary laboratory techniques incorporate direct assessment of peripheral sympathetic regulation alongside beat-to-beat cardiovascular assessment. We additionally utilize at-home sleep, stress, and general health monitoring to complement our in-laboratory studies. Our mission is to delineate the mechanisms underlying the link between psychological stress and adverse physiological outcomes to inform the development of targeted, therapeutic intervention strategies.
6508	Core – Freezer Room	A shared space housing ultra-low temperature (-80°C) freezers for the secure storage of research specimens and biological samples supporting research.
6510	Integrative Neurovascular Physiology Laboratory Dr. Mandy Bunsawat	The Integrative Neurovascular Physiology Laboratory (INPL) has overall research interests in integrative human physiology with a primary emphasis on age- and sex-related health disparities among individuals at risk for or who have cardiovascular, kidney, and metabolic syndrome (CKM). Our current research agenda are two-fold: 1) elucidate mechanistic underpinnings and physiological consequences of autonomic and vascular dysfunction, as well as deranged circulatory control and 2) identify novel therapeutic approaches (i.e., pharma/nutraceuticals, exercise, and/or nutrition) that can improve the prevention and treatment of chronic diseases.
6511	Health and Adaptive Recreation Therapy Lab (HEART) Dr. JJ Chen	The mission of the Health and Adaptive Recreation Therapy (HEART) Lab is to advance understanding of how physical activity, motor learning, and inclusive recreation influence physical, cognitive, and psychosocial health across the lifespan. Through interdisciplinary, evidence-based, and community-engaged research, we develop, implement, and evaluate innovative interventions that promote health, functional independence, participation, and quality of life. Our work focuses on individuals with intellectual and developmental disabilities, older adults, and other underserved populations, with the goal of creating inclusive, accessible, and sustainable opportunities for lifelong health and well-being.
6514	Real-Time NeuroRehabilitation Lab Dr. Sara Hussain	The mission of the Real-Time NeuroRehabilitation Lab is to identify brief temporal windows during which rehabilitation and neurostimulation are most effective, and to deliver evidence-based, impairment-focused interventions during these windows in real-time. To achieve this, the research team performs highly multimodal research studies that combine brain and nerve stimulation, brain and muscle activity recordings, and movement assessments in people with and without stroke-related movement problems. The group is particularly interested in promoting fine motor control of the hand, as this is one of the most difficult aspects of movement to recover after stroke.
6515	Human Development & Daily Life Lab (HuDDL)	The Human Development & Daily Life (HuDDL) Lab studies how neurodivergent and neurotypical people develop. Specifically, we are

	Dr. Nicholas Fears	interested in how complex relationships between motor, sensory, and cognitive processes impact the performance of activities of daily living, such as feeding, dressing, and playing games in development, especially autistic development. We use our research findings to improve the lives of neurodivergent people by adapting their environments and providing support for them to achieve their goals.
6521	Translational Vascular Physiology Laboratory Dr. Gary Pierce	The mission of the Translational Vascular Physiology Lab (TVPL) is to determine the mechanisms that contribute to accelerated vascular aging (arterial stiffness, endothelial dysfunction, cerebrovascular dysfunction) in persons at high risk for developing cardiovascular disease and cognitive impairment, and test the efficacy of pharmacological, exercise, and nutraceutical interventions on attenuating or reversing vascular aging in these individuals.
6522	Exercise Oncology Clinic Dr. Jessica Gorzelitz	A dedicated laboratory space for measuring body composition via dual-energy x-ray absorptiometry (DEXA) in clinical populations. This space includes the Checkup interface from Technogym for users to estimate multiple dimensions of health including inputs from the Biostrength Technogym line and the BIA from the display.
6524	Core – Exercise Testing Research Core Lab 1 (VO2)	A shared exercise physiology laboratory equipped for cardiopulmonary fitness testing and metabolic assessment in human research participants, supporting research on physical activity, health, human performance, and disease prevention.
6526	Microvascular Physiology Lab Dr. Anna Stanhewicz	The Microvascular Physiology Lab studies the human cutaneous circulation to understand how blood vessels function in human health and disease. The lab group is particularly interested in understanding the mechanisms that control blood vessel function and how those mechanisms change in people who have cardiovascular or metabolic disease, and what the best intervention strategies are to prevent or reverse disease in these patients.
6528	Core – Cell Culture	A shared laboratory space equipped for cell culture and sample preparation, supporting collaborative research across the Human Physiology Research Core.
6531	Physical Activity and Cancer Survivorship (PACS) Lab Dr. Jessica Gorzelitz	The Physical Activity and Cancer Survivorship (PACS) lab aims to advance our understanding of the specific benefits of physical activity and exercise in cancer survivors by contributing original research to the overall evidence base. Our mission is to use exercise to improve the quantity and quality of lives of cancer survivors. To accomplish this mission, we use both epidemiologic and interventional study designs.
6534	Physical Activity and Women's Health (PAWH) Lab Dr. Kara Whitaker	The Physical Activity and Women's Health (PAWH) lab aims to understand how physical activity, sedentary behavior, and sleep affect cardiovascular health and disease risk and to translate this knowledge into interventions, clinical practice, and public health guidelines. The lab primarily works with pregnant and postpartum populations, children, rural populations, and other at-risk groups.
6535	Behavioral Medicine Laboratory Dr. Lucas Carr	The Behavioral Medicine Laboratory is a research lab focused on designing, implementing, and testing solutions that improve lifestyle health behaviors among at-risk and underserved populations.
6545	Core – Wet Lab	A shared wet laboratory that supports sample processing, laboratory analyses, and collaborative research activities across the Human Physiology Research Core.

Last updated: August 2026. *This resource highlights selected HSHP spaces and is intended for informational purposes. Space assignments, room functions, equipment, and programming may evolve as HSHP continues to develop and occupy spaces within HSAB.*

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