



FACILITY RENOVATIONS/CAPITAL SUPPORT

Renovate and Expand the Hodson Science and Technology Center



Extraordinary faculty, students and programs deserve equally extraordinary spaces. Transforming the Hodson Science and Technology Center will provide the classrooms, specialty labs, study spaces and faculty offices needed to accommodate the College's growth in the sciences, overall, and specifically health sciences. The renovated facility will also house the new Biomedical Research and Training Center that will support Hood students' education in biotechnology and biomanufacturing. Graduates will be prepared to advance their knowledge, address the most pressing issues in global health today and conduct cutting-edge research in the biomedical field.

"Enrollment growth has placed increased pressure on the College's instructional and laboratory spaces, particularly in the sciences. Our programs demand state-of-the-art facilities, so that our students have access to modern equipment and technology to be change-makers in science, technology and healthcare."

Andrea E. Chapdelaine, Ph.D.,
Hood College President

Our Vision:

Building on Hood's core strengths in the sciences and liberal arts, the renovated Hodson Science and Technology Center will foster growth in academic programs and integrate research with practice, leveraging our rigorous curriculum and our extensive partnerships in research—locally, regionally and globally.

Hood has been a leader among our peer liberal arts colleges in developing new academic programs in response to market demand and regional workforce trends. The Bachelor of Arts in Sustainability Studies, launched in fall 2021, required new specialty labs to support the three areas of focus—water, energy and food. A computer science lab, constructed in an annex building, partially accommodated growing graduate programs in cybersecurity and bioinformatics, as well as a pending program in health informatics. Nursing has become the largest major with an enrollment demand that exceeds current capacity. Hood has successfully launched anew undergraduate degree in public health that is poised to be Maryland's only accredited Bachelor of Arts program in the field, while our new graduate program in nutrition science just earned national accreditation.



Leidos Biomedical Research, Inc.



>> Create the Biomedical Research and Training Center

The Biomedical Research and Training Center will provide a unique opportunity for students to receive specialized hands-on training, coinciding with current industry needs. Led jointly by Hood College faculty and scientists from regional companies, the Center will place students at the forefront of innovations in science, technology and healthcare to ensure they have the expertise needed to propel the biotechnology industry into the next generation. Partnerships include Kite Pharma (a subsidiary of Gilead Sciences), Leidos Biomedical Research, AstraZeneca and the State of Maryland, to name a few. The Center will prepare students to enter the workforce immediately after graduation, possessing relevant skills to meet pressing needs in manufacturing, research and development of new therapies and treatments to improve healthcare.

In December 2020, Hood finalized an agreement with Kite Pharma in advance of their construction of a new manufacturing facility in Frederick County. Kite specializes in personalized oncology treatment targeting bloodborne cancers. With financial support from the State of Maryland, we repurposed a lab in the Hodson Science and Technology Center to serve as a temporary training center for new Kite employees and Hood students to learn the skills needed for immunotherapy drug production. This served as our inspiration for establishing the Biomedical Research and Training Center at Hood, which acknowledges the rapidly growing biomedical industry in Frederick County and Maryland. It also underscores Hood's unique and highly competitive programs in biology, chemistry and computer sciences that will continue to support regional workforce development in biomedicine and biomanufacturing.



President Chapdelaine and Dr. Ethan Dmitrovsky, director of the Frederick National Laboratory for Cancer Research and president of Leidos Biomedical Research, at the signing of the Memorandum of Understanding between Hood College and the national laboratory.

"This is such an exciting opportunity to bring scientists and faculty together to learn and share ideas on the forefront of the biomedical sciences,"

Ethan Dmitrovsky, M.D.

In addition to workforce training, the Center will serve as a nexus for collaboration and research between Hood faculty and students and regional industry partners. Frederick County is home to more than 80 bioscience companies, as well as the federal labs of the United States Army Medical Research Institute of Infectious Diseases, Department of Defense, Department of Health and Human Services, Department of Homeland Security, U.S. Department of Agriculture at Fort Detrick and the National Cancer Institute. Hood could not be more perfectly situated, both geographically and academically, to leverage our existing partnerships with these agencies in support of the Center's mission.

Through conferences, symposia and other collaborative programs, the Center will open Hood's campus to a world of renowned scientists, scholars and students. The Leidos partnership expands research and training opportunities for students at the Frederick National Laboratory, provides professional development programs for Hood faculty and national laboratory staff, and returns the annual Oncogene conference to Frederick. Building on the legacy of the Oncogene Conference, Hood hosts the Imaging Science and Cancer Biology Symposium in partnership with Leidos Biomedical Research.



Hodson Expansion view from Evergreen Ave.

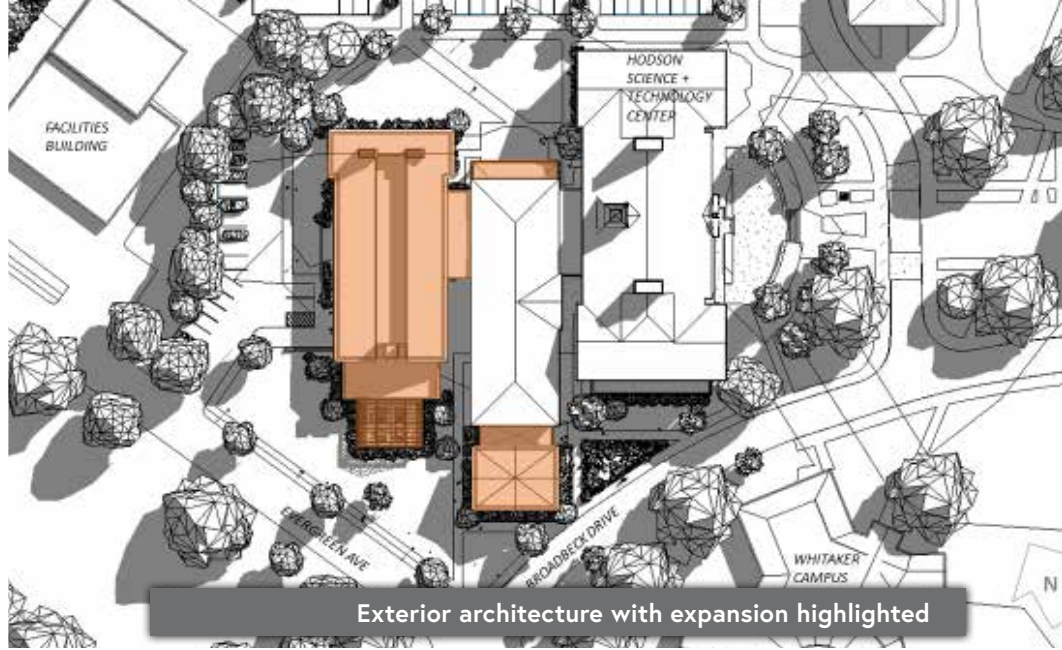
>> Hodson Expansion and Renovation

The proposed expansion to the Hodson Science and Technology Center is a three-story, 32,000-square-foot addition that will provide the instructional and laboratory space needed to accommodate program growth. It will also include significant renovation of existing classrooms and lab spaces. Consistent with Hood's commitment to high-impact teaching and learning, the expansion and renovation will create new "wet lab" training spaces, new conference and meeting spaces, new classrooms with virtual technology, additional offices, an 80-seat auditorium and a greenhouse. The renovations will improve improved figuration of teaching labs and classrooms, environmental controls and emergency power.

The design concept reflects Hood's commitment to preparing graduates with the skills necessary to successfully pursue a lifetime of careers in science and technology. Among those skills are interdisciplinary thinking, creativity and teamwork. Spaces in the new building have been purposefully designed as so-called "maker spaces," which will encourage students from all disciplines (biology, biochemistry, chemistry, computer science, mathematics, coastal studies and sustainability studies) to work in partnership and develop innovative solutions to complex problems.



Proposed 80-seat auditorium



Exterior architecture with expansion highlighted

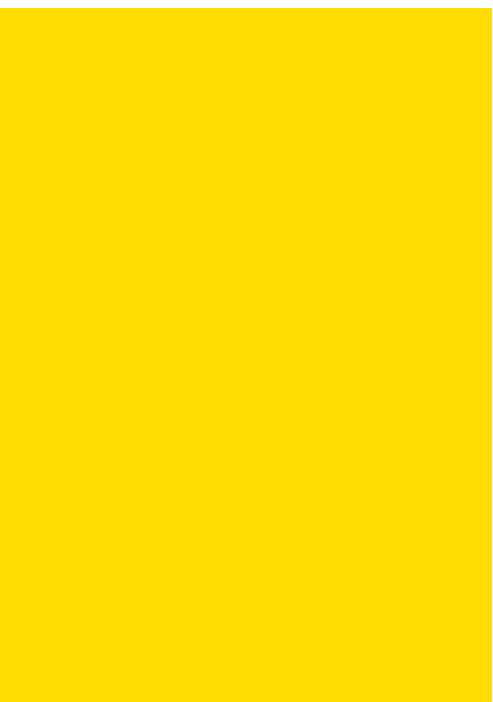
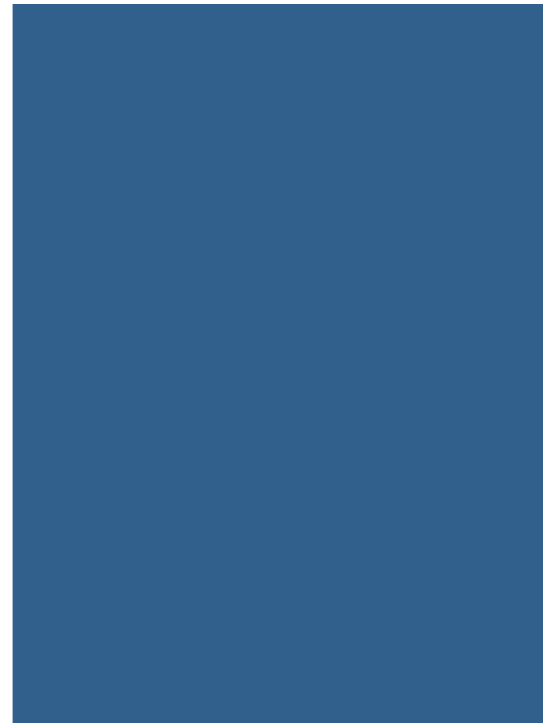


Hodson Expansion view from Brodbeck Drive



Hodson Expansion view of new courtyard

MAKER SPACES





Philanthropic Opportunities

During *Forging the Future: The Campaign for Hood College*, we seek to raise \$15M to expand and renovate the Hodson Science and Technology Center to support growth in health and science programs, and to establish the Biomedical Research and Training Center. Specific needs include capital resources for the building, as well as new equipment for state-of-the-art labs. The total projected cost is upwards of \$20M.

Join us

We invite you to join us in supporting the expansion and renovation of the Hodson Science and Technology Center. You will open new pathways to learning for students pursuing biomedical research and manufacturing, health professions, information technology and cybersecurity, sustainability studies and more. You have the power to address the most urgent issues in global health today, enhance our facility and change a student's life forever. Join us.





Forging the Future

The Campaign for Hood College

Forging the Future: The Campaign for Hood College invites alumni, friends and supporters who believe in the College's future to invest in it. We seek \$65M in philanthropic support to provide more scholarships, ensure that every student graduates world- and work-ready, and increase future support for our faculty. We will develop new degree programs that meet emerging needs and create new spaces in which to deliver them. By growing our endowment, we will strengthen Hood College for generations to come.