



AUGUSTA UNIVERSITY

COLLEGE OF SCIENCE
AND MATHEMATICS

Building an
Innovation Pipeline
that Fuels
Growth

Building New Opportunities

Dear Friends and Alumni:

The decision to construct a modern new building to house the College of Science and Mathematics on the Health Sciences Campus is the next step in Augusta University's evolution to create a student-centered research university that bridges undergraduate education and professional health sciences programs. Situating this college in immediate proximity to our colleges of medicine, dental medicine, nursing, and allied health sciences, as

well as the AU Medical Center, will distinguish Augusta University from all other institutions in the University System of Georgia. This will enhance Augusta University's attractiveness to students interested in pursuing careers in the health sciences and advance the university's goal to grow enrollment. Further, the addition of research laboratories in the new building will increase the ability of our faculty and students to conduct scientific research and will support the creation of additional graduate programs.

The move will provide an unprecedented opportunity for undergraduates to study and work side by side with "white coats" — that is, students who have been admitted into professional programs preparing them for an array of careers in health care. This enriched environment will have a positive impact on the progression of our students and promote the recruitment of new students from across the state and the region.

Science Hall on the Summerville Campus was designed and constructed primarily to support the teaching mission of Augusta State University (ASU). While the teaching mission remains integral to Augusta University, the institution is committed also to a research mission, as reflected in the University's strategic plan, "Beyond Boundaries." This plan establishes the goal to enhance research infrastructure, support services, resources and operational efficiencies, enabling faculty, staff, students, and trainees to successfully pursue research, scholarship and creative endeavors.



Student opportunities to engage in scientific research as undergraduates — to “do” science rather than just study it — will be expanded given the close proximity to researchers on the Health Sciences Campus. Moreover, College of Science and Mathematics faculty researchers will benefit from cross-disciplinary interactions and collaborations with colleagues on the Health Sciences Campus, thereby facilitating Augusta University’s evolution toward becoming a comprehensive research university with Carnegie R1 status.

The new College of Science and Mathematics building will be constructed on the Health Sciences Campus, in part because Summerville is a National Historic District, which limits development. The relocation of the college into a new building tailored to the present and future needs of faculty and students will allow the remaining colleges on Summerville, as well as the College of Science and Mathematics, to grow.

In order to achieve this extraordinary vision, we need your help. I ask that you join us as we work to create a new kind of destination campus — one that capitalizes on our unique tripartite mission of education, research and health care.

Brooks A. Keel, PhD
President, Augusta University





Building Modern Laboratories

“The new building on the Health Sciences Campus will provide modern teaching laboratories to train undergraduate students and, when built out, research laboratories to greatly increase research opportunities for both students and faculty. Its location will increase the number of undergraduate and graduate students participating in biomedical research projects involving faculty from the colleges, institutes, and centers located on the Health Sciences Campus and facilitate interdisciplinary research projects involving students and faculty of the College of Science and Mathematics and other units of Augusta University.”

Dr. John C. Sutherland
Dean, College of Science and Mathematics

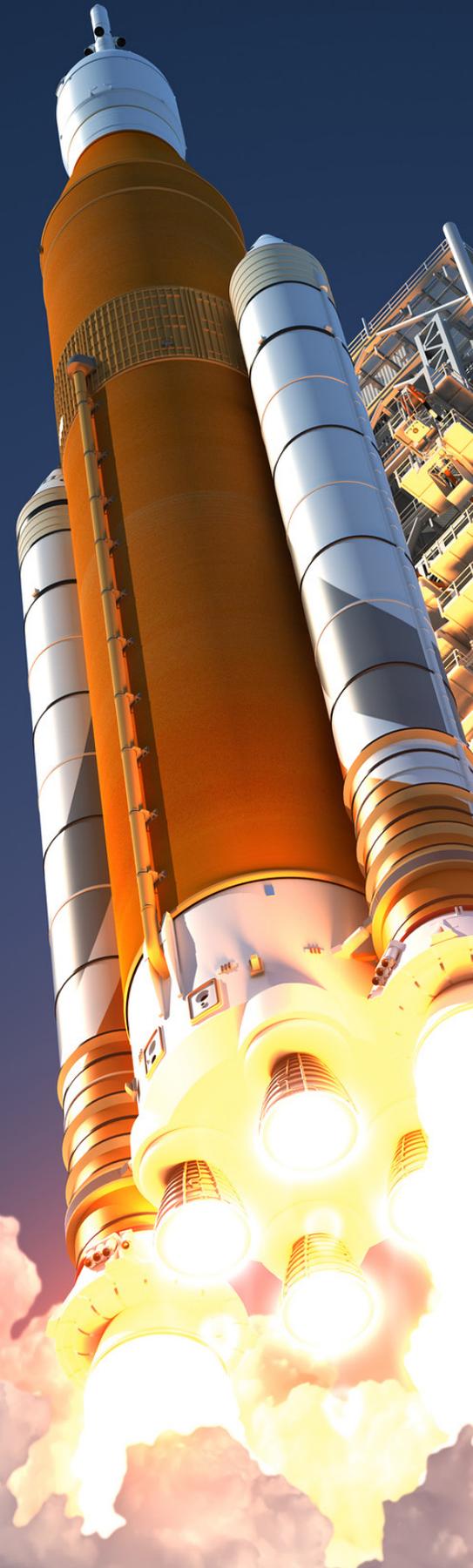


Physics Lab

Building a Launch Pad for Discovery

Together we are creating a new home and network for the College of Science and Mathematics. The new building will integrate undergraduate programs with established advanced research and professional programs on the health sciences campus. This space will house an intersection of innovative ideas and tools to build on those ideas. It's a launch pad for discovery!

- INTEGRATION of undergraduate and professional programs
- INTERDISCIPLINARY LEARNING opportunities thereby facilitating a student's professional aspirations
- Increase FUNDED RESEARCH with faculty, post docs and graduate programs
- To provide "STATE OF THE SCIENCE" learning environments for the university's students
- FLEXIBLE LAB ENVIRONMENTS to foster interdisciplinary collaboration
- Allow for GROWTH of the College of Science and Mathematics and CHANGES IN PEDAGOGY AND TECHNOLOGY

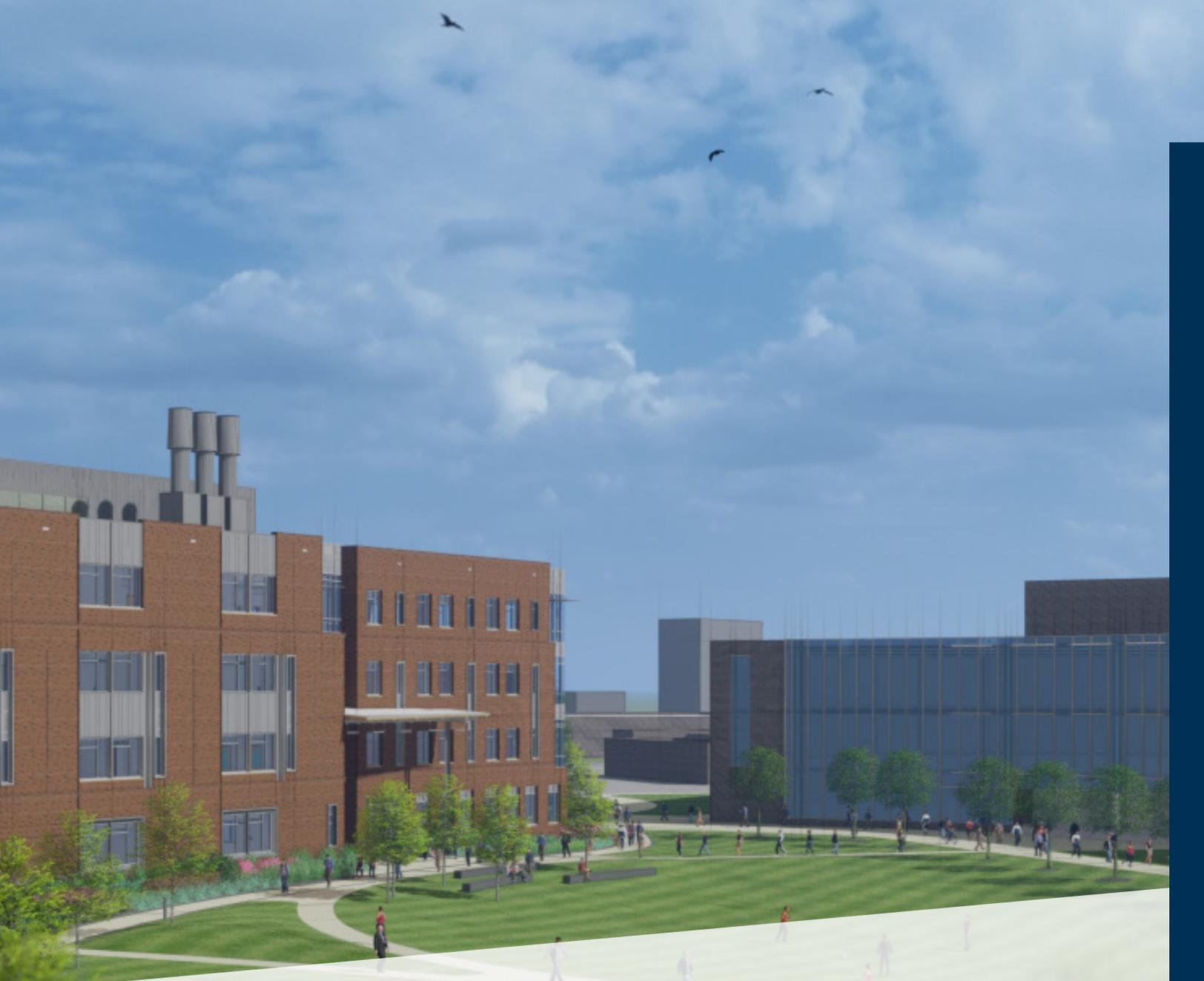


Building STEM Education Spaces

Set to open in June 2021, the new 124,518 – square foot building will accommodate a heightened demand for STEM education space. This space will create a teaching environment that encourages more cross-departmental collaboration which is so important for STEM education. The building will round out the quad adjacent to the Medical College of Georgia and the Dental College of Georgia. The generous landscaping and outdoor plazas will surround the building, creating space for outdoor classes, group study and recreational play.

- Create a new GREENSPACE for passive recreation while supporting outdoor learning opportunities and serve as a PEDESTRIAN FOCUSED communal GATHERING SPACE for the campus
- REINFORCE the physical connection to existing Dental College of Georgia and J. Harold Harrison, M.D. Education Commons Buildings
- Provide access to LIVING LEARNING COMMUNITIES designed to provide a supportive residential learning opportunity open to incoming freshman students who want to live on campus





Building a Space for Innovation

The approximate cost of the new College of Science and Mathematics building is \$66.5 million. The University, through its operating revenue and financing, will provide \$55.5 million of the cost, while friends, supporters and stakeholders will be asked to provide \$10 million in private funding.

The new building will complete the quad at the Dental College of Georgia and the J. Harold Harrison, M.D. Education Commons. The close proximity to these buildings will allow science and mathematics professors and students to utilize innovative classroom space and grow class sizes. The students will have access to two 300-seat tiered auditoriums, 150-seat tiered classroom, 150-seat active learning classroom and a café.



“For students interested in research fields, especially those in the applied biomedical sciences and other health-related fields, the re-situation of the College of Science & Mathematics to a spot in the middle of the action provides them with a unique advantage. From a personal standpoint, many of my greatest undergraduate accomplishments have taken place on the Health Sciences Campus. These experiences have proven invaluable as I look to advance my academic and young professional career. My path, though exciting, has not been without inter-campus travel and communication challenges. It would be my hope that this new facility would allow more people, like me, to connect and work with learners across educational levels and faculty spanning many disciplines. I think there is a lot more potential here at Augusta University than many realize, and shifting our college down the hill might remove a lot of barriers to exploration.”

Katie Jester
Augusta University Department of Psychology
Junior Psychology Major

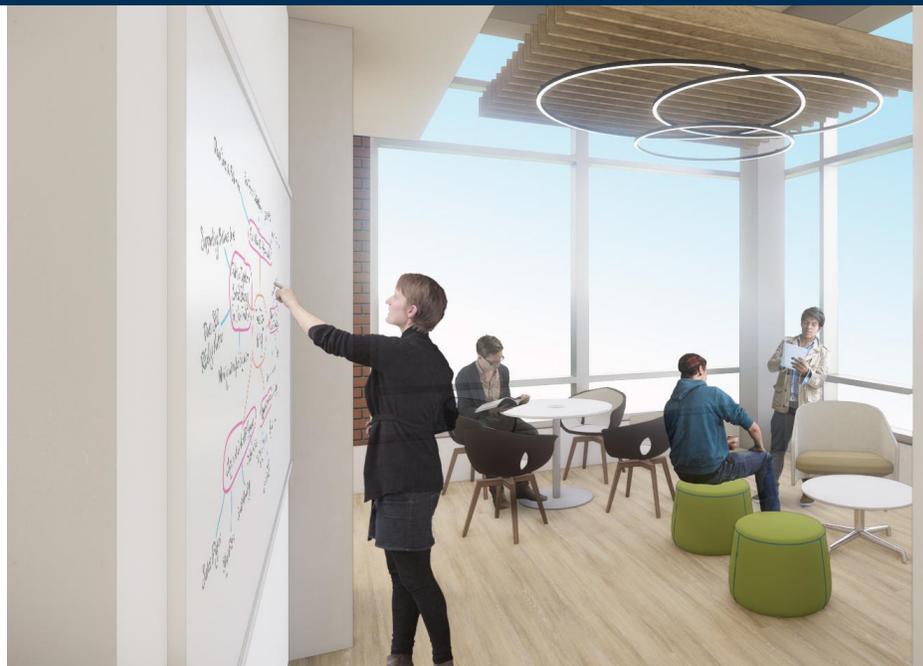
- Lobby
- Psychological Sciences Suite
- Biology Intro Labs
- General Chemistry Labs
- Upper Level Chemistry Lab
- Tutoring Lab
- Student Study Area
- Student Meeting Room
- Dean’s Office
- Conference Room (Large)
- Waiting Room

First Floor



Second Floor

- Microbiology Lab
- Molecular Biology Lab
- Intro to Science Labs
- Anatomy & Physiology Labs
- Student Study Area
- Student Meeting Room
- Undergraduate Project Lab
- Nuclear Lab
- Multipurpose Room
- Offices
- Cell Tissue Culture Lab
- Microscopy Lab



Third Floor

- Organic Chemistry Labs
- Physics Labs
- Instrumentation Lab
- Laser Lab
- Undergraduate Project Lab
- Student Study Area
- Student Meeting Room
- Multipurpose Room Offices



Building a Connection

The Fourth Floor has potential for an inspiring future we can create together. This shelled space will be the home of collaborative research and leaves room to grow inside the building. Having this space available will help us recruit new researchers and exceptional staff.

The Fourth Floor will be the connection between the new Science and Mathematics building and the Interdisciplinary Research Center on the Health Sciences Campus. A bridge will link the two buildings designed to facilitate communication and collaboration between researchers.

"After looking at the placement of the new science building, I can only look forward into the future with hope and optimism. The upcoming generations of students are going to be given a phenomenal opportunity to collaborate with faculty and students from the Medical and Dental Colleges of Georgia. Having the new building on the same campus is going to open up even more invigorating research opportunities for students looking to challenge themselves. Overall, I am excited for the endless number of relationships and projects that will grow from collaborative conversations taking place on the Health Sciences campus."

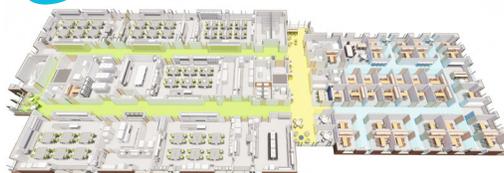
Katherine Pinkerton
Augusta University Department of Chemistry and Physics
Junior Chemistry Undergraduate

The future

College of Science & Mathematics



First Floor



Second Floor



Third Floor

To learn more about you can help build an innovation pipeline that fuels growth,
contact the Office of Advancement at 706-721-4001 or advancement@augusta.edu.



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