With a generous lead grant from the Allegheny Foundation, Carnegie Mellon University will build a new Scaife Hall, the Alan Magee Scaife Hall of Engineering. The building will feature expanded, interdisciplinary labs; modern, flexible classrooms; and spaces that facilitate formal and informal collaborations.

“State-of-the-art labs and classrooms are critical for educating future generations of world-class engineers,” says Allen Robinson, David and Susan Coulter Head and Raymond J. Lane Distinguished University Professor of the Department of Mechanical Engineering (MechE). “With reconfigurable classrooms and other modern learning spaces, we can accommodate both the growing number of mechanical engineering students and the need for flexible project spaces for hands-on courses.”

While the future of engineering education requires a different type of classroom, the future of research requires a very different type of laboratory. The new building will accelerate multidisciplinary collaboration and support research in emerging fields such as biohybrid robotics and nanoengineered materials.

The new building will more than double the size of the original Scaife Hall, expanding the footprint on Frew Street, forming an engineering and maker quad with Hamerschlag and ANSYS Halls, and creating a new entrance to campus. The new Scaife Hall, an $80 million project, will offer another important improvement: the opportunity to develop a stronger sense of community between the students, faculty, researchers, and staff. As mechanical engineering students outgrew the existing building’s smaller classrooms, their classes were not close to the faculty offices. Robinson saw this as an obstacle. “We want to encourage the ‘light bulb’ moments that result from informal interactions that sometimes only happen when you bump into your professor in the hall and start up a conversation.”
NAMING OPPORTUNITIES

TRANSFORMATIONAL
• Engineering Quad (details available upon request)

$5 MILLION
• Auditorium & Lecture Hall
• Commons Area & Café

$2–3 MILLION
• Commons Area ($3 million)
• Wet Lab for Robotics ($2.5 million)
• Entrance Garden ($2.5 million)

$750,000 TO $1 MILLION
• High Bay Drone Arena ($1 million)
• Cyberphysical Systems Lab ($1 million)
• Café ($1 million)
• Robotics Lab ($1 million)
• Large Classroom ($750,000)

$250,000
• Medium Collaboration Space for M.S. Students
• Materials Characterization Lab
• Materials Synthesis/Lithography Lab
• Biochemistry Lab
• Biocharacterization Lab
• Small Classroom
• Assembly Lab to Support the High Bay
• Medium Outdoor Terrace
• Ph.D. Think Tanks (2 available)

$100,000
• Darkroom for Lithography
• Tissue Culture Lab (2 available)
• Aquatics Lab
• Medium Meeting Room (4 available)

$50,000
• Small Meeting Room inside Undergraduate Collaboration Space (3 available)
• Small Meeting Room inside M.S. Collaboration Space (2 available)
• Small Meeting Room (9 available)

$25,000
• Kitchen/Break Room (5 available)
• Faculty and Staff Offices
• Collaboration Space (2 available)

$5,000 TO $15,000
• Study Alcove (2 available) ($15,000)
• Small Collaboration Areas (4 available) ($10,000)
• Mother’s Room (2 available) ($10,000)
• Graduate Individual Workstation ($5,000)
• Outdoor benches (6 available) ($5,000)
• Small Seating Area (2 available) ($5,000)

$500,000
• MechE Department Commons & Collaboration Space
• Medium Classroom
• Large Meeting Room
• Lab Garden
• Green Roof

UPDATED 2/2021