

Carnegie Mellon Engineering

Media : Press Releases : 2016 :

Carnegie Mellon University opens transformative new building for energy innovation

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April 27, 2016



Driving along Forbes Avenue towards Carnegie Mellon University's campus now offers a new transformative view: the Sherman and Joyce Bowie Scott Hall, a building designed by OFFICE 52 Architecture to be as visually stimulating as it will be essential to interdisciplinary research at the university. The university will host an opening of Scott Hall on Saturday, April 30.

Scott Hall fits like a jigsaw piece into Carnegie Mellon's campus and was designed with the university's culture of collaboration and sustainability in mind. Its heavy energy focus will build on Pittsburgh's energy history by providing researchers with the necessary tools to develop innovative solutions to today's energy problems.

The building also will be essential to nanotechnology research on campus through one of the most energy-efficient cleanrooms in the nation. Additionally, the building will provide a new home for the Wilton E. Scott Institute for Energy Innovation, a program about shared research that has started a compelling new chapter for energy at Carnegie Mellon, the Department of Biomedical Engineering, the Engineering Research Accelerator, and the Disruptive Health Institute.

The building will physically bring together hundreds of faculty and students from a variety of disciplines, allowing them to work together in ways they had not been able to before,” says James H. Garrett, Jr., dean of the College of Engineering.

The opening event will kick off with speeches from Garrett; Subra Suresh, president of Carnegie Mellon University; Isaac Campbell, who is one of the two principle architects from Office 52 Architecture; Sherman and Joyce Bowie Scott, whose generous donation funded both Scott Hall and the Scott Institute for Energy Innovation; and John and Claire Bertucci, whose generous contribution resulted in the Bertucci Nanotechnology Laboratory, a maker space within the building.

A ribbon cutting, research demonstrations, and a reception will follow the speeches.

When: 11 a.m. – 2 p.m. Saturday, April 30, 2016

Where: Sherman and Joyce Bowie Scott Hall, 5000 Forbes Ave, Pittsburgh, PA, 15213

Scott Hall: A Jigsaw Piece that Fits Perfectly into Carnegie Mellon’s Campus

The 109,000 square-foot Sherman and Joyce Bowie Scott Hall, which is on track to achieve LEED Gold certification, has two main sections: the North Wing and the Claire and John Bertucci Nanotechnology Laboratory, which meet at the Arthur C. Ruge Atrium and the Collaboratory, a four-story space that connects the levels of the North Wing of the building.

The North Wing is a multicolored glass structure that sits elegantly over Junction Hollow on a sculptural composition of angled white steel columns, which are strategically placed in the overall design to avoid the utilities below. The Bertucci Nanotechnology Lab is tucked between Porter Hall, Hamerschlag Hall, Roberts Hall, and Wean Hall, turning what used to be a small service and parking area into a great deal of usable workspace. The Collaboratory and Ruge Atrium, which contain a café, are based on the idea that informal discussions are one of the main generators of collaborative work. The architects designed these spaces to encourage common and informal interactions, since researchers in the building must go through these areas to reach their labs and offices.

Together, the three parts of the building directly connect the multiple disciplines within Scott Hall to four other buildings on campus. Scott Hall provides easy access to Baker Hall and Scaife Hall, resulting in an important new nexus on campus for the College of Engineering and giving physical form to the collaborative culture of the college.

https://engineering.cmu.edu/media/press/2016/04_27_scott_hall_opening.html

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