

## A Campus Gateway and a Hub for Learning and Collaboration

Classes start in spring 2015 in the Integrated Sciences Complex (ISC), the first new academic building on campus in nearly 40 years. The new building advances student and faculty access, engagement, and success with state-of-the-art research, teaching, and training laboratories. It promotes collaboration across a multitude of disciplines while opening doors to strategic and community partnerships and research opportunities.

The ISC provides a new landmark gateway to the campus with a striking angular glass geode that can be seen from Morrissey Boulevard and I-93. Located adjacent to the Quinn Administration Building and the Healey Library, the ISC welcomes those entering the campus from Morrissey Boulevard and pedestrians approaching the building. The building is designed by Boston-based architectural firm, Goody Clancy and is constructed by Walsh Brothers. The project is managed by the commonwealth's Division of Capital Asset Management and Maintenance.

Spanning all five levels, the atrium hub, with a monumental staircase between the first and second floors, provides spectacular panoramic harbor views. Its interesting lighting, spaces, and furniture are designed to promote interdisciplinary interaction, exhibits, and special events.

The first building envisioned in UMass Boston's 25-year Master Plan, the ISC demonstrates UMass Boston's commitment to environmental stewardship by incorporating sustainable measures such as solar hot-water panels; reduced flow fixtures; high efficiency, low-emissions boilers; and other features. The campus is seeking LEED Silver certification for the ISC, which would make it the first building on campus to receive LEED certification.

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UNIVERSITY OF MASSACHUSETTS BOSTON

50 Years



## Changing the Innovation Landscape





## INSIDE THE ISC

Welcome to the Integrated Sciences Complex (ISC), the first new academic building on UMass Boston's campus in four decades. The five levels of research and teaching laboratories in the ISC give the brightest minds in science a place to discover their breakthroughs.

### FLOOR 1

**Physics Labs** in the ISC are poised to produce cutting-edge technology for theoretical and experimental physics and engineering research.

**The Café** at the heart of the ISC serves as a meeting point for students, faculty, and staff.

**The Sandbox Lab** is a dedicated lab space for undergraduate students in STEM fields. Here, students conduct long-term research projects with faculty mentors.

### FLOOR 2

**The School for the Environment** will have both offices and labs at the ISC. SFE researchers examine everything from contamination in New England oyster beds to policy on climate change in the Horn of Africa.

**Biology Teaching Labs** allow students to engage in hands-on scientific experiments.

### FLOOR 3

**The Chemistry Labs** will be home to synthetic, analytical, and physical chemistry research.

**Biology Labs** are designed for ecological research, climate change study, and DNA sequencing.

### FLOOR 4

**The Center for Personalized Cancer Therapy** is on the cutting edge of cancer research. In partnership with the Dana-Farber/Harvard Cancer Center, the CPCT is researching ways to help doctors more accurately and efficiently diagnose tumor types and select the appropriate treatment plans for individual patients.

**Psychology Labs** will offer students more opportunities to delve into behavioral and observational testing before they launch careers.

**The UMass Boston Baby Lab** in the Psychology Department investigates how infants and toddlers acquire short-term memories, build attention span, and learn new words.

### FLOOR 5

**Biology Labs** provide space for research in plant biochemistry, genetics, and pathogen ecology.

**Psychology Labs** for the developmental and brain sciences will allow researchers to focus on understanding cognition, perception, and behavior when underlying neural and hormonal mechanisms are developing.