

Services



JM Coull, Inc. is a construction management, design-build, and general contracting firm specializing in new construction and renovation projects for our clients throughout New England. We have been providing solutions to our customers' building needs since 1984, bringing a focus on quality, safety, and partnership to each project.

Focus Markets

• Education

- Dormitories*
- Laboratories*
- Lecture Halls*
- Research Facilities*
- Classrooms*
- Cafeterias/Dining Commons*
- Offices & Administrative Spaces*
- Outdoor Spaces*
- Athletic Facilities*

- Life Sciences
- Advanced Technology
- Commercial
- Healthcare
- Institutional

StartSmart® Preconstruction Program

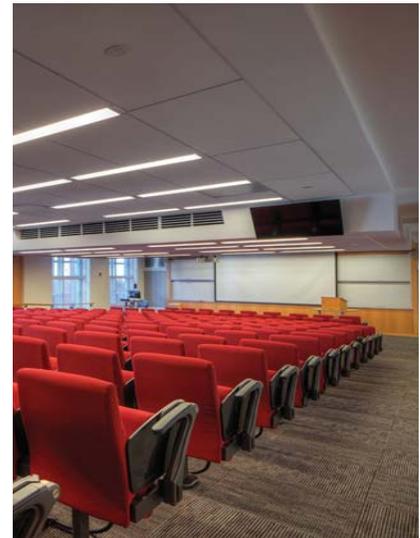
- Project programming
- Constructability consultation
- Site selection and evaluation assistance
- Building selection evaluation assistance
- Design and engineering assist
- Project budgeting and estimating
- Project scheduling
- Value-added engineering

Construction Phase

- Design-build
- Construction management
- General contracting

100% Closeout Program

- Commissioning
- Quality control
- As-built documentation, operations & maintenance manuals
- Owner training
- Project accounting
- Occupancy
- Warranty management and follow up





CAS & Cummington Mall Classroom Renovations

JMC is renovated 16 classrooms in the College of Arts and Sciences (CAS) building and the Cummington Mall.

Project Features:

- * Combined four CAS classrooms into two larger classrooms
- * Renovations to 12 Cummington Mall classrooms
- * New finishes
- * New audio/visual systems featuring “smart” technology
- * Modifications to MEP systems

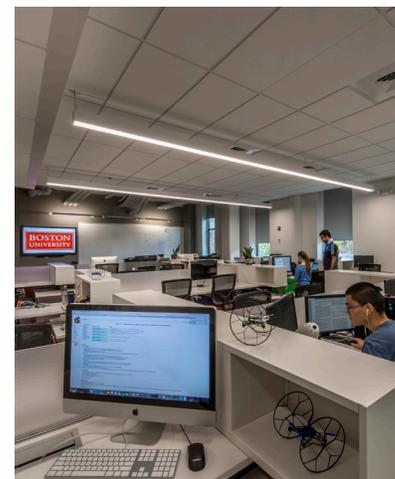
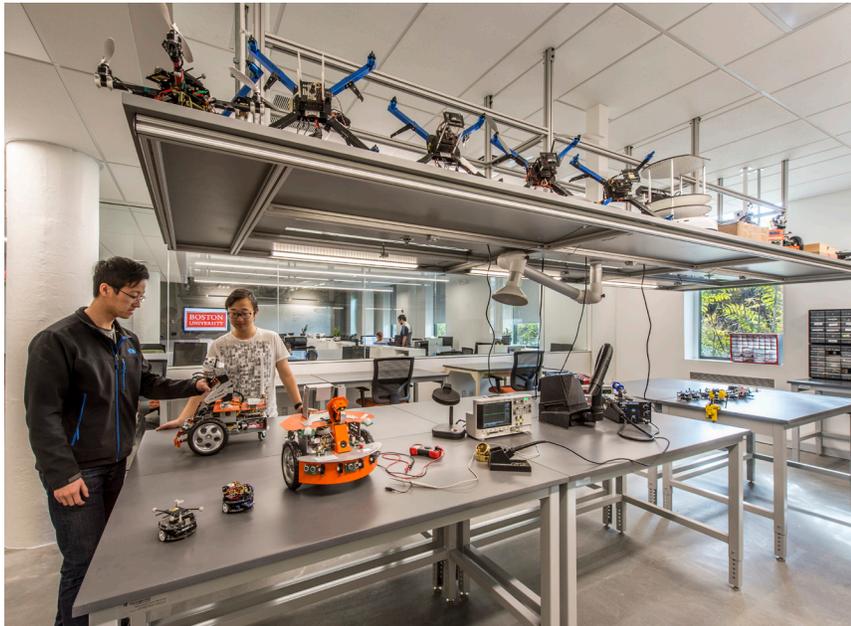
Location: Boston, MA

Value: \$1.2 million

Delivery Method: General Contracting

Architect: ICON Architecture & Boston University





Robotics Laboratory

JMC developed an existing ground-floor-level, vacant space into a new state-of-the-art robotics engineering R&D lab where the BU Robotics Team will design, develop, and test their projects and competition entries.

Project Features:

- * 5,000 sf total
- * 1,000 sf live lab “arena” with netted cage, infrared sensors, and cameras
- * Lab/bench space for equipment and tools
- * Open work space and collaboration areas
- * Conference room
- * Kitchenette
- * Storage space
- * Integrated corridor to match adjacent existing space
- * Fully integrated MEP/IT system, including LED lights, snorkel exhausts, compressed air lines, and video monitoring system

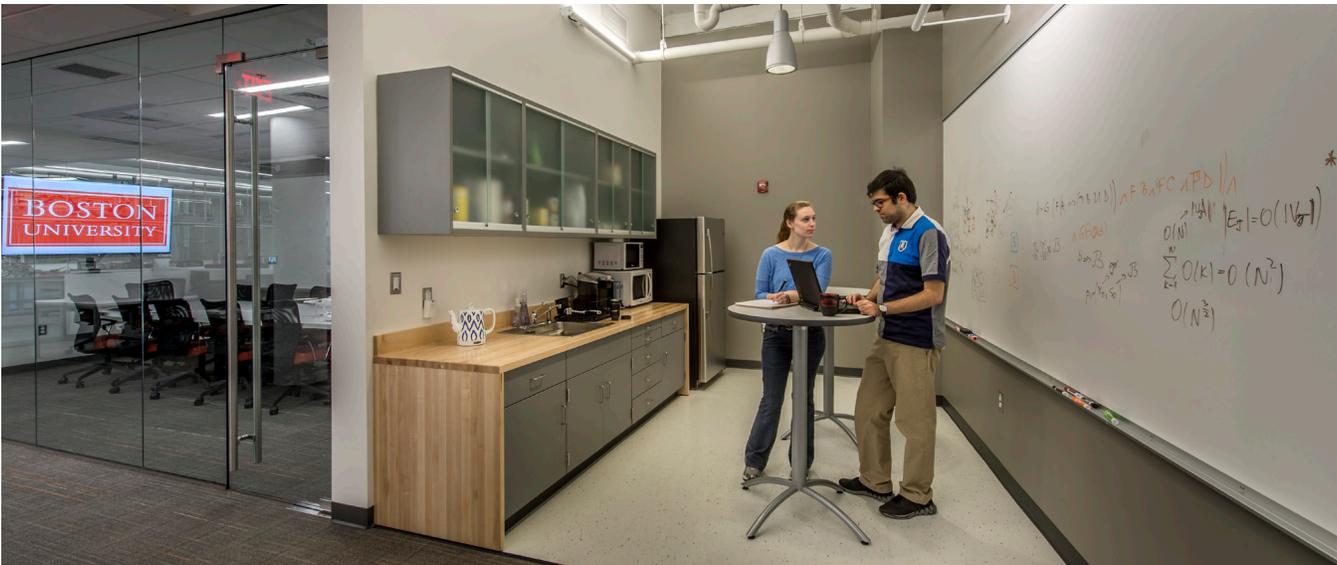
Location: Boston, MA

Delivery Method: General Contracting

Architect: Wilson Architects

“We at Boston University would like to thank you for your excellent work on our Robotics Lab. It was truly a pleasure working with you and your team. The end result is fantastic, and I know our engineering school is proud of the project and our students in the program thoroughly enjoy their new space.”

– Mike Ragusa, Assistant Director of Construction Services, Boston University





Multiple Renovation Projects

Neuromotor Recovery Laboratory (NRL) – Renovated an existing space at the University’s Track & Tennis Center for the new NRL, which is used to conduct neurorehabilitation research. The space includes a treatment room; physical therapy room with a track, instrumented treadmills, and forces plates; offices; and storage facilities.

Biomedical Engineering Lab – Renovated an existing room to create a new biomedical engineering lab. The space includes a wet lab, tissue culture rooms, bench top work spaces, snorkel fume hoods, and laser rooms with equipment shelves.

College of Arts & Sciences (CAS) & Cummington Mall Classrooms Renovated 16 classrooms in the CAS and Cummington Mall buildings. Four classrooms in the CAS building were combined into two large lecture halls, and upgrades were performed in 12 classrooms in the Cummington Mall building.

Robotics Lab – Developed a new 5,000 sf state-of-the-art robotics engineering R&D lab and test arena. The lab, which also includes a kitchenette and collaboration areas, is where students design, develop, and test their projects and competition entries.

Neuronal Dynamics Lab – Remodeled the College of Engineering building’s lower level to accommodate a new neuronal dynamics lab. The scope included a teaching lab, laser rooms with blackout curtains, tissue culture areas, and bench top work spaces.

Antarctic Research Facility – Transformed a penthouse atop an eight-story Boston University building into research space for the Department of Earth Sciences. Renovations were provided to support research by scientists bound for Antarctica.

Mechanics of Slender Structures Lab – Renovated an existing lab for the Mechanical Engineering Department to study the changing shape of rods, plates, and shells. The space, bisected by a new glass wall, includes a metalography/polishing lab, welding and casting area, fumehoods, and administrative areas.

Tissue Microfabrication Lab – Renovated space on the second floor of BU’s College of Engineering Building to create a laboratory for biomedical engineering research. The project included four research labs, six lab support areas, and updated offices.





Mugar Life Sciences Building & Forsyth Building Projects

JMC performed renovations to multiple classrooms, offices, and laboratories in the Mugar Life Sciences Building and Forsyth Building totalling more than 7,300 sf.

Project Features:

- * *Mugar 204A, Choi Lab (670 sf) & Forsyth 226, Mingola Lab (2,400 sf)* – installation of lab piping, new electrical services, and specialty equipment such as fume hoods, gas cabinets, and furnaces
- * *Mugar 222, Zhang Lab (1,300 sf)* – complete renovations to support polymer chemistry and nanobiotechnology research
- * *Mugar Lecture Room 201 (1,700 sf)* – upgrades to 187-seat lecture hall, corridors, offices, and extensive HVAC upgrades
- * *Forsyth Engineering Offices (3,700 sf)* – complete renovation of existing labs to create office space for engineering department



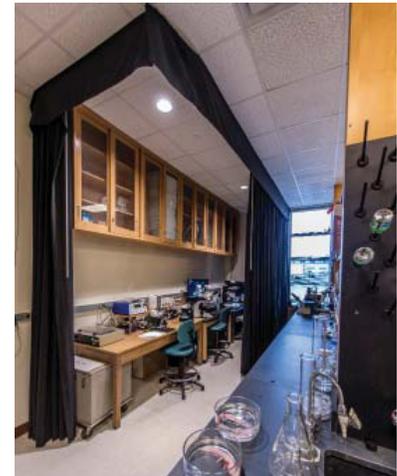
Location: Boston, MA

Value: \$2.1 million

Size: 7,370 sf

Delivery Method: General Contracting

Architect: Wilson Architects



Mugar Life Science Building

The Mugar Life Sciences Building is home to the Psychology, Biology, and Chemical Engineering Departments, as well as the College of Pharmacy that houses numerous laboratories and classrooms. JM Coull completed multiple projects within this occupied building while keeping the facility accessible throughout construction.

Project Features:

- * *Monaghan Lab* – new space for Axolotl Salamander research and care facility for study of tissue regeneration
- * *College of Science Student Center Services* – advising suite updates, including advisors' offices, help desk, reception area, and study room
- * *Biological Systems Engineering & Microfluidics Lab* – 702 sf renovation for lab for designing microfluidic devices for applications in clinical diagnostics & regenerative medicine
- * *Aggen Lab* – demolition and updates to 1,320 sf of existing lab space that connects two rooms

Location: Boston, MA

Value: \$1.65 million

Size: 8,000 sf

Delivery Method: Design-Build & General Contracting

Architect: Northeastern University





Ell Hall Renovations

JM Coull renovated areas on the third floor of Ell Hall into space for graduate students and visiting faculty at Northeastern University.

Project Features:

- * 6,400 sf total
- * Two classrooms
- * Open office area
- * Meeting room
- * Conference room
- * Kitchenette
- * Mechanical room
- * Elevator lobby & corridor
- * Project performed above mosque, requiring work to be coordinated around facility's prayer times (twice a day)

Location: Boston, MA

Size: 6,400 sf

Delivery Method: Design-Build, General Contracting

Architect: Miller Dyer Spears





Lifespan Emotional Development Laboratory

JMC constructed the Lifespan Emotional Development Laboratory (LEDlab) to accommodate the research of an incoming psychology professor at Northeastern University.

Project Features:

- * Reception area
- * Open work space
- * Testing rooms
- * Eye tracking technology
- * Strict acoustical requirements
- * Work performed during evenings to accommodate operations in adjacent spaces and offices/labs above and below LEDlab
- * Project completed on aggressive schedule within an active, occupied academic building

Location: Boston, MA

Delivery Method: General Contracting

Architect: Wilson Architects

"I'm writing to thank you and your team for your expert work in constructing the state-of-the-art Lifespan Emotional Development lab (LEDlab) for our newest faculty member in the Psychology Department, Dr. Derek Isaacowitz. Your team was mindful of the needs of others in the department as the construction process unfolded and was flexible in terms of scheduling specific aspects of the project so as to impact our ongoing research and teaching as little as possible. We now have a highly functional new laboratory in a key area of research – and a happy new faculty member."
– Joanne Miller, PhD, Psychology Department Chair, Northeastern University



New Fine Arts Center & Gymnasium

JMC, along with Dixon Salo Architects, is constructing Whitinsville Christian School's new 33,000 sf fine arts center and gymnasium. The multi-phase project is scheduled for completion in 2017.

Project Features:

- * 33,000 sf total
- * Extensive site clearing
- * Existing gas service extension
- * Performing arts theater – stage, seating, curtains, lighting system, audiovisual system
- * Gym – bleachers, basketball court, scoreboard, athletic equipment, training room
- * Lobby (joins theater and gym) – concession area and trophy display case
- * 10,000 sf addition with enclosed connection bridge
- * Patio, ramp, handicap parking, new road, and sidewalks
- * Three-phase design-build construction

Location: Whitinsville, MA

Project Value: \$12.6 million

Size: 33,000 sf

Delivery Method: Design-Build

Architect: Dixon Salo Architects

Consultants: Nextstage Design, Acentech Studio A





Business Office Relocation

Groton School hired JMC to perform multiple renovations in support of its business office relocation. The renovations moved the business office from the Schoolhouse to Hundred House, a space previously occupied by the library.

Project Features:

- * 2,800 sf total
- * Reception/waiting area
- * Private offices
- * Common areas
- * Extensive millwork
- * Performed on occupied campus

Location: Groton, MA

Size: 2,800 sf

Services: Building Construction

Architect: PRA Architects





Smith Hall Renovations

JM Coull transformed a former dormitory on the UNH campus into office space for several departments. The new space houses the Admissions Department, Counseling Center, the Center for Academic Resources, and Disability Services for Students.

Project Features:

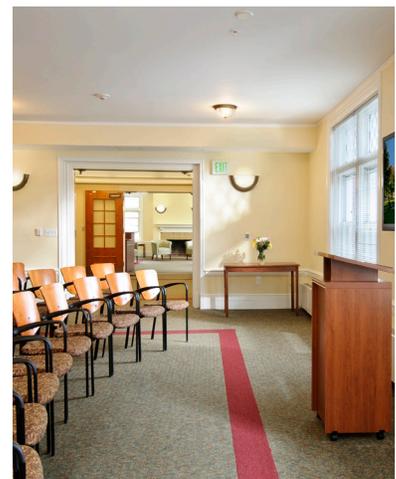
- * Office suite
- * Conference rooms
- * Presentation room
- * Reception area
- * Improved energy efficiency (digital controls, upgraded light fixtures)
- * Fire protection system upgrades
- * Air-conditioning provisions

Location: Durham, NH

Size: 27,500 sf

Delivery Method: Construction Management at Risk

Architect: Warren Street Architects





Gables Apartment Renovations

JM Coull renovated 101 apartments in the Gables A, B and C apartment buildings as a “summer slammer” project. JMC updated kitchens, entry closets, common rooms, bedrooms, vanities, showers, toilets, and interior corridors as well as the main hallway on each floor.

Project Features:

- * 3 buildings comprising 101 suites with 1,134 total rooms
- * 54,000 total man hours
- * 1,440 gallons of paint used
- * 63 windows removed and installed
- * 350 workers (at a minimum) involved
- * 1,599 cabinets installed
- * 153,990 sf carpet/tile/VCT installed
- * 14,850 countertops and sill installed
- * All work completed in just 68 days

Location: Durham, NH

Contract Amount: \$6.7 million

Size: 101 apartments

Delivery Method: Construction Management at Risk

Architect/Engineer: Harriman Architects and Engineers





Advanced Technology Imaging Facility

JM Coull completed construction of UNH's Advanced Technology Imaging Facility, which included the relocation of the Zeiss 922 transmission electron microscope to Parsons Hall. The existing lab in Parsons Hall was renovated to accommodate students' research with the microscope.

Project Features:

- * Demo & reconstruction of existing storefront and stairwell
- * New partitions
- * Relocation of existing fume hood
- * New mechanical system & controls upgrades
- * Process piping (involved underground trenching from adjacent building utilities)
- * Exposed, painted overhead piping
- * "Cloud" acoustical ceiling tiles

Location: Durham, NH

Delivery Method: Construction Management at Risk

Architect: Port City Architects

Engineer: Allied Engineering





Housing Renovations

JM Coull completed renovations to six Smith College residence halls under this “summer slammer” project.

Project Features:

- * Upgraded student rooms
- * Renovated dining facilities
- * Updated common areas
- * Remodeled bathrooms
- * New kitchenette
- * Fast-track schedule

Location: Northampton, MA

Value: \$1.3 million

Delivery Method: Design-Build

Architect: J. Ferrera Associates



“JM Coull’s construction team worked tirelessly to bring our student housing upgrades to completion on time and under budget. Thank you!”
– Karla Youngblood, Project Manager, Smith College



Higgins Shiau Lab Renovations

JMC renovated Boston College's Shiau Lab in Higgins Hall to accommodate the zebrafish research of Professor Celia Shiau.

Project Features:

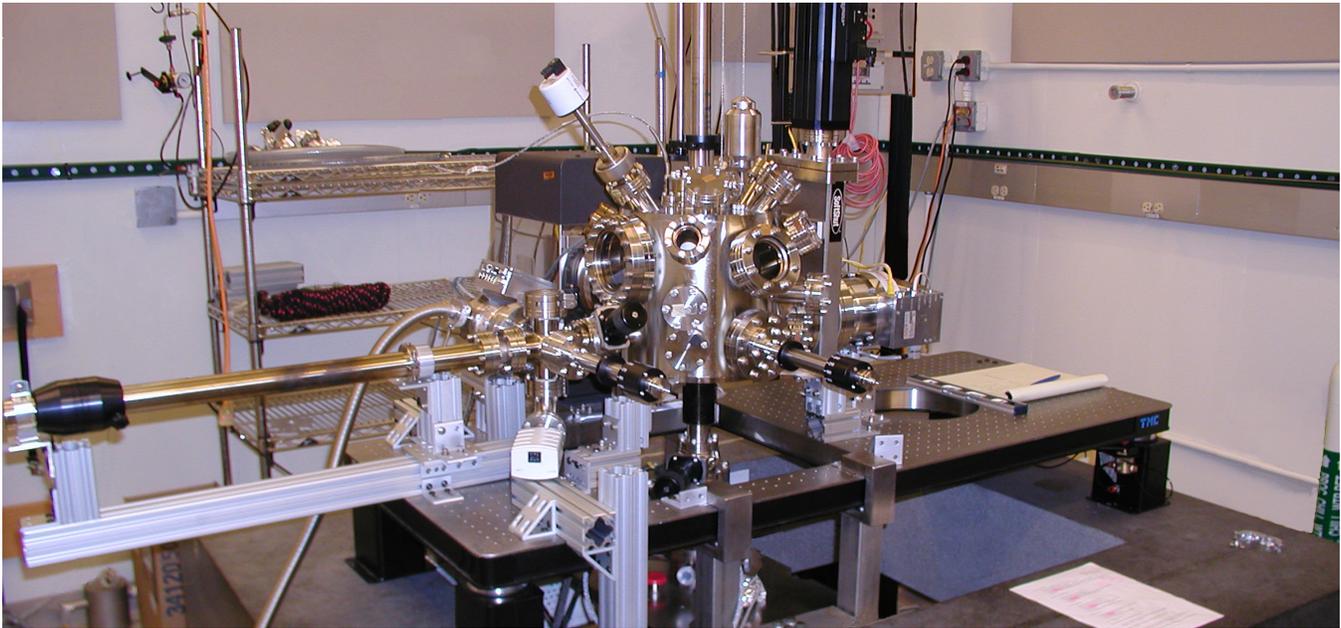
- * Select demolition
- * MEP & architectural upgrades
- * New finishes
- * Fit-out for installation of new fish tanks
- * Work performed in two rooms on building's first floor
- * Lab renovation on third floor
- * Extensive coordination with facility's lab manger
- * Significant dust and noise control measures to protect fish

Location: Chestnut Hill, MA

Size: 1,600 sf

Delivery Method: General Contracting

Architect: Boston College Capital Projects Management



Helium Recovery System

JMC installed a helium recovery system in Boston College's scanning tunneling microscopy laboratory, which is used in the college's physics research. Helium is used in creating and maintaining the extremely low temperature environment that enables the experiments.

Project Features:

- * New equipment for gas recovery system
- * Associated piping and electrical and HVAC upgrades
- * Architectural modifications
- * Performed on fast-tracked, summer schedule
- * Resulted in recovery of 80-90 percent of "waste" helium and approximately \$5,000 in monthly savings to BC

Location: Chestnut Hill, MA

Delivery Method: General Contracting

Architect: Wilson Architects

"The technical expertise that JM Coull brought was a real asset on this job. We were in a hurry to get this system up and running so we could begin saving money on helium. JMC did the work quickly and efficiently."
– Dan Diorio, Engineering Project Manager, Boston College



Campus Improvements

JM Coull served as construction manager for a number of projects at Concord Academy, which is located in the heart of historic Concord. This independent college preparatory school sought to upgrade various spaces throughout its campus.

Project Features:

- * “Bride’s House” - renovated to accommodate school’s administrative offices
- * Headmaster’s House renovations
- * Student center expansion and renovation

Location: Concord, MA

Delivery Method: Construction Management at Risk





Building Construction/Activity Space

JM Coull constructed an athletic facility on The Bridge Center's property for indoor sports and recreation programs. The organization provides therapeutic recreation and equine-assisted therapy for children with disabilities, and encourages independence and seeks to improve participants' quality of life.



Project Features:

- * 28,000 sf total
- * Open recreation space
- * Dance room
- * Sensory spaces
- * Basketball court

Location: Bridgewater, MA

Size: 28,000 sf

Delivery Method: General Contracting