

Buildings and Research Centers
College of Natural Sciences, University of Massachusetts Amherst

The College of Natural Sciences (CNS) at the University of Massachusetts consists of 13 departments and two schools: Astronomy, Biochemistry and Molecular Biology, Biology, Chemistry, Environmental Conservation, Food Science, Geosciences, Mathematics and Statistics, Microbiology, Physics, Polymer Science and Engineering, Psychological and Brain Sciences, School of Earth and Sustainability, Stockbridge School of Agriculture, and Veterinary and Animal Sciences.

The main UMass Amherst campus is located on 1,450 acres. The College of Natural Sciences (CNS) is housed in 18 buildings on the main campus (see attached map). These 18 buildings on the main campus are the primary sites for the academic and translation science work being done in CNS by faculty, postdoctoral students, graduate students, and undergraduates. They include research labs, classroom spaces, technology laboratories, and other research sites for faculty, students, and staff.

Students and faculty also have access to other non-science buildings on campus including the athletic center, library, tennis courts, gymnasiums, track facilities, walking and biking trails, outdoor sports fields, and off-campus research centers.

Off campus, CNS also operates a number of orchards, agricultural sites, a turf facility, the Hodgkins Cove Marine Station, the Cranberry Experiment Station, and more than 2,000 acres in five forests across the state.

Recently completed projects include the creation of the Integrated Sciences Building and the Life Sciences Laboratory, which has been awarded LEED gold certification. Paige Lab received a complete building renovation and we've just completed a major renovation of space in Morrill Laboratory to house our Plant Biology Program. Currently under construction the Physical Science Building and the Design Building.

The Integrated Sciences Building is a 157,000 square foot modern building that uses 85,00 square feet for classroom and laboratory space for basic and advanced courses in chemistry, biochemistry, veterinary and animal science and biology. It also contains a 300 seat auditorium, and flexible research laboratories for life sciences research teams. Special features include an interactive molecular playground in the lobby, distance learning capacity, student lounge, study areas, socializing space, and a café.

The Life Sciences Laboratories building, which opened in 2013, contains flexible open labs. These flexible open labs offer equipment alcoves, enclosed support labs, shared 3platform labs and faculty offices, labs, conference rooms, colloquia, and food serving areas.

The north wing of the LSL houses 32 faculty labs. The south wing of the LSL, is expected to be completed in early 2016, will become the permanent home to the interdisciplinary, entrepreneurial, and collaborative Institute of Applied Life Sciences (IALS). IALS is the umbrella organization for nearly 100 faculty, staff, and students from three colleges and 16 departments who conduct research and receive practical education and training through the institute and its three life sciences centers: the Center for Bioactive Delivery, the Models to Medicine Center (M2M), and the Center for Personalized Health Monitoring (CPHM).

Currently under construction, the Physical Science Building is seeking LEED Silver certification. The project will provide labs, lab support, and office for 20 faculty and approximately 130 bench positions. The building's 44,255 square feet will include lab and lab support space, offices, conference space, and building support. The current phase of construction covers preliminary utility construction and upgrades. The final construction phase, with an expected completion date of early 2018, includes construction of the PSB as well as reconstruction and rehabilitation of the existing West Experiment Station lab and work on the Lederle Graduate Research Tower.

Also under construction and expected to open its doors in the spring of 2017 is the Design Building (DB, a four-story, 87,200 sf building located on the southern part of parking lot 62 just north of the Studio Arts Building. It will house three academic programs from three separate colleges in a single facility: Landscape Architecture and Regional Planning (College of Social and Behavioral Sciences), the department of Architecture (College of Humanities and Fine Arts), and the Building Construction Technology program (College of Natural Sciences). The DB will integrate the latest wood technologies including a structural system consisting of exposed heavy engineered timber and cross laminated timber decking and shear walls.

The College of Natural Sciences operates the following research centers:

- [Amherst Center for Fundamental Interactions](#) advances research in theoretical and experimental physics at the interface of the Energy, Intensity, and Cosmic frontiers.
- [Center for Agriculture, Food and the Environment](#) connects individuals, industries, and government agencies with scientists and educators, and provides access to all agricultural expertise on campus.
- [Center for Applied Mathematics and Mathematical Computation](#) engages faculty and students in research and instruction in applied mathematics and scientific computation.
- [Center for Biological Physics](#) facilitates interactions between physicists and life scientists and to engender physically sophisticated research on biological systems.
- [Center for Geometry, Analysis, Numerics and Graphics \(GANG\)](#) enables differential Geometry research team to compute, visualize, and experiment with geometric objects.
- [Center for Hierarchical Manufacturing \(NSEC\)](#) develops nanostructured materials to manufacture next-generation devices that enhance information processing, energy conversion, and human health.
- [Center for Neuroendocrine Studies](#) conducts research on the relationships among hormones, the brain, physiology, and behavior.
- [Center for Research on Families](#) supports natural, social and behavioral sciences research on issues relevant to families.
- [Climate Systems Research Center](#) performs research relating to global climate change.
- [Energy Frontier Research Center \(EFRC\)](#) combines expertise in polymer science, engineering, materials chemistry, and physics to create polymer-based materials for harvesting solar energy.
- [Experimental Farms](#) (totaling over 620 acres)
 - [Cold Spring Orchard Research and Education Center](#)
 - [Agronomy and Vegetable Research and Education Farm, South Deerfield](#)
 - [Hadley Farm Equine, Livestock, and Education Center](#)
 - [Joseph Troll Turf Research Center](#)
 - [UMass Cranberry Station](#)
- [Fergus M. Clydesdale Center for Foods for Health and Wellness](#) brings together scientists, educators, government agencies, and industry to identify solutions to food-related health issues.
- [Forest Properties](#) (totaling over 2,000 acres) Adams Brook Forest; Cadwell Memorial Forest; Knight-Sabin Forest; Savage Hill Forest; Mt. Toby Forest.
- [Fueling the Future Center for Chemical Innovation \(CCI\)](#) addresses research on fundamental aspects of proton transport to design better fuel cell membranes.
- [The Institute for Applied Life Sciences \(IALS\)](#) provides interdisciplinary, entrepreneurial, and collaborative research through its three life sciences centers:
 - [Center for Bioactive Delivery](#)
 - [Models to Medicine Center \(M2M\)](#)
 - [Center for Personalized Health Monitoring \(CPHM\)](#)
- [The Institute for Massachusetts Biofuel Research \(TIMBR\)](#) develops cost-effective technologies for producing ethanol, alternative fuels, and value-added materials from biomass.
- [Large Millimeter Telescope \(LMT\)](#) enables dramatic scientific advances in many areas of astronomy using the world's largest single dish telescope operating at millimeter wavelengths; a collaboration between UMass Amherst and Mexico.
- [Massachusetts Agricultural Experiment Station](#) administers and distributes Federal Experiment Station funds.
- [Massachusetts Center for Renewable Science and Technology \(MassCREST\)](#) focuses on research for efficient solar and fuel cells, produces hydrogen from water, and converts biomass to hydrocarbon fuel and biofuels.
- [Materials Research Science and Engineering Center \(MRSEC\)](#) focuses on interdisciplinary education and research in polymer science.
- [Northeast Climate Science Center](#), housed at UMass Amherst, is a consortium of [seven institutions](#) across the Northeast Region (as defined by the USGS), each contributing significant and unique expertise to the Northeast Region's climate challenge.
- [Water Resource Resource Center](#) supports interdisciplinary research, education, and outreach efforts on water resources issues of state, regional, and national importance.

UMASS AMHERST

GENERAL LOCATION CAMPUS MAP

JANUARY 2014
printed twice a year with updates

For the more detailed campus map, please visit:
<https://go.umass.edu/map/>
Robsham Memorial Visitors Center - (413) 545-0306

Map Key

- 0 500 1,000 Feet
- 31 Numbered Parking Lots
- Metered/Public Parking
- PVT Bus Stops
- Traffic Lights



To Rt. 116, Rt. 9, I-91
Hadley Equestrian Farm
Continuing Education
University Without Walls

To Telecom,
UMass Outreach &
UMass Extension at
101 University Drive

UPDATED BY
**UMASS
AMHERST**
PRINT SERVICES

UMassAmherst - General Location Campus Map - Building Index

Agricultural Engineering Bldgs.	B3	PKP- Phi Kappa Phi	D5	Mullins Practice Rink	A3
Alfond	C4	PSK - Phi Sigma Kappa	D4	Munson	C4
Alumni Stadium	A6	SDT - Sigma Delta Tau	D5	Munson Annex	C4
Apiary Building	D4	SK - Sigma Kappa	D5	NACBP-New Acad.Bldg.Project	C3
Army ROTC Bldg.	B5	SPE - Sigma Phi Epsilon	E2	New Africa	D4
Arnold	C2	TC - Theta Chi	D4	Newman Center	D4
Astronomy Bldg.	B2	French	D3	North Residential Area	C1, C2
Athletic Fields	A4	Furcolo	C1	North Village Apartments	C1
Auxiliary Services Warehouse	A2	Garber Field	B4	Northeast Residential Area	C2
Baker	D3	George N. Parks Marching Band Bldg	B3-4	Oak	B4
Bartlett	C4	Goessmann	C3	Observatory	D2
Berkshire	B5	Goodell	B4	Old Chapel	C4
Berkshire Dining	B5	Gordon	D5	Orchard Hill Residential Area	E3
Birch	B4	Gorman	D4	Paige	B2
Blaisdell	B3	Grass Roots Daycare	A6	Parking Garage	B3
Bowditch Hall	B3	Grayson	E3	Parking Office	A3
Bowditch Lodge	A6	Greenough	E3	Patterson	C7
Bowditch Greenhouses	B3	Grinnell Arena	B4	Photo Laboratory	B3
Bowker Auditorium (Stockbridge)	B3	Gunness Engineering	B2	Physical Plant	B3
Boyden	B4	Hadley Equestrian Farm	A5	Pierpont	B6
Brett	D3	Haigis Mall	C4	Police	B4
Brooks	D3	Hamlin	C2	Prince	B5
Brown	D1	Hampden Dining	B5	PVTA Bus Garage	B2
Butterfield	E4	Hampshire Dining	C6	Recreation Center	B4
Campus Center	C3	Hampshire	C5	Renaissance Center	E1
Campus Center Parking Garage	C4	Hasbrouck	C3	Research Administration	D4
Campus Pond	C3	Hatch	B3	Robotics	B2
Cance	B6	Health Center	D3	Robsham Visitors Center	C5
Cashin	D1	Herter	C4	Rudd Field (Soccer)	A5
Central Heating Plant	A3	Hicks Physical Education	C4	Shade Tree Laboratory	D3
Central Residential Area	D3	Hillel	D5	Skinner	C3
Central Stores (Physical Plant)	B3	Hills	D4	Softball Complex	A5
Chabad	C5	Holdsworth	B3	South College	B3
Chadbourne	E4	Hotel	C3	Southwest Residential Area	B5
Chancellor's House	D3	Integrated Science Building	C3	Stockbridge	B3
Chenoweth	B3	Intermed. Processing Fac. (IPF)	E1	Student Union	C3
Clark	D4	Isenberg School of Management	C4	Studio Arts Building	D4
Cold Storage Bldg.	B3	John Adams	B5	Sycamore	B4
Comwlth Honors Res Complex	B4	John Q. Adams	B5	Sylvan Residential Area	D2
Communications Disorders	D5	James	B5	Telecommunications Office	B6
Computer Science Bldg.	B2	Johnson	C2	Tennis Courts	A4
Conte Polymer Research Center	C2	Kennedy	B5	Textbook Annex	B3
Continuing Education	A5	Knowlton	C2	Thatcher	D2
Coolidge	B5	Knowles	B3	Thayer	B2
Crabtree	C2	Leach	C2	Thompson	B3
Crampton	B5	Lederle Graduate Research Ctr.	C2	Thoreau	B5
Dickinson Hall	B4	Lewis	D2	Tillson Farm	E1
Dickinson House	D3	Library, Du Bois	C3	Tobin	B4
Draper	C3	Life Science Lab	C-D3	Totman	C2
Du Bois Library	C3	Lincoln Apartments	C5	Track and Field	A5
Duda	B2	Lincoln Campus Center	C3	Transit Facility	B2
Durfee Conservatory and Garden	D3	Linden	B4	UMass Police Department	E1
Dwight	C2	Lorden Field (Baseball)	A3	University Club	D3
East Experiment Station	C3	Lyon	C2	University Extension	B6
Elm	B4	Machmer	B3	University Health Center	D3
Emerson	B5	Mackimmie	B5	University Outreach	B6
Engineering Laboratory	B2	Mahar Auditorium	C4	University Press (E. Exp. Station)	C3
Engineering Laboratory 2	B2	Maple	B4	University Without Walls	A5
Farley Lodge	A6	Marcus	C2	Van Meter	E3
Fernald	D4	Marston	B2	Visitors Center	C5
Field	E3	Mather	E2	Washington	B6
Fine Arts Center	C4	McNamara	D1	Webster	E3
Flint Laboratory	B3	Memorial Hall	C4	West Experiment Station	C2
Forest & Parks Buildings	A2	Melville	B5	Wheeler	D4
Franklin Dining	D4	Middlesex	C4	Whitmore Administration Bldg.	C4
Fraternities & Sororities		Mobile Classrooms	C2	Wilder	D3
ACO - Alpha Chi Omega	C5	Montague	C1	Worcester Dining	C2
CO - Chi Omega	E2	Moore	B5	Wysocki	C1
DU - Delta Upsilon	C2	Morrill Science Center	C3		
IGU - Iota Gamma Upsilon	D5	Mullins Center	A3		
KKG - Kappa Kappa Gamma	C5				