AMHERST CENTER for FUNDAMENTAL INTERACTIONS
Advances research in theoretical and experimental physics at the interface of the Energy, Intensity, and Cosmic frontiers.

CENTER for APPLIED MATHEMATICS and MATHEMATICAL COMPUTATION
Focuses on research and education in applied and computational mathematics.

CENTER for BIOEVOLUTIONARY MATERIALS
Focuses on evolutionary materials research and education.

CENTER for HIERARCHICAL MANUFACTURING
Develops nanostructured materials for next-generation devices for information processing, energy conversion, and human health.

CENTER for NEUROENDOCRINE STUDIES
Researches the relationships between the brain and hormones, physiology, and behavior.

CENTER for RESEARCH on FAMILIES
Supports natural, social, and behavioral sciences research on issues relevant to families.

CLIMATE SYSTEM RESEARCH CENTER
Studies the climate system, climatic variability, and global change, spanning contemporary to paleoclimatic and paleoenvironmental changes.

ENERGY FRONTIER RESEARCH CENTER
Interdisciplinary approach to creating polymer-based materials to harvest solar energy.

ENVIRONMENTAL BIOTECHNOLOGY CENTER
Develops sustainable technologies for microbial production of fuels and other commodities and for the bioremediation of contaminated environments.

FERGUS M. CLYDESDALE CENTER for FOODS for HEALTH and WELLNESS
Unites scientists, government agencies, and industry to identify solutions to food-related health issues.

FUELING the FUTURE CENTER for CHEMICAL INNOVATION
Researches fundamental aspects of proton transport to design better fuel-cell membranes.

INSTITUTE for MASSACHUSETTS BIOFUEL RESEARCH
Develops cost-effective technologies to produce ethanol and other alternative fuels from biomass.

LARGE MILLIMETER TELESCOPE
A collaboration between UMass Amherst and Mexico; collects data from distant galaxies using the world's largest single-dish telescope operating at millimeter wavelengths.

LARGE PELAGICS RESEARCH CENTER
Conducts biological and ecological research in partnership with the Massachusetts Division of Marine Fisheries.

MASSACHUSETTS CENTER for RENEWABLE SCIENCE and TECHNOLOGY
Researches efficient solar and fuel cells, produces hydrogen from water, and converts biomass to fuels.

MATERIALS RESEARCH SCIENCE and ENGINEERING CENTER
Focuses on interdisciplinary education and research in polymer science.

NORTHEAST CLIMATE SCIENCE CENTER
A collaboration of seven institutions that provides climate science tools and information for natural and cultural resource managers across the Northeast United States.

RESEARCH FORESTS
More than 2,000 acres in five forests.

WATER RESOURCES RESEARCH CENTER
Supports interdisciplinary research, education, and outreach efforts on water resources issues of state, regional, and national importance.