Important medicinal compounds are found in certain plants—the greenhouse at the Biology Department houses plants used for research and teaching.

Success Stories

In the past 10 years, most graduates of the Department of Biological Sciences have either continued their graduate studies or have attended a health professional school. Some have found jobs as laboratory technicians, research assistants, and elementary or secondary school science teachers, and college professors. Those that chose to continue their graduate studies were accepted at some of the best universities and colleges in the nation such as Harvard University, Yale University, Cornell University, Michigan State University, and Albert Einstein College of Medicine. Graduates of the Department have also attended top health professional schools such as College of Physicians and Surgeons at Columbia University, School of Medicine at Georgetown University, Albert Einstein College of Medicine, School of Dentistry at New York University, School of Pharmacy at Long Island University, Physician Assistant Programs at the City College, and Morehouse School of Medicine.

Where do I go to get more information?

Lehman College, Biology Department
Biology@lehman.cuny.edu

Job Search
http://sciencecareers.sciencemag.org/
www.nature.com/naturejobs

Q What is biology and who is a biologist?

A Biology is the study of life. All living organisms, including humans share common features. We are all made up of cells that can grow and multiply. A cell in our body has many similarities to a cell in a mouse or a plant. Inside all cells is a molecule called DNA. The information that determines who we are or what features we have is encoded in the subunits that make up the DNA molecule. Biologists are students of life. They are scientists who study humans, animals or plants and the environment in which they live. Since life is complex, biologists become specialized to study living beings at various levels of organization. Biologists may choose to focus on a range of top-

Faculty
Dr. Gabriel O. Aisemberg: Genes that control the development of nerve cells in embryos
Dr. Maryam Basmash-Alavi: Brain regulation of parental bonding
Dr. Dominick V. Basile (Professor Emeritus): Using plant tissue cultures as an alternative source of therapeutic drugs
Dr. Hai-Ping Cheng: Molecular signaling between microbes and plants
Dr. Judith M. Fitzgerald: Urban forest ecology and geology of New York City
Dr. Edward L. Jarroll: Biochemistry and drug therapy of medically important parasitic protozoa
Dr. Thomas E. Jensen: Cellular regulation of heavy metal deposits and their environmental impact
Dr. Liesl B. Jones: Causes of brain malfunctions in schizophrenia
Dr. Edward J. Kennelly: Phytochemistry and medicinal plants
Dr. Dwight Kincade: Plant ecology
Dr. Martin S. Muntzel: Effects of obesity and blood insulin levels on blood pressure, nerve activity, and cardiovascular diseases
Dr. Joseph W. Rachlin: Biology of freshwater and marine aquatic organisms
Dr. Stephen M. Redenti: Retinal tissue engineering
Dr. Renuka P. Sankaran: Physiological and molecular mechanisms underlying plant mineral nutrition and heavy metal sequestration
Dr. Eleanore T. Wurtzel: Solving global vitamin A deficiency using tools of molecular biology, biotechnology, biochemistry, genomics, and bioinformatics
Dr. Zhi-Liang Zheng: Molecular mechanisms of nutrient balance and water status signaling in plants