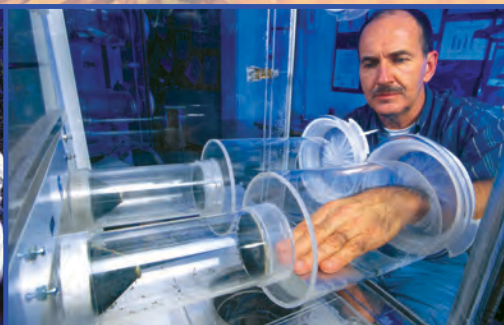


ENTOMOLOGIST





ENTOMOLOGIST

<http://www.fusiongrant.org/educational.php>

Description:

Entomologists use their knowledge of pests and pest management strategies to assist in producing healthy, high yielding, or value-added crops. They help to maintain the growth of animal populations more efficiently, and maintain buildings and structures free of pests that can cause damage or carry disease. They study pest-host interactions, including what attracts pests to certain hosts, and finds solutions to control pest populations.

Median Wage (as of 2005):

\$51,200 (pay ranges \$28,410 to \$91,300)

Level of Education:

B.S., M.S., Ph. D.

Job Outlook (through 2014):

9-17% increase in jobs

Examples of Colleges & Affiliated Programs:

Cornell University – Entomology; Biological Sciences; Natural Resources; Plant Science

Rochester Institute of Technology (RIT) – Biochemistry Environmental Science

SUNY Schools – Biology; Environmental Science; Plant Science

Most State Land Grant Universities (e.g. Ohio State University, Michigan State University, University of California)

Employers:

Colleges & Universities – Cornell University; New York State Agricultural Experiment Station; Cooperative Extension; SUNY College of Environmental Science and Forestry; Purdue University; Penn State University; University of Kentucky; Virginia Tech

Federal and State Governments – USDA; FDA; New York State Department of Agriculture and Markets; Department of Environmental Conservation; National Forest Service; EPA

Private Consulting

Private Sector – 3M; Agway, Inc.; Bell Laboratories; Bayer Crop Science; Chemical Packaging Group; Monsanto; Syngenta; Integrated Pest Management Companies

High School/College Courses to Take:

Biology, Chemistry, Biochemistry, Entomology, Agriculture
English, Oral and Written Communication, History, Humanities
Mathematics – Calculus, Statistics, Biometry
Taxonomy, Physiology, Morphology, Behavior, Pest Management
Computer Science



Cornell University