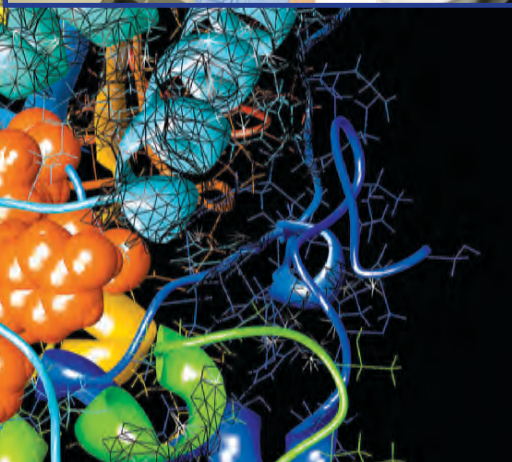


MOLECULAR BIOLOGIST





MOLECULAR BIOLOGIST

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

Description:

A molecular biologist studies genetics and the interactions between cell systems. Some research the interactions between DNA, RNA, and protein synthesis to learn about how cell systems function and the characteristics of certain DNA strands.

Median Wage (as of 2005):

\$60,190

Level of Education:

A.S. or A.A.S., B.S., M.S. (required), Ph.D. (preferred)

Job Outlook (through 2014):

9-17% increase in number of jobs

Examples of Colleges & Affiliated Programs:

Cornell University – Molecular Biology and Genetics; Natural Sciences; Biology; Animal Science; Biological & Environmental Engineering; Evolutionary Biology; Biochemistry

University of Rochester – Biology; Neuroscience; Biomedical Engineering

Rochester Institute of Technology (RIT) – Clinical Chemistry; Biochemistry; Biology; Bioinformatics

Columbia University – Biochemistry; Biology; Environmental Biology; Environmental Chemistry; Biochemistry

Harvard University

Employers:

Local, State and Federal Governments – United States Department of Agriculture; United States Department of Interior; United States Food and Drug Administration; National Institutes of Health; New York State Department of Agriculture & Markets

Private Sector – Invitrogen, Inc.; Cargill, Inc.; Innovex, Inc.; Takeda Pharmaceuticals; Legacy MedSearch; Area Hospitals (James P. Wilmot Cancer Center, Memorial Sloan-Kettering Cancer Center)

Colleges & Universities – New York State Agricultural Experiment Station; Cornell University; University of Rochester; Rochester Institute of Technology (RIT)

High School/College Courses to Take:

Biology

Chemistry

Calculus, Algebra, Statistics

Computer Science



Cornell University