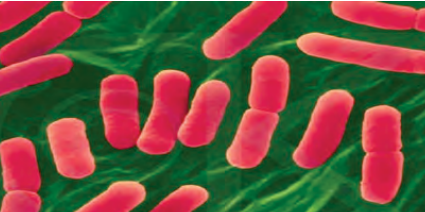


# RESEARCH ASSISTANT BIOCHEMIST





# RESEARCH ASSISTANT BIOCHEMIST

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

## Description:

Typically, a research assistant biochemist studies and researches the chemical composition and processes of living organisms that affect the growth and aging of that organism to determine the chemical actions and effects of foods, drugs, and other substances on the body functions and tissues of that organism.

## Median Wage (as of 2005):

\$63,360

## Level of Education:

A.A.S., B.S., M.S. on-the-job training or Ph.D.

## Examples of Colleges & Affiliated Programs:

**Cornell University** - Chemistry; Biological Sciences; Plant Science; Animal Science; Chemical and Biomolecular Engineering

**Kueka College** - Biology; Chemistry; Mathematics; Physics and Environmental Sciences

**Rochester Institute of Technology (RIT)** - Biochemistry; Biotechnology; Bioinformatics; Chemistry; Environmental Science

## Employers:

**Colleges & Universities** - Cornell University; New York State Agricultural Experiment Station; Rochester Institute of Technology (RIT); University of Rochester; SUNY College of Environmental Science and Forestry

**Federal and State Governments** - USDA; FDA; EPA; United States Fish and Wildlife Service; New York State Department of Agriculture and Markets

**Private Sector** - Elanco Animal Health; Pfizer; Monsanto; Syngenta; Adecco; KForce, Kelly Services

## High School/College Courses to Take:

Chemistry, Organic Chemistry, Biochemistry

Biology, Plant Science, Environmental Science, Animal Science, Genetics, Animal Physiology

Mathematics - Calculus, Statistics, Biometry

Oral and Written Communication

Computer Science

## Related Professions:

Soil scientists, Microbiologists



Cornell University