

BIOLOGY- Career Resource Guide

Sample Career Options

Aquatic Biologist	Study the classification, mode of life, functions, or adaptations of organisms inhabiting the sea.
Biologist	Study living organisms, often in the context of their environment.
Biology Teacher	Instruct courses in biology and other physical sciences to high school and middle school students.
Environmental Specialist	Protect the environment by determining problems and finding solutions used to eliminate hazards that can affect the overall health of the environment or population.
Forensic Scientist/Technologist	Work with police departments and other law enforcement agencies using scientific methods to discover and process evidence that can be used to solve crimes.
Medical Laboratory Technician	Assist physicians in the diagnosis and treatment of diseases by performing tests on tissue, body fluids, and blood.
Microbiologist	Conduct exacting laboratory research combining knowledge of chemistry, physics, biology, and medicine.
Molecular Biologist	Analyze how biological aspects of life forms get passed from generation to generation.
Nutritionist	Advise on matters of food and nutritional impacts on health.
Research Biologist	Study the natural world, using the latest scientific tools and techniques in both laboratory settings and the outdoors, to understand how living systems work.
Zoologist	Study the origin, interrelationships, classification, life histories, habits, diseases, growth and development, genetics and distribution of animals.

Related Job Titles

Biochemist	Entomologist	Microbiologist
Bioinformatician	Environmental Biologist	Molecular Biologist
Biological Science Technician	Fishery Biologist	Mycologist
Biologist	Forensic Biologist	Nutritionist
Biophysicist	Forester	Pathologist
Botanist	Hydrologist	Plant Protection and Quarantine Technician
Computational Biologist	Interdisciplinary Scientist	Wildlife Biologist
Ecologist	Medical Laboratory Technician	Zoologist

Career Information Resources

Vault is a comprehensive career resource that includes industry and profession overviews; rankings and profiles for employers and internship programs; a job and internship database; career articles, blogs and videos; sample resumes, cover letters and interview questions; and over 100 career guides. A selection of the Vault Guides is listed below.

Career Launcher:
Education
Healthcare Providers

Vault Guide to...
Allied Healthcare Careers
Biology and Life Sciences Jobs
Dental Care Jobs
Earth Sciences Jobs
Education Jobs
Environmental Careers
Environmental Science and Conservation Jobs
Healthcare Provider Jobs
Veterinary Medicine and Animal Care Jobs

Vault Career Guide to...
Education: Second Edition
Pharmaceuticals and Biotech

Note: Refer to the CPDC website for a link to Vault as well as the CPDC Tip Sheets and ColonialTRAK job postings.

Associations/Societies

American Institute of Biological Sciences *	www.aibs.org
American Medical Association	www.ama-assn.org
American Physiology Society *	www.the-aps.org
American Society for Biochemistry and Molecular Biology *	www.asbmb.org
American Society for Cell Biology *	www.ascb.org
American Society for Microbiology *	www.asm.org
Bioinformatics Organization *	www.bioinformatics.org
Ecological Society of America *	www.esa.org/esa
Federation of American Societies for Experimental Biology *	www.faseb.org
International Society for Computational Biology *	www.iscb.org
The Botanical Society of America *	www.botany.org

* Contains employment Listings

Career & Employment Websites

Biology Jobs	www.biologyjobs.com
Biospace – Life Science News & Jobs	www.biospace.com
Conservation Job Board	www.conservationjobboard.com
Environmental Career Opportunities	www.ecojobs.com
Environmental Jobs and Careers	www.ecoemploy.com
Jobs in Science	www.jobsinscience.org
Laboratory Jobs	www.laboratoryjobs.com
New Scientist Jobs	www.newscientistjobs.com/jobs
Occupational Outlook Handbook – Life, Physical, and Social Science	www.bls.gov/ooh/life-physical-and-social-science/home.htm
Science Careers from the Journal Science	www.sciencemag.org/careers
Science Jobs.org	www.sciencejobs.org

Note: A helpful list of general job search websites is available on the Internet Tip Sheet at www.rmu.edu/careercenter.

Selected RMU Activities & Organizations

Association of Computing Machinery (Bioinformatics)	Pre-Law Society
Biology Club	Pre-Med Club
National Science Teachers Association	Student Government Association
Office of Engaged Learning & Community Involvement	Student Program Board
PA State Education Association - Student	Students for Environmental Awareness

Bachelor-Level Internship Organizations

Allegheny General Hospital	Life in Motion Chiropractic Center
Animal Rescue League & Wildlife Center	MedExpress Urgent Care
Creek Connections, Allegheny College	Ohio Valley Hospital
Erie Zoological Society	PA Air National Guard- 171st Medical Group
Fern Hollow Nature Center	Pittsburgh Optical
Giant Eagle Pharmacy	Pittsburgh Zoo & PPG Aquarium
Greater Pittsburgh Physical Therapy & Sports Medicine	RMU Environmental Science Department
Heritage Valley Health System	Small Seeds Development
Johns Hopkins Hospital	St. Francis Medical Center
Kenneth Sofranko, DMD	Westmoreland County Coroner's Office

Bachelor-Level Hiring Organizations

AlixRx – Order Entry Technician	Creek Connections – Environmental Science Assistant
Allegheny General Hospital – Lab Processor	Dairy Farmers of America – Quality Assurance Lab
Anne Arundel Medical Center – Physical Therapy Aide	Dr. Jaffe, O'Neill and Lindgren – Medical Assistant
Chester County Hospital – Radiology Scheduler/Registrar	Grove City Medical Center – Medical Records Scanner
Cigna – Customer Service Representative	Passavant Memorial Hospital – Resident Assistant
City of Frederickton, Parks and Trees – Horticulture	Quigley Catholic School – Biology Teacher