

SCIENCE & HEALTH PATHWAY

Do you enjoy biology, chemistry, physics or psychology? Are you interested in cutting-edge technology, researching and solving complex problems, diagnosing and healing people, or working with plants, animals, or other natural resources? If you answered “yes” to any of these questions, then a career in Science and Health might be right for you!

Career Cluster Areas

Agriculture, Food & Natural Resources
Health Science
Scientific Research / Engineering

For more information on these Career Clusters, visit <https://www.pacareerzone.org/clusters>

Northwest PA

(Clarion, Crawford, Erie, Forest, Venango and Warren Counties)

Select High Priority Jobs, Educational Attainment & Average Entry-Level Wages (2023)

Associate's Degree

Respiratory Therapists \$53,230
Dental Hygienists \$58,020
Radiologic Technologists & Technicians \$48,800
Health Info. Technologists & Medical Registrars \$43,780*

Graduate Degree

Clinical & Counseling Psychologists \$52,040
Athletic Trainers \$43,990*
Nurse Practitioners \$99,640*
Physical Therapists \$74,340*



Post - Secondary

Emergency Medical Technicians \$29,350
Paramedics \$38,740
Psychiatric Technicians \$30,800
Licensed Practical & Licensed Vocational Nurses \$43,870
Nursing Assistants \$32,470
Medical Assistants \$33,060

Short- or Moderate Term OJT

Psychiatric Aides \$36,930
Home Health & Personal Care Aides \$25,670*
Pharmacy Technicians \$31,350*

Bachelor's Degree

Registered Nurses \$60,490
Clinical Laboratory Techs \$37,360
Occupational Health & Safety Specialists \$55,960*

*Not on NWPA High Priority Occupations List, but included on the statewide PA In-Demand Occupations List (PA IDOL)
For a list of Top 50 Employers by county, visit <http://bit.ly/Top50Emps>

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This Pathway involves life, physical, and behavioral sciences. In addition, it involves the planning, managing and producing of therapeutic services, diagnostic services, health information and biochemistry research and development. Many of the careers involved with food, fiber, environmental and natural resource systems fall under this pathway.

Are you interested in...

Healthcare environment
Science and medicine
Medical research
Food production
Environment and conservation
Pharmacy
Animals
Physical therapy
Sports and fitness
Information Systems
Radiology

Are you able to...

Pay attention to detail
Use a computer and technology
Work in a lab or medical facility
Apply scientific theory to real problems
Work outdoors
Collect and analyze data
Care for people in need
Work with animals

Do you enjoy...

Helping people
Caring for sick animals
Working outdoors with wildlife
Working on cutting edge research
Working on a team
Contributing to society
Working with numbers
Developing conclusions using data

If you answered "yes" to many of these questions, you might consider a future in one of the occupations listed on the front of this flyer, or below.

Additional PA In-Demand Occupations

Post-Secondary

Massage Therapists
Medical Assistants
Ophthalmic Medical Technicians
And more...

Associate's Degree

Diagnostic Medical Sonographers
Physical Therapist Assistants
Occupational Therapy Assistants
Veterinary Technologists & Technicians
And more...

Bachelor's or Advanced Degree

Occupational Therapists
Veterinarians
Exercise Physiologists
Physicians Assistants
And more...

Education / Training Resources

Adult Basic Education

Northwest Tri-County Intermediate Unit #5:
<https://www.iu5.org/community-services/adult-education>

Post-Secondary Education/Training Options

PA Eligible Training Provider List: <http://bit.ly/PACLETPL>
PA Colleges & Universities: <http://bit.ly/PACollegeandUniv>

To access the full *High Priority Occupations List* and the *PA IDOL* list, visit:
<https://www.nwpajobconnect.org/high-priority-occupations/>

To contact PA CareerLink® Erie County: 1-814-455-9966 (main); 1-814-871-4610 (TTY)
Auxiliary aids and services are available upon request to individuals with disabilities.
Equal Opportunity Employer / Program EO Officer Carrie Symes: 1-814-758-0659 or 711