



Blue Ridge Partnership for Health Science Careers

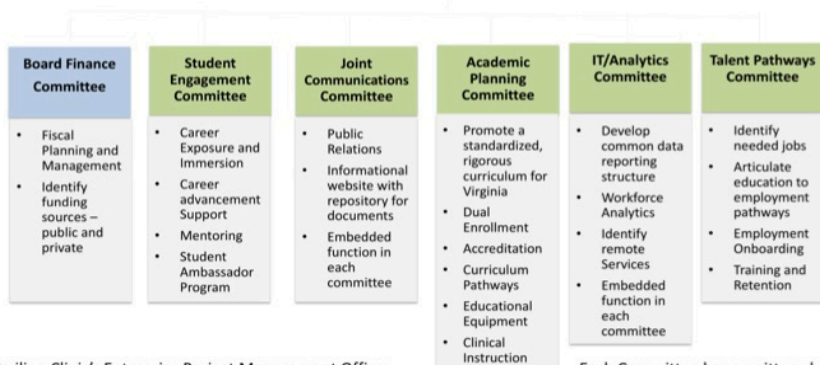


WHO ARE WE?

Formed in 2019 to address the region's need for healthcare and health science workers, the Blue Ridge Partnership for Health Science Careers includes 54+ stakeholders in GO Virginia Region 2 (Roanoke, New River Valley, Alleghany, and Lynchburg). Using a collective impact model, the group supports the health, life sciences, and biotechnology sectors. Carilion Clinic serves as the anchor organization.

Key partners: 3 hospital systems, 5 long-term care providers, 18 school districts, 4 community colleges, 5 universities, 3 post-grad institutions, and 3 economic and 3 workforce development organizations.

Blue Ridge Partnership for Health Science Careers Board of Directors



Carilion Clinic's Enterprise Project Management Office provided support to launch the initiative.

Each Committee has a written charter with clearly defined goals and objectives.

OUR GOALS

- Raising the rigor and aligning Virginia's Health Sciences Education
- Establish a rigorous, standardized K-16 Health Sciences curriculum with stackable degrees and certifications
- Equip students with workplace-ready skills to meet evolving health workforce needs
- Accelerate certifications and degrees in high-need jobs
- Establish a shared appointment model for instructors between employers and schools
- Address employee retention and career advancement
- Reduce barriers to education and training



COLLABORATIVE MODEL

- Allows multi-sector, cross-disciplinary regional teams and state entities to identify and address systemic changes
- Provides a forum to identify opportunities, solve practical problems, break down silos, reduce duplication and improve outcomes
- Aligns statewide data sources to drive decision making, ensuring workforce development meets employer needs and academic priorities, fostering stronger coordination between education and industry



ADDRESSING BARRIERS

Academic Year 2025/26 Focus Areas:

- **Instructor Shortage:** Advocating for policy changes to enable licensure reciprocity and create a bridge program for professionals to teach in both K-12 and postsecondary institutions
- **Enrollment Caps:** Working to align data and employer demand projections to support raising enrollment caps in high-need programs
- **Increase Paid Internships:** Identifying resources for students and demonstrating ROI to employers



Blue Ridge Partnership for Health Science Careers



ACCOMPLISHMENTS

Academic Year 2024/25:

- Over 1,500 student interactions
- Mapped over 80 critical job clusters based on regional needs
- Developed inventory of health, life sciences and biotechnology courses in our region to respond to employer needs
- Launched “My Way on the Health Sciences Highway” podcast, highlighting career pathway opportunities featuring both professionals and students



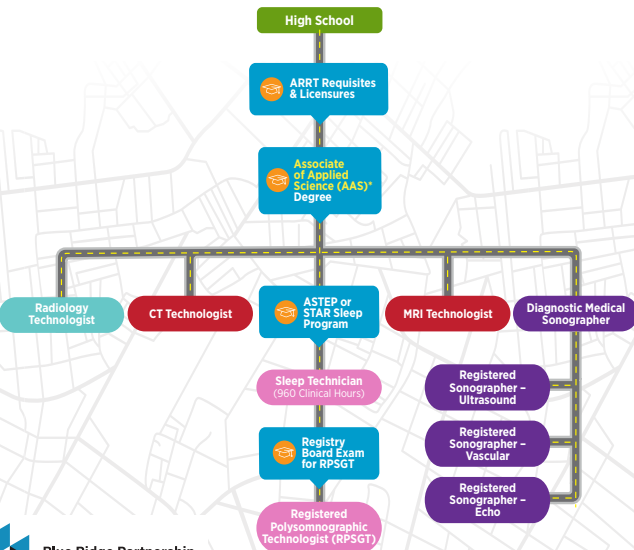
CAREER MAPS

Pursuing a career in the health, life sciences and biotechnology sector provides many opportunities. We approach education and career advancement as a highway – with on and off ramps – rather than a linear path start to finish. We’ve developed, and continue to develop, career pathway maps that are designed to help people look beyond a single job and visualize an entire career through a variety of paths. These career pathways also assist with seeing job progression and advancement, while showcasing how different roles are connected in the industry.

Start Your Career Path in Medical Imaging



Professionals in the field of imaging are trained to operate diagnostic equipment. This important role provides the healthcare team with information through images, which show the presence and extent of an injury, disease or impairment. The imaging team is key in providing valuable details that assist with treatment decisions. This rewarding career offers opportunities for specialization and paths that focus on research. *Remember, no career path is the same. For the most up-to-date information, contact the school or business.*



= Certification Required = Education Required = Fee Payment Required

Reach out to a counselor at your high school, local community college, or four-year college or university. For more information, visit: virginiahealthcareers.org

Starting your medical imaging career journey in high school?

Visit virginiahealthcareers.org/core-curriculum to learn more.

Sonography Programs**

Salary Range: \$63k – \$95k

Associate of Applied Science Degree (AAS)

ECPI (East Coast Polytechnic Institute)

SOVAH School of Health Professions at

Roanoke Higher Education Center

CT Technology Programs**

Salary Range: \$57k – \$86k

Associate of Applied Science Degree (AAS)

Central Virginia Community College

Southside Virginia Community College

Virginia Western Community College

Radiologic Technologist Programs**

Salary Range: \$48k – \$80k

Associate of Applied Science Degree (AAS)

Central Virginia Community College

Southside Virginia Community College

Virginia Western Community College

Sleep Technologist Programs**

Salary Range: \$48k – \$80k

Currently Only Online Courses Available

www.brpt.org/learn/star-program

www.brpt.org/learn/formal-accredited-programs

Interested in Research Positions in the Field of Imaging?

Bachelor of Science in Biology or Engineering

Microscopy Assistant

Microscopy Scientist

Field Application Specialist,

Cellular Imaging and Analysis

Computer Analyst,

Biological Image Processing

Laboratory Technician (Imaging)

Research Specialist

Transmission and Scanning Electron Microscopy Specialist

PhD with a Multidisciplinary Background

Biology, Mathematics, Biophysics

Advanced Microscopy and

Quantitative Neuroimaging

Research Scientist

Senior Scientist

*Admissions process required. **For the most up-to-date information, contact the school or business.



SCAN ME

Degrees & Certificates Guide

AAS - An Associate of Science degree is a two-year degree that combines general coursework with major-specific classes.

AAS - An Associate of Applied Science degree is a two-year college degree that focuses on a specific technical skill of applied science.

Certificate - A certificate of study is a postsecondary credential that shows completed practical training and gained skills in a specific field and carries credit.

Career Studies Certificate - A careers studies program is a short-term program that improves job skills (12-18 academic credits, 15-18 months to complete).

FastForward - FastForward is a short-term workforce training program that offers industry credentials and certifications in a shorter time period (non-credit).

Updated 10.17.24

<https://virginiahealthcareers.org/>