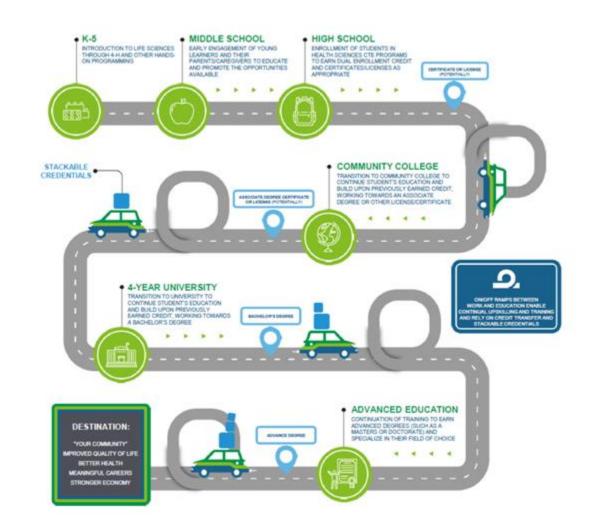
Blue Ridge Partnership for Health Science Careers

A model for growing CTE HQWBL opportunities



Health Science Highway

- It's a journey
- Life Happens on/off ramps
- Good and meaningful jobs along life's way
- Build skills; stack credentials
- · Earn-to-Learn
- Teach and train



The Problem

There is a critical need for a short-term solution to the health workforce shortage, but a longer-term strategy is needed.

This demands a concurrent approach.

Education and training for health workforce is complex and expensive

This demands a collaborative approach.

Health science jobs are not just about health. Life Sciences & Health industry is a large source of local employment, provides critical infrastructure for traded industry sectors and contributes to the local economy as well as the attractiveness of regions.

Formed in 2019





A regional collaboration of educators, employers, workforce organizations, and economic development professionals committed to raising the rigor and aligning health sciences education to meet the employment needs for the Health & Life Sciences industry in the Roanoke and New River Valleys, Alleghany Highlands, and greater Lynchburg (GO Virginia Region 2).

Stakeholder Organizations

All 17 School Districts in GO Virginia Region 2

Plus Rockbridge County Public Schools

Founding stakeholder school districts

Roanoke City Public Schools
Roanoke County Public Schools
Botetourt County Public Schools
Franklin County Public Schools
Craig County Public Schools
Salem City Schools

Community Colleges

Virginia Western Community College Central Virginia Community College New River Community College Mountain Gateway Community College

Founding Four-year Institutions

Roanoke College
Ferrum College
Virginia Tech
Radford University Carilion
Hollins University
Roanoke Higher Education Center

Post-Graduate Institutions

Virginia Tech Carilion School of Medicine Fralin Biomedical Research Institute at Virginia Tech Carilion Via College of Osteopathic Medicine

Founding Employers

Carilion Clinic LewisGale Regional Health System Centra Health Friendship Living Medical Facilities of America American Health Care Commonwealth Care Richfield Living Home Instead Freedom First Enterprises* Fiscal agent for the BRPHSC

Note: Life Sciences employers are being recruited for the next phase of Partnership growth to help develop pathways in biotechnology and

Economic Development

biosciences.

Greater Roanoke Workforce Development Board
New River/Mount Rogers Workforce Development Board
Central Virginia Workforce Development Board
VERGE – Roanoke Blacksburg Technology Council, Roanoke
Accelerator and Mentor Program (RAMP)

Current Partnership Stakeholders GO Virginia Region 2





GO Virginia Region 2 consists of the cities of Covington, Lynchburg, Radford, Roanoke, and Salem; and the counties of Alleghany, Amherst, Appomattox, Bedford, Botetourt, Campbell, Craig, Floyd, Franklin, Giles, Montgomery, Pulaski, and Roanoke.

Board of Directors

Blue Ridge Partnership for Health Science Careers

President - Cynthia Lawrence, Director, Office of Workforce Development, Carilion Clinic
Vice President - David Tucker, President and Chief Operating Officer, Commonwealth Care

Treasurer - Paul Phillips, President, Freedom First Enterprises

Secretary - Marilyn Herbert-Ashton, Vice President of Institutional Advancement, Virginia Western Community College

Verletta White, Ed.D.

Superintendent, Roanoke City Public Schools **Ken Nicely, Ed.D.**

Superintendent, Roanoke County Public Schools Jonathan Russ, Ed. D.

Superintendent, Botetourt County Public Schools Curtis Hicks, Ed. D.

Superintendent, Salem City Schools

Kim Halterman, Ed.D.

Superintendent, Alleghany Public Schools

Bobby Sandel, Ed.D.

President, Virginia Western Community College

Pat Huber, Ed. D.

President, New River Community College

John Rainone, Ed. D

President, Mountain Gateway Community College John Capps, Ed.D.

President, Central Virginia Community College

Angela Joyner Ed. D.

Executive Director, The Center for Career and Talent Development, Radford University

Kathy Wolfe, Ph.D.

Vice President of Academic Affairs, Roanoke College

Morgan Romeo

Executive Director, Greater Roanoke Workforce Development Authority

Todd Putney

HR Consultant

Alan Fabian

Chief Executive Officer, HCA LewisGale Regional Health System

Veronica van Montfrans

Director, Translational Biology Medicine & Health, Virginia Tech

Advisors to the board:

Jeanne Armentrout, Chief Administration Officer, Carilion Clinic Dr. William C. Hazel, Claude Moore Charitable Foundation Shirley Bazdar, Claude Moore Charitable Foundation Dr. Carrie Sutter, George Mason University Amy Adams, George Mason University

Overview of Current Funding



Focus: Dual Enrollment

GA 2021 - HB1800

\$1 M to VCCS (recurring) allocated to VWCC, NRCC, MGCC to help cover tuition costs for high school students who are dual enrolled in health sciences courses (including health care related cybersecurity and mechatronics).

GA 2024 — budget amendment revision \$1.1 M to include CVCC.



Claude Moore Foundation

Focus: Expand Pathways

Ongoing - \$1,045,543 awarded since January 2021 to strengthen and expand health sciences courses in 18 K-12 districts in GO Virginia Region 2.



Focus: Accelerate Implementation

\$100K awarded to BRPHSC to help establish organization

- · Data collection
- Progress/Impact report
- Information repository

Completed – report accessible www.virginiahealthcareers.org

Blue Ridge Partnership for Health Science Careers **Board of Directors**

Finance Committee

- Fiscal Planning
- GO Virginia
- Claude Moore Grant
- Private Philanthropy

Student Engagement Committee

- Career Exposure and Immersion
- Career advancement Support
- Mentoring

Joint Communications Committee

- Public Relations
- Informational website with repository for documents

Collaborates

closely with Student Engagement

Academic **Planning** Committee

- Promote a standardized, rigorous curriculum for Virginia
- Dual Enrollment
- Accreditation
- Curriculum Pathways
- Educational Equipment
- Clinical Instruction

Talent Pathways Committee

- Identify needed jobs
- education to employment pathways
- Employment Onboarding
- Retention

IT/Analytics Committee

- Articulate
- Training and

- Develop common data reporting structure
- Workforce Analytics
- Identify needed remote Services

Diversity Committee

- Develop a diverse workforce prioritizing the most critically needed jobs.
- Ensure equitable workforce opportunities.

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.

Committees: Approximately 100 people involved

Each Committee identifies goals, responsibilities, and core deliverables. Each Committee includes a mix of all stakeholder groups to facilitate collaboration. Meet monthly; Report quarterly.

Academic Planning

Co-Chairs: Glen Mayhew, Radford University Archie Freeman, Roanoke City Public Schools

Joint Communications

Chair: Pete Larkin, Carilion Clinic Contract Service Provider: Allie Buth

Student Engagement

Co-Chairs: Donna Rhodes, Carilion Clinic Luann Morrow, Virginia College of Osteopathic Medicine, AHEC

Area Workgroup Leaders:

New River Valley: Megan Atkinson, Pulaski Co. Schools Alleghany Highlands: Ginni Phillips, Health Educator Greater Lynchburg: Carrie White, Centra Health Greater Roanoke: Veronica vans Montfrans, Virginia Tech

Talent Pathways

Chair: Morgan Romeo, Greater Roanoke Workforce Development Authority
Workgroup: Biotech/Biosciences – Brett Malone, VTCRC & Amy White, VWCC
Workgroup: Healthcare – Melissa Glick, Commonwealth Care

IT/Analytics

Chair: Doug Crowder, Carilion Clinic

Advisor to Chair: Jen Meno-Denneny, GMU

Diversity

Co-Chairs: Dr. Mirta Martin, Ferrum College Armida Valles-Klute, Carilion Clinic

Finance Committee

Chair: Paul Phillips, Freedom First
Advisors: Kelly Tester, Freedom First
Chris Hendron, Valerie Hall; Carilion Clinic

Blue Ridge Partnership for Health Science Careers



How did we get started?

Every Committee has a Charter

Charter: ORGANIZATIONAL

ORGANIZATION PURPOSE, SCOPE, AND GOALS

PURPOSE OF ORGANIZATION:

Our Partnership's mission is to foster widespread collaboration between businesses and education, leveraging existing resources to align curricula and training with the current needs and future growth strategies of Life Sciences & Health (L.S. & H) employers through trans-disciplinary innovation. Our aim is to enhance job readiness, placement, and support economic development. We envision collaborative development and scaling up of education-to-employment pathways within the Life Sciences & Health industry. By equipping students (both youth and adults) with education, skills, and workplace experience, we strive to create seamless transitions into promising careers within GO Virginia Region 2, and secondarily, across the Commonwealth. Guided by our care values of collaboration, innovation, impact, inclusivity, responsiveness, and empowerment, we are dedicated to empowering individuals, enriching the region's workforce, and contributing to the overall growth and success of the Life Sciences & Health cluster.

GOAL(S):

Workforce Development: Align and raise the rigor of health and life science education to meet the needs of employers and industry standards.

Awareness and Value: Increase knowledge and awareness of the existence and value of health and life science professionals among stakeholders.

Policy Education: Educate policy/lawmakers, stakeholders, and legislative committees on the challenges faced by the health and life science workforce.

Recruitment and Retention: Identify 5-10 workforce recruitment and retention strategies to increase the health and life science workforce.

Regional Workforce Improvement: Implement strategies to improve the health and life sciences workforce in Go Virginia Region 2.

DELIVERABLE(S):	Align and raise the rigor of health and life science education to meet employer needs and industry standards.
	Increase knowledge and awareness of the existence and value of health and life science professionals among stakeholders.
	Educate policy/lawmakers, stakeholders, or legislative committees on the challenges faced by the health and life science workforce.
	Identify and present workforce recruitment and retention strategies to increase the health and life science workforce.
	Implement strategies to improve the health and life sciences workforce in Go Virginia Region 2.
BOARD STRUCT	URE AND RESPONSIBILITIES
BOARD MEMBERS:	There shall be no fewer than 3 and no more than 25 members. Members shall consist of representatives from K-12 districts, community colleges, four-year colleges/universities, higher education centers, health and life science employers, relevant community partners delivering training or co-curricular programming, economic development professionals, and philanthropic organizations that support the health and life sciences industry cluster. See BRPHSC Articles of incorporation and By-laws for more detail.
REPORTING HIERARCHY:	The Board shall receive reports quarterly from the Committees. Board members shall share progress reports and relevant information with their respective organizations in furtherance of the mission of the BRPHSC.
TERM LENGTH:	Board members serve a term of 3 years.
MEETING CADENCE:	Quarterly or at least three times per year.

Alian and rake the riggs of health and life science education to meet

DELIVERABLE(S)

Every Committee has a Logic Model

Academic Planning Logic Model

TARGET POPULATION Flo will directly benefit?	INPUTS Resource dedicated to ar consumed by our effort?	ACTIVITIES What will we do in quantifishin terms?	OUTPUTS Direct products of our activities	SHORT TERM OUTCOMES (6-18 mos.) Initial changes in condition, helieft, abilits	LONG TERM OUTCOMES (2 - 5 years) Changes in Policy Programs, Practices	INDICATORS Longer term indicators of impact
PRIMARY. Communities of GoVirginia Region 2. Employers from acute care (hospital systems, home care agencies and bospice) Employers from long term care Employers from bio and life science Student learners of all ages within Region 2 Employers in emerging fields with current and future intersections to health and life sciences. Children's Behavioral Health(CBHS) service providers. Adult Behavioral Health service providers. Policymakers within the Commonwealth. SECONDARY: Other GO Virginia Regions.	Inventory of courses taught in the GO Vinginia Region 2. Health Sciences strategic initiatives. K-12 strategic initiatives. Partnerships with state & community agents as to colleges, universities & technical schools. Community collaboratives. Statewide workforce initiatives. Grants for tuition and training re-imbursement. Curriculum models that represent best practices (i.e. Texas Education Agency)	Facilitate the data collection related to student enrollment and performance. Coordinate with Talent Pathways and IT/Analytics to ensure student learner is accounted for in employment data. Tuition and policyreviews including licensure and credentialing agencies. Identify state, federal, and community resources to support curriculum development initiatives. Identify strategies forthe development pathways. Identify strategies forthe development of education-to-employment pathways. Coordinate with Joint Communications to raise awareness of health and life science education-to-employment pathways. Work collaboratively with other regions to help support in their curriculum assessitients.	Inventory of courses taught in the GO Virginia Region 2, organized by award, accredited site, average tusion and expected salary ranges. Recommended core curriculum health sciences for dual-enrolled high school students. Continual alignment of education-to-employment pathways for critically needed jobs.	Ensure curriculum aligns with regional employer needs. Advocacy for unified statewide approach. Advocacy for a standardized and rigorous K-16 curriculum in Virginia. Increase knowledge and awareness of the existence and value of Health and health Science Professionals. Through community partnerships and stakeholder engagement, identify and educate policyllaw makers, other stakeholders, or legislative committees on the Health and Health Science education priorities and barriers. Ensure access and considerations for racial, ethnic and cultural diversity in the development of education-to-employment pathways.	Implement strategies for aligning curriculum for health and life sciences with the appropriate licensures and credential processes to help meet the needs of employers. Ensure pathways for most critically needed jobs, prioritized by timeframe needed (i.e. 3-5 years, 5-9). Increase in the availability of a broad array of educational pathways and experiential workplace learning opportunities for all students in Region 2. Engage employers in academic curriculum. Develop model in partnership with employers to increase number of qualified instructors, such as dual-appointment. Establish pathway for qualified professionals to enter instructor note.	Primary: -Increase in the availability of a broad array of educational pathway and experiential workplace learning opportunities for all students in Region 2. -Engage employers in acadensic curriculum. -Develop a model in partnership with employers to increase the number of qualified instructors, such as dual-appointment. -Establish a pathway for qualified professionals to enter the instructor role. -Secondary: -Increase enrollment and accelerate the conferring of certifications and degrees in high-need jobs. -Student retention and levels of attainment. -Increase in ducated, experienced, professional, and credentialed workforce. -Increase in funding sources for academic partners. -Improved workplace readiness upon graduation (further define which KPIs within workplace readiness to monitor). -Continual alignment of obscation-to-employmment pathways for critically needed jobs.

Talent Pathways Update

As of 9/26/23

Current Update	Next Steps	
 VA DOL Grant received – being implemented; coordinated with GRWDB and GMU to draft grant submission for VA DOL grant – health + technology Coordinating with GMU, Verge, Carilion Clinic, VWCC, VTCRC to draft grant submission to GO Virginia for biotechnology and biosciences career pathways. Established two workgroups: healthcare and biotechnology/biosciences GO Virginia Region 2 TPI grant awarded – collaborating Developing shared work appointment model – Professors of Practice Developing Student Scholars program with Academic Planning Risks, Considerations, and Barrias	 Career Maps: ongoing work to complete Career Cluneeded regional jobs for posting on www.virginiahea Continue to recruit representatives from the Biotechn clusters to the Talent Pathways Talk Force. Explore collaborations with technology sector to for cand grant opportunities. Explore the concept of Plofessors of Practice, externs 	Ithcareers.org. nology and Biosciences cross career exposure
 Need to have more active employer stakeholders represented from the New River Valley and Lynchburg Biotechnology industry is still not represented – being addressed 	Overall progress towards vision	
 BARRIERS: Competing priorities for employers affects time available for input Professors of Practice – multiple accrediting bodies and regulatory bodies. 	Progress towards career pathway outlines	65%

Core Values

- COLLABORATION: We build and nurture partnerships to achieve mutual success
- INNOVATION: We implement creative solutions to address emerging problems.
- TRANSPARENCY: We are open, honest and accountable in our relationships, processes and actions.
- FISCAL RESPONSIBILITY: We leverage existing resources and established funding mechanisms.
- DIVERSITY: We celebrate and respect the uniqueness of cultures, communities and beliefs and abilities.
- WELCOMING and BELONGING: We ensure that all individuals and communities
 have equal opportunity to co-create their futures and contribute to the health and
 well-being of our community.



What were some early wins?

Most Needed Jobs As Conveyed By Employers in Region 2 Immediate – 2 years

- Nurse Assistant (NA)
- Patient Care Technician
- Certified Nurse Assistant (CNA)
- Psychology Technician
- Certified Medical Assistant (CMA)
- Licensed Practical Nurse (LPN)
- Registered Nurse (RN)
- DON (Director of Nursing)
- Nurse Supervisor (RN preferred)
- Nurse Unit Manager (RN preferred)
- Physical Therapy Assistant
- Occupational Therapy Assistant
- Physical Therapist
- Occupational Therapist
- Speech Therapist
- Dietary Aide

- Call Center Operators career path in communications
- Registered Dietician
- Food Service Manager and Cooks can be entry level jobs for Registered Dietician
- Surgical Technician
- Respiratory Care
- · Pharmacy Technician
- Sonographer
- ETL Developer
- Network Engineer
- EMT to Paramedic
- Maintenance Building Engineers, Plumbing, Electrician, Carpentry, HVAC
- Biomedical Technology Engineering
- Radiological Technologist (X-Ray Tech and more)

Most Needed Jobs As Conveyed By Employers in Region 2

2-5 Years

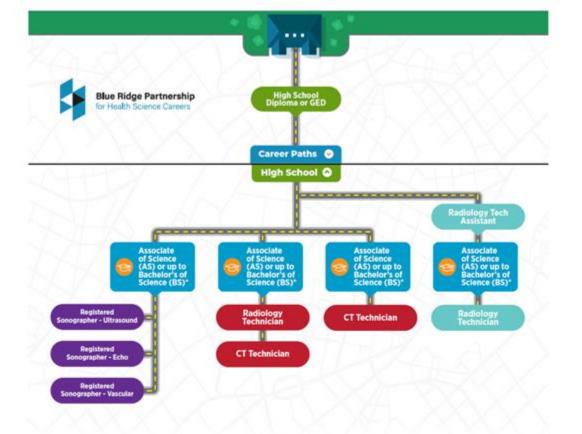
- Biomedical Technology robotics, engineering
- Bioinformatics specialists for population health data analysis
- Al and algorithm decision science mathematicians and systems engineers
- Communications management for telehealth (text/video)
- Aging in place architecture, technology, hospitality

5-10 Years

- Clinical research associates
- Research project managers navigate federal regulatory environment
- Medical writer grant writer
- Environmental health urban planning

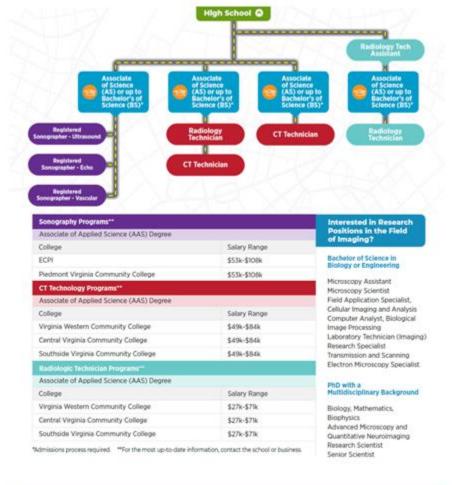
Imaging Pathway DRAFT

Mapping 10 job clusters based on the master inventory.



Sonography Programs**	Interested in Research		
Associate of Applied Science (AAS) Degree	Positions in the Field of Imaging?		
College	Salary Range	or imaging?	
ECPI	\$53k-\$108k	Bachelor of Science in Biology or Engineering	

Imaging Pathway (continued) DRAFT



BRPHSC Website: www.virginiahealthcareers.org



Health Careers Education Partners

Employer & Workforce Partners

Leadership

Site translates to:

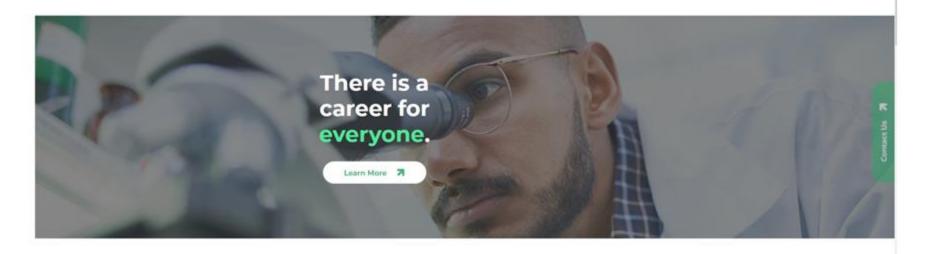
 Spanish Arabic Nepali

Dari

Swahili

Job Opportunities

Partner Login



The Blue Ridge Partnership for Health Science Careers is a collaboration of educators, employers, and economic development professionals in the Roanoke and New River Valleys, the Alleghany Highlands, and the greater Lynchburg region. As members of GO Virginia Region 2, we're committed to improving health sciences education and aligning instruction to meet the urgent workforce needs of the region's health employers, including hospitals, health systems, long-term care facilities, and emerging biomedical companies.

Our Partnership uses a new model for health sciences education and workforce development



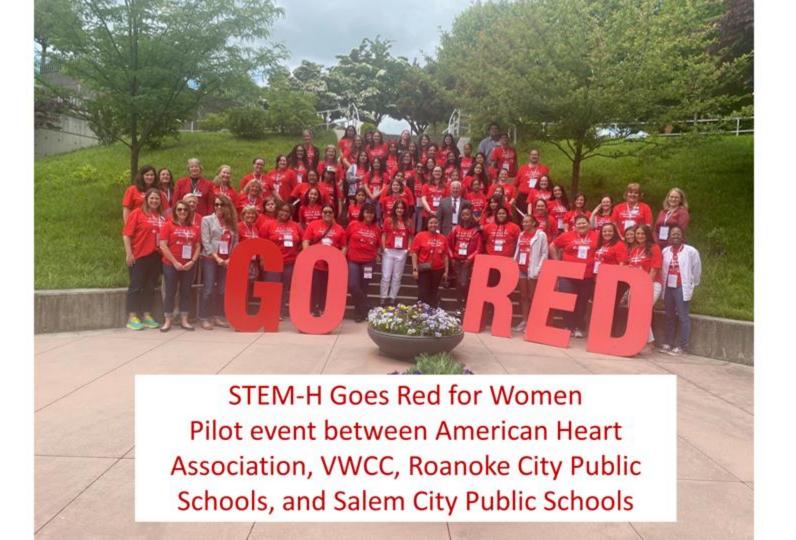
Custom book in partnership with Turn the Page
Distributed through 4-H mobile lab
Sponsored by Claude Moore Foundation

HELICOPTERS & MORE

LET'S GET READY TO EXPLORE...

OR ADDRESS OF THE PROPERTY OF THE PAGE O









Heritage High School Nurse Aide I & II

EC Glass High School Dental Careers I & II



African American Ministers and Lay Leaders: Community Ambassadors for Careers in Health & Life Sciences



How will employers operationalize the innovative solutions of the Partnership?

PILOT then SCALE

Employer Pilot Initiatives for Scaling

Increased Employer Work-Based Education and Training

Scholars – a subset of learners from educational institutions who are engaged in High Quality Work-based Learning (HQWBL) within regional employers.

- Distinct from traditional clinical rotations clinical and non-clinical roles
- Application process; Highly curated cohort experience
- Meets VA DOE requirements
- Paid internships, apprenticeships; builds on Earn-To-Learn model.
- Mentor pairing, possible financial assistance, exposures throughout the organization, leadership training, capstone showcase, guaranteed interview for employment with preferred consideration.

Resources Needed: central coordination across enterprise; VDOE POC to coordinate school district communications: internal employee training and campaign to support culture of learning beyond traditional clinical rotations.

Employer Pilot Initiatives for Scaling

Establish and Expand Shared Work Appointment Model

Professors of Practice - employed industry professionals (clinical and non-clinical) are encouraged and enabled to teach at K-12 or post-secondary schools while remaining employed. Includes credentialing, micro-credentialing, badging, and possible financial incentives. Cost sharing models and accreditation requirements are under development.

Resources Needed: tuition assistance for BS or Master's prepared employees; internal culture training and campaign to support dual appointment roles for employees; work time allowed

Employers: culture, scheduling shift to facilitate, reward teaching **Schools**: program to accelerate the conferring of instructor credentials; ability to contract with employers for instructor time.

Regulatory: Alignment of requirements from regulatory, accreditation bodies



How will you know if the work of the Partnership is successful? Short-term and long-term?

DATA

WORKFORCE DEMAND What is the Need?

WORKFORCE SUPPLY Who can fill the need?

Advance analyses and evaluation

Multivariate analyses of factors related to demand and supply

Multidimensional indicators for substate areas and population groups

Forecasting for future demand

Intermediate analyses and data

Comparisons with other states and US averages

Estimates for population subgroups and practice settings

Retrospective analyses of demand and need

Descriptive Diagnostic Analyses

Population counts and characteristics for state and counties

> Health status of population

Direct measures of demand

Indirect measures of demand

Descriptive Diagnostic Analyses

Licenses, certifications, and employment

Ratios and baselines

State and substate counts

New entrants and exits Tables and maps

Intermediate analyses and data

Comparisons with other states and US averages

Retrospective analysis for trends

Distribution by practice types and settings

Distributions by populations served

Advance analyses and evaluation

Projections/Forecasting of supply

Multivariate analyses of aspects of supply

Assess for future changes in supply to inform projections

Standardized Data Sources from National and State Systems

State-level Health Workforce Data

Annual Openings vs Numeric Change (2018-2028)



Region 2 Health Workforce Data

Growing
4 times faster
than all
other
occupations

Occupation	Percent Change	Annual Change	Annual Openings	Education Required
Personal Care Aides	36.87	1,580	8,656	Less than high school
Phlebotomists	35.02	124	566	Post-secondary non-degree
Veterinary Technologists and Technicians	34.08	67	252	Associate's degree
Veterinary Assistants and Laboratory Animal Caretakers	33.83	135	889	High school diploma or equivalent
Occupational Therapy Assistants	33.55	31	149	Associate's degree
Physician Assistants	32.62	84	254	Master's degree
Home Health Aides	32.09	325	1,641	Less than high school
Veterinarians	31.27	93	226	Doctoral or professional degree
Nurse Practitioners	30.76	150	451	Master's/doctoral degree
Genetic Counselors	27.96	3	9	Master's degree
Physical Therapist Assistants	27.74	75	457	Associate's degree
Speech-Language Pathologists	26.1	85	281	Master's degree

Source: Virginia Employment Commission, Long-term Projections (2020-2030)

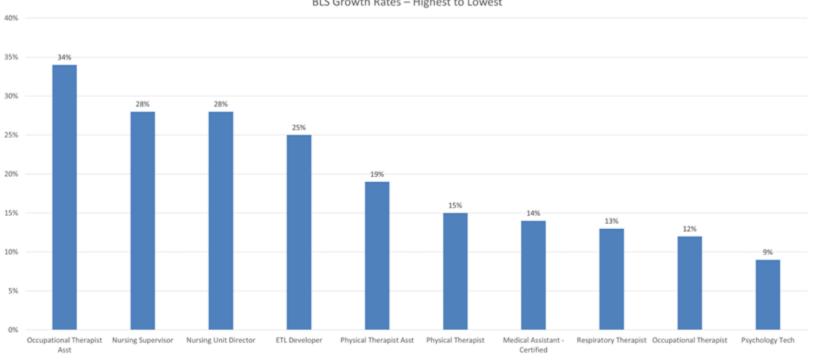
Most Needed Jobs As Conveyed By Employers in Region 2 Now - 3 Years

- Nurse Assistant (NA)
- Patient Care Technician
- Certified Nurse Assistant (CNA)
- Psychology Technician
- Certified Medical Assistant (CMA)
- Licensed Practical Nurse (LPN)
- Registered Nurse (RN)
- DON (Director of Nursing)
- Nurse Supervisor (RN preferred)
- Nurse Unit Manager (RN preferred)
- Physical Therapy Assistant
- Occupational Therapy Assistant
- Physical Therapist
- Occupational Therapist
- Speech Therapist
- Dietary Aide

- Call Center Operators career path in communications
- Registered Dietician
- Food Service Manager and Cooks can be entry level jobs for Registered Dietician
- Surgical Technician
- Respiratory Therapist
- Pharmacy Technician
- Sonographer
- ETL Developer
- · Network Engineer
- EMT to Paramedic
- Maintenance Building Engineers, Plumbing, Electrician, Carpentry, HVAC
- · Biomedical Technology Engineering
- Radiological Technologist (X-Ray Tech and more)

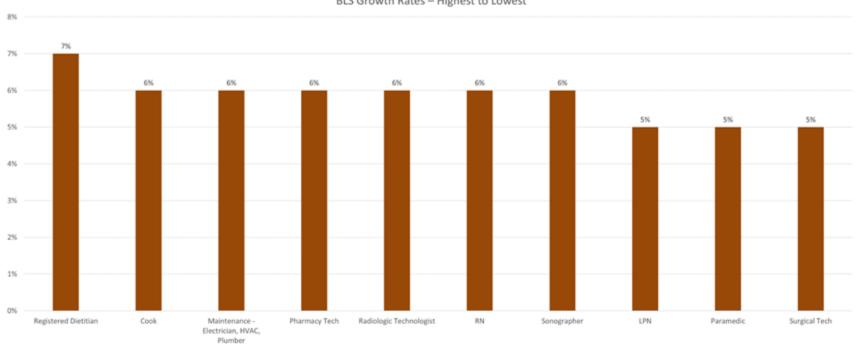
Jobs with Much Faster Than Avg Growth Rate





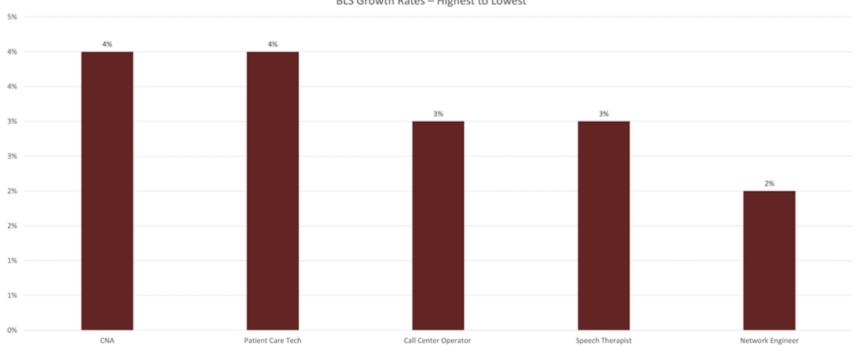
Jobs with Faster Than Avg Growth Rate





Jobs with Avg Growth Rate

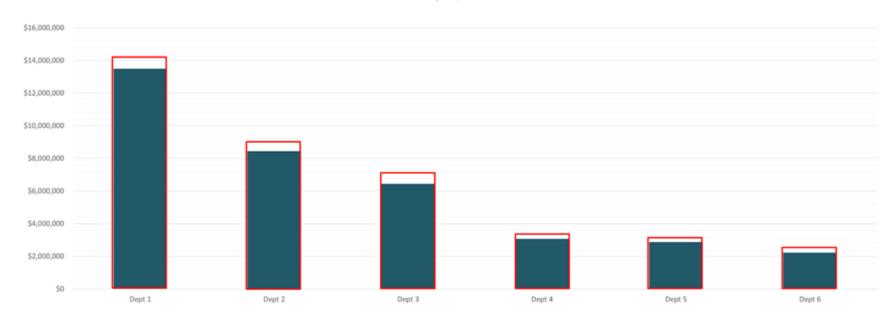




A Case Study:

Patient Facing Departments with High Turnover & BLS Growth Projections Overlaid

Patient Facing Departments



Current & Total FY 24 Vacancies

Department	Current Vacancies	FY24 Total Vacancies
Dept 1	572	1942
Dept 2	76	851
Dept 3	161	1384
Dept 4	121	590
Dept 5	45	384
Dept 6	76	515
Totals:	1,051	5,666

Critical Jobs Educational Program Gaps

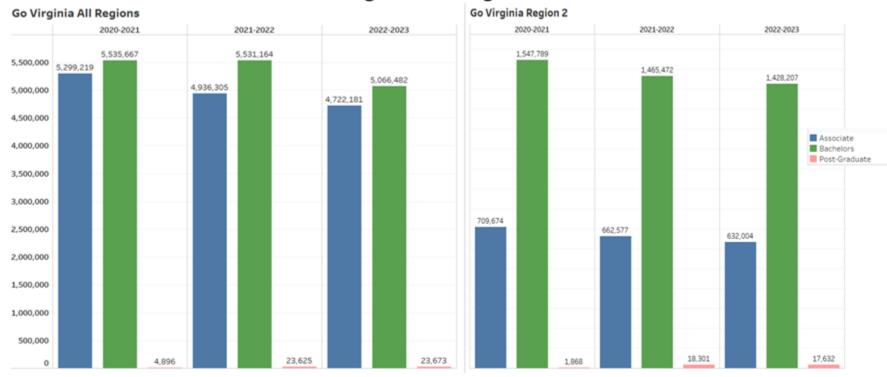
Jobs with No Local Programs

- Psychology/Psychiatric Technicians
- Communication Specialists (Dispatchers and/or Communication Officers)
- Patient Care Technicians
- Registered Dietitian
- Sonographer

Jobs with 1-2 Local Programs

- Physical Therapist Assistant
- Physical Therapist
- Respiratory Therapist
- Surgical Technologist
- Speech Therapist
- Radiologic Technologist
- Occupational Therapist

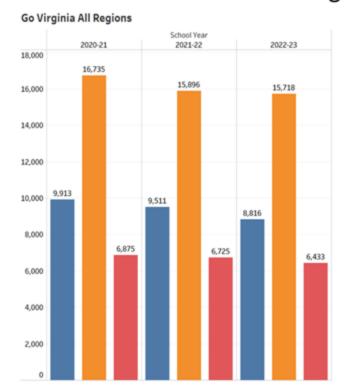
Health Science Instructional Program Enrollment (Associate, Bachelors, Post-Graduate) Virginia and Region 2

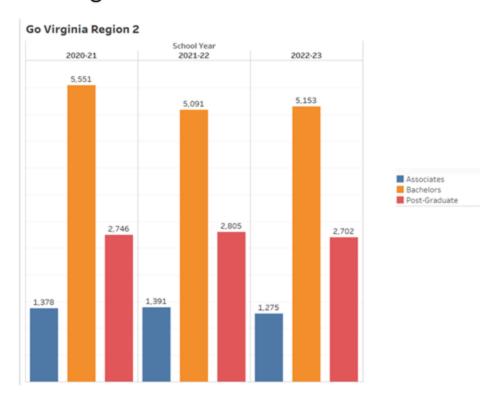


^{*}Comparison of Health Science confirmed degrees between Virginia and Go Virginia Region 2 (School Year: 2020-2021, 2021-2022, 2022-2023) Classification of Instructional Programs (CIP Codes) aligned with Health Science Occupations (SOCs 19,25, 29, and 31)

Data Source: State Council of Higher Education for Virginia 2023, Mason Health Workforce Center

Health Science Degrees Conferred (Associate, Bachelor's, and Post-Graduate) Virginia and Region 2





^{*}Comparison of Health Science confirmed degrees between Virginia and Go Virginia Region 2 (School Year: 2020-2021, 2021-2022, 2022-2023) Classification of Instructional Programs (CIP Codes) aligned with Health Science Occupations (SOCs 19,25, 29, and 31)

Data Source: State Council of Higher Education for Virginia 2023. Mason Health Workforce Center

Employer Recruitment and Retention Data Measures Indicating Partnership Effectiveness

Demographics

Education program completed

Level of education/degree/certification

Ethnicity

Efficiency (volumes/transactions)

Number of applicants per role

Applicant-to-hire ratio per role

Offer acceptance rate per role

Orientation time

Time-to-fill per role

High demand vacancies filled

Effectiveness (quality/performance/outcomes)

Manager perceptions for performance,

onboarding, etc.

Need for additional education/skills training

(reduction in training costs)

Turnover/retention per role (1 year, etc.)

Employee career progressions (promotions)

Employee performance

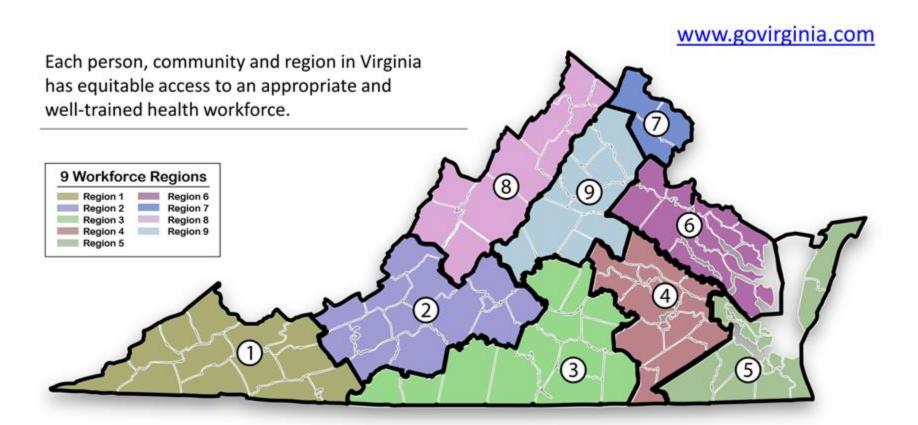
(meeting or exceeding standards)

Formal recognition received

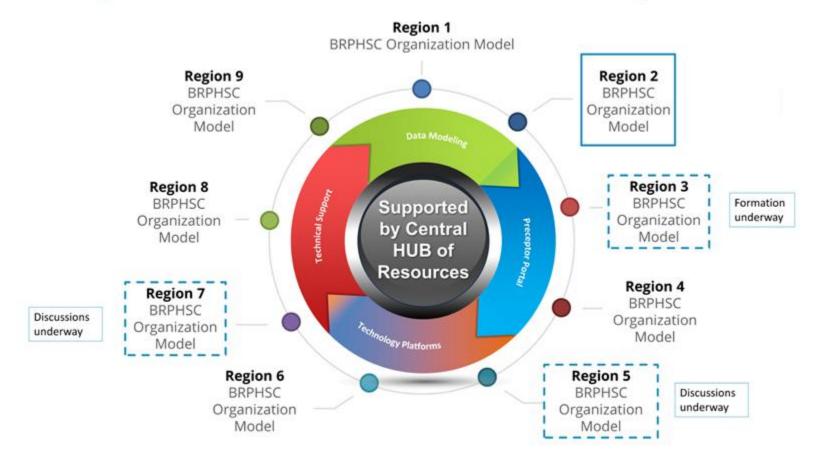
Reduction in recruitments costs



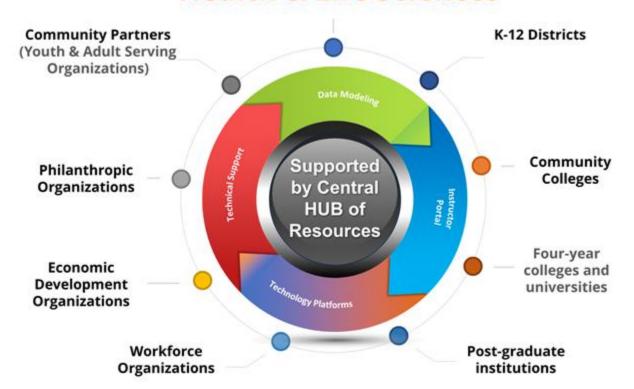
Vision: Translate the BRPHSC model to all GO Virginia Regions Customized for regional employer needs



Virginia Health Workforce Collective Impact Model



Health & Life Sciences





Questions?