

2023 Health Sciences Career Advisory Summit

Agenda

Thursday, October 19, 2023

10 am - 4:30 pm

Fralin Biomedical Research Institute at VTC
4 Riverside Circle
Roanoke, VA 24013

Hosted by



Blue Ridge Partnership
for Health Science Careers

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| 8:30 - 9:15 am | <p>Optional Hosted Tour - Radford University Carilion (RUC) at Carilion Roanoke Community Hospital</p> <p><i>Meet in the RUC lobby (3rd floor) at 8:15 am. Please enter from Reid Dr. off Jefferson St. and enter garage. Parking is free.</i></p> <p>View driving directions and the parking map for RUC [PDF]</p> <p>https://www.radford.edu/content/dam/departments/administrative/RUC/RUC_Map_Directions.pdf</p> |
| 8:30 - 9:15 am | <p>Optional Hosted Tour - Carilion Clinic Center for Simulation, Research and Patient Safety
15 Old Woods Ave., Roanoke, VA 24016</p> <p>https://www.carilionclinic.org/simcenter</p> <p><i>Meet in the lobby at 8:15 am. There are two entrances from Jefferson St. - Starbucks/South 16 Apartments. Parking is free.</i></p> |
| 9 - 10 am | <p>Arrival, Networking & Refreshments, VTC Riverside 4 Lobby</p> |
| 10 am | <p>Welcome, Invocation & Opening Remarks
Cynthia Lawrence, Director Office of Workforce Development, Carilion Clinic
Reverend Dr. William "Bill" Lee
Jeanne S. Armentrout, Chief Administrative Officer, Carilion Clinic</p> |
| 10:15 am | <p>The Honorable Terry L. Austin, Virginia House of Delegates</p> |
| 10:20 am | <p>M. Kirkland "Kirk" Cox, President, Virginia Business Higher Education Council</p> |
| 10:25 am | <p>Nancy Howell Agee, Chief Executive Officer, Carilion Clinic</p> |

- 10:30 - 10:50 am** *Careers in Health Science Research in a Growing Regional Enterprise*
Michael Friedlander, Ph.D., Executive Director, Fralin Biomedical Research Institute
- Founded in 2010, the Fralin Biomedical Research Institute at VTC is one of the nation's fastest-growing academic biomedical research enterprises and a destination for world-class researchers. Learn what is happening now and the vision for the future – all levels of workforce are needed to make it go.*
- 10:55 - 11:15 am** *Supporting Health Sciences Pathways*
Lee Learman, M.D., Ph.D., Dean, Virginia Tech Carilion School of Medicine
- 11:20 - 11:40 am** *Enriching Life Sciences and Healing Humanity: Embracing the Significance of a Liberal Arts Education*
Frank Shushok, Ph.D., President, Roanoke College
- 11:45 am - 12 pm** *Beyond the Classroom: The Transformative Power of Co-Curricular Organizations in Education*
Alexander T. Graham, IV, M.B.A., President & CEO, Future Business Leaders of America (FBLA)
- FBLA is the largest Career and Technical organization in the world focusing solely on business. Sister organizations such as HOSA (health professions), DECA (marketing, finance, hospitality, management), SkillsUSA (primarily trades), TSA (primarily STEM) are important student-led partners to schools. Hear about the important role of co-curricular organizations in developing leaders and preparing students for the workforce, particularly in instilling the agility and critical thinking skills that prepare them for jobs that don't yet exist.*
- 12 - 12:45 pm** *Lunch & Networking*
Box lunches provided (vegan and vegetarian options available); networking at resource tables hosted by funding organizations, community colleges, four-year colleges and universities.
- 1 - 1:40 pm** *Student Journeys*
Moderators: Veronica van Montfrans, Ph.D., Associate Dir. TBMH Program, Virginia Tech & Shannon L. Anderson, Ph.D., Director of Strategic Health Initiatives, Roanoke College
- In a panel format, students at various stages of their educational journey will discuss how counselors and instructors have helped - or could help - along the way. What can the community do to help students achieve their goals?*

MOVE TO BREAKOUT SESSIONS

LEARNING TRACK A

Getting Ahead of the Future: What Kind of Workforce Will Employers Need?

- 2 - 2:30 pm** *Healthcare, Biotech & Innovation*
Moderator: Brett Malone, Ph.D., Chief Executive Officer, Virginia Tech Corporate Research Center
- Panel discussion about the work being done to advance our regional innovation ecosystem. Who is involved, who are the employers, what are the skills that employers need, and how are the schools responding? Are there opportunities now for the current workforce?*

Panelists include:

- [Erin Burcham](#), President, VERGE
- [Francis X. Farrell](#), Ph.D., Senior Director, Research and Development, Carilion Clinic; Assistant Professor of Medicine, Virginia Tech Carilion School of Medicine
- [Aileen Helsel](#), Director of Innovation, Carilion Clinic Innovation
- [Sarah Henrickson Parker](#), Ph.D., Research Associate Professor, Fralin Biomedical Research Institute at VTC; Chair and Associate Professor, Health Systems and Implementation Science Department, Virginia Tech Carilion School of Medicine; Director, Human Factors Research, Carilion Clinic
- [James Ramey](#), Managing Director & Fund Manager, Middleland Capital - VTC Ventures
- [David Salzberg](#), M.D., Bariatric Surgeon, Carilion Clinic; Associate Professor, Virginia Tech Carilion School of Medicine
- [Amy White](#), Dean, School of Science, Technology, Engineering, and Mathematics (STEM), Virginia Western Community College

2:40 - 3:15 pm

[Charting Careers in Health Science: Bridging the Gap Between Education and Employer Needs - A Panel Discussion on Interpreting Health Workforce Data](#)

Carrie Sutter, DNP, George Mason University, Kathryn Thompson, Senior HR Consultant, Carilion Clinic & Tara Wiedeman, MSN, Senior Director, Talent Acquisition and Development, Carilion Clinic

What is the regional workforce data telling us? Are we investing in the right health sciences and biotech programs to meet employers' needs now and the future? Employers, education institutions, and public policy makers must aggregate the demand for labor and collaborate on curricula.

3:25 - 4 pm

[Shaping the Future of Medicine: Unleashing the Power of Data, Decision Science, Technology and Artificial Intelligence](#)

Stephen A. Morgan, M.D., Senior Vice President & Chief Medical Information Officer, Carilion Clinic

Panel discussion featuring AI, Telemedicine, IT & Analytics, Simulation, Clinical applications. What they do and how they support the health ecosystem; what opportunities there are in the workforce.

Panelists include:

- [Doug Anderson](#), Director, Business Intelligence Teams, Carilion Clinic
- [Trip Humphry](#), Director, Health Analytics Data Science, Carilion Clinic
- [Jennifer Martin](#), DNP, RN, NEC-BC, Senior Director, Nursing Informatics, Carilion Clinic
- [Sarah Parker](#), Ph.D, Associate Professor and Chair, Department of Health Systems and Implementation Science, Virginia Tech Carilion School of Medicine
- [Erika Slagel-Perry](#), LPN, School Program Manager, Community Health Center of the New River Valley

LEARNING TRACK B

Navigating the Health Sciences Highway: The Counselor's Updated Toolkit

2 - 2:30 pm

Charting Student Courses: Tools and Maps for Navigating the Health Sciences Highway

Moderators: Louann Morrow, Director Southwest Virginia AHEC & VCOM-Virginia & Christian Kish, Principal, Burton Center for Arts and Technology

Learn about resources and tools that are available to school counselors and educators to help inform students and families of the many viable career pathways in health science. How can you partner with employers to develop work-based learning experiences? What personal qualities and skills are ideal for these candidates to possess to be successful? This will be done as a panel format.

Panelists include:

- [Aaron Carr](#), VP, Human Resources, LewisGale Hospital Montgomery
- [Teresa Gibbons](#), School Counselor at Burton Center for Arts & Technology
- [Katherine Jamison](#), Pharm.D., BCPS, AAHIVE, Associate Dean for Pre-Clinical Medical Education, Edward Via College of Osteopathic Medicine
- [Lisa Leichner](#), Director of Admissions for VCOM-Virginia
- [Kim Radford](#), Work-Based Learning Specialist - Region 6 Virginia Department of Education Office of Career, Technical, and Adult Education
- [Carrie Sutter](#), DNP, George Mason University

2:40 - 3:15 pm

Critical Choices: A Virtual Trauma Experience

Moderators: Wendy Downey, DNP, MEd, RN, CNE, Interim Dean, Radford University's School of Nursing & Philmika Reid, M.Ed., Director of Healthcare Workforce and Community Engagement, Virginia Community College System

A video scenario of an emergency department trauma bay showcases an interdisciplinary, interdependent care team in action. Hear first-hand from the people attending the patient and learn about their education-to-employment pathways.

Panelists include:

- [Nikki Atkinson](#), Director Respiratory Care Services, Carilion Clinic
- [Jennifer Bath](#), Adult/Gerontological Clinical Nurse Specialist
- [Emily Faulks](#), M.D., FACS, Carilion Clinic
- [Amy Ferguson](#), M.S.W., L.C.S.W., C.C.M., Manager, Social Work Services, Carilion Roanoke Memorial Hospital
- [Megan Goodwin](#), Pharmacy Director of Education, Carilion Roanoke Memorial Hospital
- [Leslie Hall](#), System Quality Imaging Management Specialist, Carilion Clinic
- [Julie McCoy](#), Laboratory Director, Quest/Carilion Labs
- [Andrew Tressler](#), Director of Chaplaincy Services, Carilion Clinic

3:25 - 4 pm

From Passion to Purpose: Journeying into Healthcare with a Mission-Driven Mindset

Moderators: Dr. Mirta Martin, President, Ferrum College

Do you know someone who wants to improve lives and make a difference? Want to address disparities in under resourced communities? Be involved in our regional health sciences ecosystem; there's a need for every talent and skill. Hear from professionals and community service partners who took non-traditional routes into health-related careers. Learn who influenced their decisions and guided their development.

Panelists include:

- [Linda Manns](#), RN, MSN, Community Health Faith/Parish Nurse
- [Kimberly Moore](#), Clinical Team Leader, Carilion Clinic
- [Jamie Portis](#), Head Personal Trainer, Carilion Wellness Roanoke
- [Rachel Putman](#), People Services, Goodwill
- [Diana Talmadge](#), RN, Carilion Clinic

RECONVENE IN MAIN ROOM

4:15 - 4:30 pm

Wrap-up & Questions

Cynthia Lawrence, Director of the Office of Workforce Development, Carilion Clinic

Musical Finale: You Are Our Inspiration!

Roanoke Valley Children's Choir

Founded in 1987 by Kimberly Ruse Davidson, the Roanoke Valley Children's Choir has grown to be a highly respected arts organization in the Roanoke Valley, in the state of Virginia, and beyond. The choir includes 150 children from 65 different schools throughout the Roanoke Valley and surrounding communities. With choral excellence as the foundational goal, singers in the RVCC are provided with a choral experience designed to give children musical as well as personal growth.

4:30 - 5:30 pm

Networking Reception & Building Tours

Please join us in the atrium for networking and refreshments.

Resource tables (list of participants below) set up for questions and consultation.

Building tours offered for small group every 10 minutes.

The Blue Ridge Partnership for Health Science Careers (BRPHSC) is a regional collaboration of educators, employers and economic development professionals committed to raising the rigor and aligning health sciences education. Meeting the employment needs for the Life Sciences and Health industry in the Roanoke and New River Valleys, Alleghany Highlands, and greater Lynchburg. The Virginia Initiative for Growth and Opportunity (GO Virginia) identifies this geographical area as Region 2.

BRPHSC acknowledges the support provided by stakeholder partners and charitable organizations, with special thanks to the Claude Moore Charitable Foundation and the GO Virginia Region 2 Council.

Resource Tables: Blue Ridge Partnership for Health Science Careers, Carilion Clinic, Centra Health/Centra College, Central Virginia Community College, ECPI, Ferrum College, Friendship, Fralin Biomedical Research Institute at Virginia Tech Carilion, George Mason University Center for Health Workforce, HCA LewisGale, Hollins University, Lynchburg College, Mountain Gateway Community College, New River Community College, Radford University, Roanoke College, Roanoke Higher Education Center, Virginia Cooperative Extension/4-H, Virginia Tech Carilion School of Medicine, Virginia Western Community College, *The Adventures of Rhodes and Alana* (childhood adventures living with type 1 diabetes - book for early readers)