



Southwest Virginia
Healthcare Excellence Academy
Lab School
(SWVA-HEALS)

Lab School Standing Committee Presentation
March 4, 2024

SWVA-HEALS Collaborative Partners

- Secondary Institutions
 - Smyth County Public Schools
 - Wythe County Public Schools
 - Washington County Public Schools
 - Bristol Virginia Public Schools

- Post Secondary Institutions
 - Emory & Henry College
 - Virginia Highlands Community College
 - Wytheville Community College

- Other Educational Institutions
 - A. Linwood Holton Governor's School
 - Southwest Virginia Higher Education Center

SWVA-HEALS Mission & Vision

Mission

- To **work collaboratively** with regional education, healthcare, and community partners to provide a **rigorous, high-quality learning environment** that promotes increased awareness of potential healthcare careers and **prepares college and career ready students** to pursue the required college degrees and professional credential that lead to **healthcare careers**.

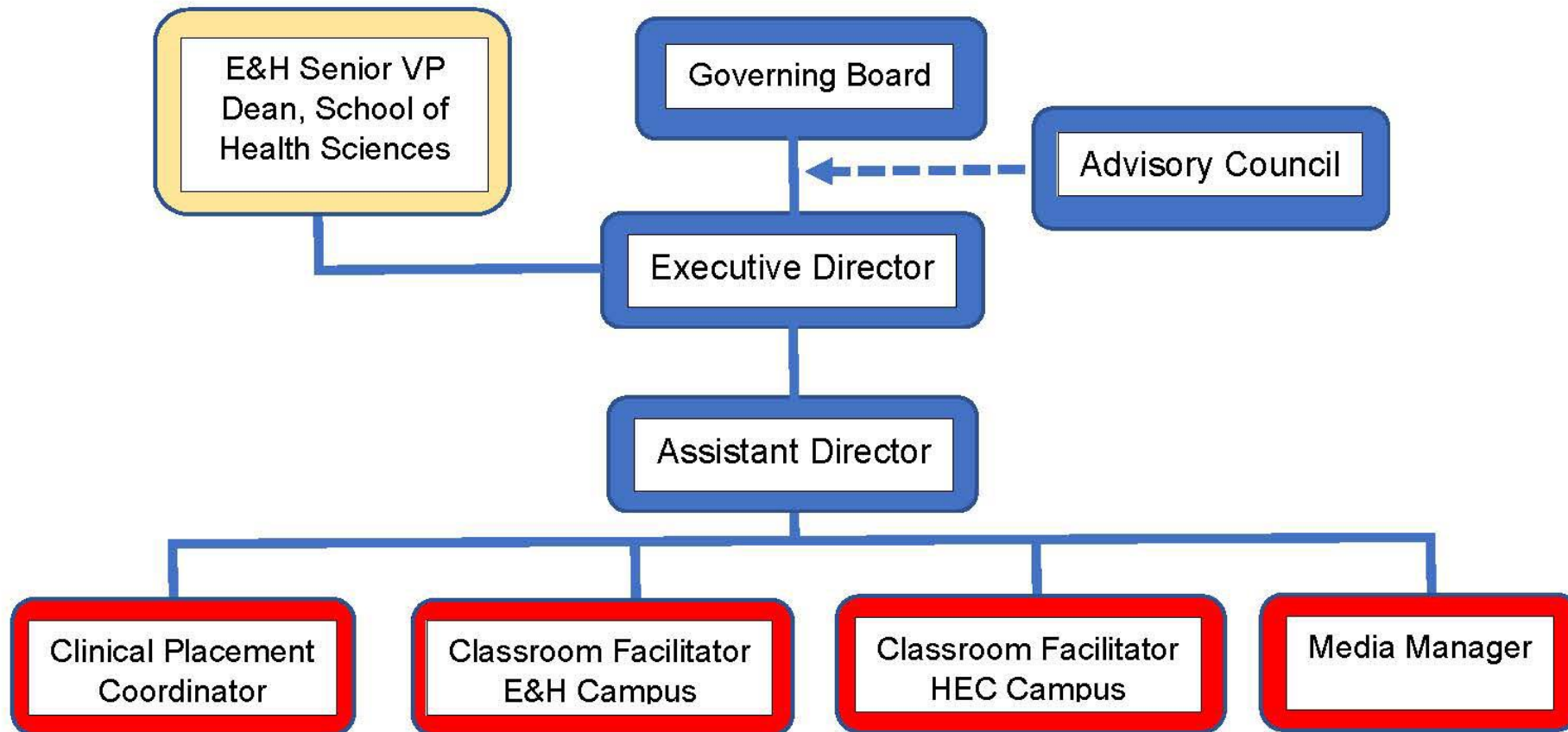
Vision

- To establish an academic **pipeline** for **preparing future healthcare professionals** to meet the **healthcare workforce needs** in Southwest Virginia.

SWVA-HEALS Goals & Objective

- Increase the number of high school graduates from Southwest Virginia who become healthcare providers practicing in Southwest Virginia.
 - Develop a sustainable academic pipeline for preparing future healthcare professionals to meet the workforce shortages in Southwest Virginia
 - Prepare college- and career-ready students to pursue the required college degrees and professional credentials that lead to healthcare careers

SWVA-HEALS Organizational & Management Structure



SWVA-HEALS Administration

Dante Lee – Executive Director

Mike Davidson – Assistant Director

TBA – Clinical Placement Coordinator

Karen Alley – Administrative Assistant

SWVA-HEALS Governing Board

Dr. Lou Fincher (Chair) – Sr. Vice President, Dean of Health Sciences, Emory & Henry College

Dr. Dennis Carter (Vice Chair) – Superintendent, Smyth County Public Schools

Dr. John Wells – President, Emory & Henry College

Dr. Dean Sprinkle – President, Wytheville Community College

Dr. Adam Hutchison – President, Virginia Highlands Community College

Mr. David Matlock – Executive Director, Southwest Virginia Higher Education Center

Dr. Wesley Poole – Superintendent, Wythe County Public Schools

Dr. Mike Robinson – Director, A. Linwood Holton Governor's School

Dr. Keith Perrigan – Superintendent, Washington County Public Schools

Dr. David Scott – Superintendent, Bristol Virginia Public Schools

SWVA-HEALS Advisory Council

Mark Cruise

Executive Director, Accountable Care
Community

Theresa Dix

Chief Nursing Officer
Wytheville Community Hospital

Rebecca Fisher

Talent Solutions Manager, Mount Rogers
Regional Partnerships

Roni Kilgore

Directory of Laboratory Services
Ballad Health

Dr. Matt Loos

Chief Academic Officer
Ballad Health

Sean McMurray

Executive Director
Wellspring Foundation of Southwest Virginia

Jenny Nichols

Chair, Washington County Virginia School Board
Program Director for GO Virginia Region 1

Trista Ruff

Associate Administrator, Chief Nursing Officer
Smyth County Community Hospital

Travis Staton

President & CEO
United Way of Southwest Virginia

Patricia VanHoy

Senior Nurse Manager
Mount Rogers Health District

SWVA-HEALS Target Student Population

- 10th-12th graders from K-12 partnering institutions
- Students interested in a healthcare career
- Applicants must meet their high school's requirements to take dual enrollment courses

SWVA-HEALS Admissions Process

- Students apply online.
- Should the number of candidates exceed the number of seats, qualified candidates will be placed in a lottery.
- Individual meetings will be conducted with each applicant to notify them of their application status. Award or denial letters are presented to all applicants. Students that are denied admittance are placed on a waiting list.
- Admitted students and their parents will attend a SWVA-HEALS orientation.
- Individual meetings with each student and counselor to develop an academic schedule for 10th grade year.

SWVA-HEALS Academic Program

- Rigorous dual & concurrent enrollment courses
 - Foundational sciences
 - Introductory healthcare content
 - Healthcare career exploration
 - Experiential healthcare career-based opportunities

SWVA-HEALS Career Pathways

| Curriculum Pathways | Sample Healthcare Careers |
|---|--|
| Allied Health – Diagnostic | Sonographer, Nuclear Medicine Technologist, Radiation Technologist, Radiation Therapist, Phlebotomist, Clinical Laboratory Scientist |
| Allied Health – Physical Rehabilitation | Athletic Trainer, Occupational Therapist, Physical Therapist, Respiratory Therapist, Speech Language Pathologist |
| Medicine | Physician, Veterinarian, Dentist/Orthodontist, Radiologist, Physician Assistant |
| Mental / Behavioral Health | Mental Health Counselor, Social Worker, Genetic Counselor, Psychologist, Addiction/Substance Abuse Counselor |
| Nursing | Registered Nurse, Nurse Practitioner, Nurse Midwife, Nurse Anesthetist, Nurse Educator, Clinical Nurse Specialist |
| Pharmacy | Pharmacist, Pharmacy Tech |

Projected Dual Enrollment – 10th Grade

(Based on Career Pathway)

- Orientation to Health Related Professions (HLT 140)
- Ethics for Health Care Personnel (HLT 145)
- Medical Terminology (HLT 143)
- Developmental Psychology (PSY 230)
- Introduction to Chemistry (CHM 101) – replaces high school Chemistry



Projected Dual Enrollment – 11th Grade

(Based on Career Pathway)

- Human Anatomy & Physiology (BIO 141 & BIO 142)
- Spanish for Health Professionals (SPA 163) – serves as third Spanish
- Quantitative Reasoning (MTH 154) **OR** Statistical Reasoning (MTH 155)
- Principles of Psychology (PSY 200)
- Additional Electives – based on healthcare pathway



Projected Dual Enrollment – 12th Grade

(Based on Career Pathway)

- General Chemistry I & II
(CHM 111 & 112)
- General Biology I & II
(BIO 101 & 102)
- Organic Chemistry I & II
(CHM 241 & 242)
- Abnormal Psychology (PSY 215)
- Advanced Topics in Healthcare
(HLT 295) - Coordinated Internship
- Additional Electives – based on healthcare pathway



Experiential Learning

- 10th grade
 - HLT 095 Introductory Topics in Healthcare (Healthcare Setting Exploration)
- 11th grade
 - HLT 195 Topics in Healthcare (Healthcare Job Shadowing)
- 12 grade
 - HLT 295 Advanced Topics in Healthcare (Healthcare Internship)



Instructional Sites



Southwest Virginia Higher Education Center
Abingdon, VA

- Bristol, VA Cohort
- Washington County Cohort



Emory & Henry College Health Sciences
Campus, Marion, VA

- Smyth County Cohort
- Wythe County Cohort

Transportation provided by Partnering School Divisions

Sample Academic Schedule

| Time | Class | Location |
|---------------|------------------|---|
| 8:30 - 10:00 | SWVA-HEALS class | E&H Health Sciences OR SWVA Higher Ed. Center |
| 10:10 - 11:40 | SWVA-HEALS class | E&H Health Sciences OR SWVA Higher Ed. Center |

Travel to base high school

| | | |
|---------------------------|--|------------------|
| Base High School schedule | High School class (other graduation requirements) | Base High School |
| Base High School schedule | High School class (other graduation requirements) | Base High School |
| Base High School schedule | High School class (other graduation requirements) | Base High School |

Student Support Services

- Career Counseling and Mentoring Services
 - High school counselor
 - Directors of the SWVA HEALS program
 - College/University health science students
- Student Disability/Accessibility Services
 - Public school divisions will identify, evaluate, document and implement plans
 - Higher education partners will coordinate accommodations
- Transportation and Food Services
 - Provided by each of the public school divisions
 - SWVA-HEALS will assist with transportation as needed for college visits, shadowing, and internships.

SWVA-HEALS 5-Year Estimated Enrollment

| | Year 1 AY2024- 2025 | Year 2 AY2025- 2026 | Year 3 AY2026- 2027 | Year 4 AY2027- 2028 | Year 5 AY2028- 2029 |
|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Cohort 1 | 50 | 50 | - | - | - |
| Cohort 2 | 50 | 50 | 50 | - | - |
| Cohort 3 | | 50 | 50 | 50 | - |
| Cohort 4 | | | 50 | 50 | 50 |
| Cohort 5 | | | | 50 | 50 |
| Cohort 6 | | | | | 50 |
| Total Projected Annual Enrollment | 100 | 150 | 150 | 150 | 150 |
| | | | | | |
| Projected HEALS Graduates | | 50 | 50 | 50 | 50 |
| | | Cohort 1 | Cohort 2 | Cohort 3 | Cohort 4 |

**SWVA-HEALS Implementation Grant
5-Year Financial Plan
SUMMARY**

| | |
|--|---------------------|
| One-Time Start Up Funding | \$ 1,000,000 |
| | |
| | |
| 5-Year Operational Expenses | |
| Personnel Expenses | \$2,445,149 |
| Dual Enrollment/Concurrent Enrollment Expenses | \$1,330,476 |
| General Operational Expenses | \$1,440,673 |
| Administrative Fee | \$500,000 |
| Total Operational Expenses | \$5,716,298 |
| | |
| | |
| Total Start Up Plus 5-Year Expenses | \$6,716,298 |
| | |
| | |

**SWVA-HEALS Implementation Grant
5-Year Projected Annual Budget**

| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | 5-Year Total |
|--|-----------|-------------|-------------|-------------|-------------|--------------|
| TOTAL PERSONNEL EXPENSES | \$436,525 | \$484,408 | \$496,008 | \$507,951 | \$520,257 | \$2,445,149 |
| TOTAL GENERAL OPERATIONAL EXPENSES | \$207,000 | \$291,275 | \$307,280 | \$313,295 | \$321,823 | \$1,440,673 |
| TOTAL ADMINISTRATIVE FEE EXPENSES | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$500,000 |
| NET DUAL ENROLLMENT & CONCURRENT ENROLLMENT | \$206,600 | \$253,300 | \$270,647 | \$289,603 | \$310,326 | \$1,330,476 |
| TOTAL EXPENSES (annually and 5-year) | \$950,125 | \$1,128,983 | \$1,173,935 | \$1,210,849 | \$1,252,406 | \$5,716,298 |

SWVA-HEALS 5-Year Estimated Per Pupil Funding

| Maximum Per Pupil Funding | Year 1 AY2024-2025 | Year 2 AY2025-2026 | Year 3 AY2026-2027 | Year 4 AY2027-2028 | Year 5 AY2028-2029 | 5-Year Total |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| Projected Enrollment | 100 | 150 | 150 | 150 | 150 | |
| Total Funding | \$957,800 | \$1,436,700 | \$1,436,700 | \$1,436,700 | \$1,436,700 | \$6,704,600 |
| Per Pupil Funding Rate (per VDOE Guidelines) | \$9,578 | \$9,578 | \$9,578 | \$9,578 | \$9,578 | |

| Actual Per Pupil Funding | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | |
|--|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Projected Enrollment | 100 | 150 | 150 | 150 | 150 | |
| Current Projected Total Expenses | \$950,125 | \$1,128,983 | \$1,173,935 | \$1,210,849 | \$1,252,406 | \$5,716,298 |
| Projected Annual Per Pupil Funding Rate | \$9,501 | \$7,527 | \$7,826 | \$8,072 | \$8,349 | |

Sustainability of the SWVA HEALS Program

- Sustainability plans and options regularly discussed with Governing Board, Advisory Council, community stakeholders, and local legislatures.
 - In-Kind Funding
 - Donations
 - Grants
 - Local and Regional Foundations
 - Healthcare Systems
 - Lobbying the General Assembly

Thank You!

On behalf of all of the SWVA-HEALS partnering institutions, thank you for allowing us to present this potential innovative opportunity for our students!

Questions?