



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

Lab School Standing Committee Presentation
April 11, 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 Target Student Population

- 10th-12th grade students from K-12 partnering institutions or any student in the Commonwealth of Virginia that has an interest in pursuing a career in healthcare or has an interest in the program

SWVA-HEALS Academic Program

- Rigorous dual & concurrent enrollment courses
 - Foundational sciences
 - Introductory healthcare content
 - Healthcare career exploration
 - Experiential healthcare career-based opportunities
 - All HEALS teachers will hold a valid teaching license
 - Any student enrolled in SWVA HEALS will be provided the support to engage in “rigorous dual and concurrent enrollment courses”

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 Courses

- 10th Grade
 - Foundational sciences and introductory healthcare courses
- 11th Grade
 - General career pathway healthcare courses
- 12th Grade
 - Focused career pathway healthcare courses



Experiential Learning

- 10th grade
 - Introductory Topics in Healthcare (Healthcare Setting Exploration)
- 11th grade
 - Topics in Healthcare (Healthcare Job Shadowing)
- 12 grade
 - 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
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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	

Figure A: Illustrative Itemized Budget Spreadsheet

	Yr 0	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Total
Lab School Operating Costs							
Personnel		\$345,275	\$360,003	\$399,488	\$409,914	\$420,658	\$1,935,338
Non-personnel Expenses		\$312,100	\$431,575	\$457,452	\$482,443	\$511,704	2,195,274
Staff development		\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	137,500
Equip/Tech/Furniture	\$1,000,000	\$15,000	\$17,500	\$17,500	\$17,500	\$17,500	1,085,000
Admin Fee		\$0	\$50,000	\$50,000	\$50,000	\$50,000	200,000
Total Lab School Operating Costs	1,000,000	699,875	886,578	951,940	987,357	1,027,362	5,553,112
<i>Annual Enrollment (# of pupils)</i>		100	150	150	150	150	700
<i>Cost per pupil (\$)</i>		\$6,999	\$5,911	\$6,346	\$6,582	\$6,849	\$6,504
Estimated Lab School Funding							
Planning Grant	200,000						200,000
Start-up	1,000,000						1,000,000
Operating		700,000	1,050,000	1,050,000	1,050,000		3,850,000
Subtotal College Partnership Lab School Fund	1,200,000	700,000	1,050,000	1,050,000	1,050,000	-	5,050,000
Outside Funding							
Local share						225,000	225,000
Grant funding						625,000	625,000
Philanthropic funding						-	-
Higher education institution support						150,000	150,000
Business & industry partner contributions						50,000	50,000
Fundraising and development						-	-
Subtotal Other Funding	-	-	-	-	-	1,050,000	1,050,000
Total Funding	1,200,000	700,000	1,050,000	1,050,000	1,050,000	1,050,000	6,100,000

Funding Sustainability? Yes

Sustainability...

- SWVA-HEALS has built support from educational partners, healthcare industry stakeholders, and community leaders.
- **Partnering school divisions** are committed to the success of the SWVA-HEALS program. This is demonstrated by their willingness to provide a **per pupil fee** if needed, provide **transportation**, and assist with **instructional supplies, instructional technology, lab supplies, textbooks**, etc.
- The **A. Linwood Holton Governor's School** is committed to the program and will provide support through **tuition assistance** and the **sharing of faculty**.
- **Emory and Henry College** has pledged **support of staffing needs**. **E&H** and the **SWVA Higher Education Center** are providing in-kind support with **facilities** to include **classroom spaces, lab spaces, technology, and support services**.

Sustainability...

- SWVA HEALS Advisory Council has been charged with assistance in leveraging philanthropic groups who are supportive of educational and healthcare specific causes.
- This Council has assisted the program in developing support from organizations that have indicated a willingness to provide financial support such as ***Wellspring Foundation of SWVA, Ballad Health, the Claude Moore Foundation, the Smyth County Community Foundation, the Wythe-Bland Foundation, the Bill Gatton Foundation***, and more.
- The organizations operate on annual funding requests for grants and the SWVA HEALS program will apply for funding at the appropriate time and within the guidelines of the organization.

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?