



# East High School

## Health Science Academies



# What are the Goals of the East High School Health Science Academy?

- ✓ Increase academic performance
- ✓ Create early college coursework, internships, and career exploration
- ✓ Increase the number of students seeking advanced study in health science academic fields
- ✓ Provide direct links between students and health science related jobs, college programs, and other certification programs

# Careers in Health Sciences

Climatologist

Farmer

Forensic Investigator

Radiologist

Wellness coach

Botanist

Medical Illustrator

Safety Inspector

Pathologist

Conservationist

Yoga Instructor

Physician Assistant

Pharmacist

EMT/Paramedic

Environmentalist/Ecologist

Dietician/Nutritionist

Music Therapist

Lawyer

Epidemiologist

Genetic counselor

Psychiatrist/Psychologist

Occupational Therapist

Agricultural Technologist

Architect

Athletic Trainer

Bioengineer

Information Systems Technician

Astrophysicist

Phlebotomist

Geologist

# Why should YOU care about health science careers?

- One of the fastest growing job fields
- There are over 14 million people employed in health care
- There is an expected shortage of 18 million health workers by 2030

# What Makes East High School a Health Science Academy?

1. **EVERY STUDENT IS A MEMBER** - Every student attending East HS is considered to be a part of the Health Science Academy.
2. **CROSS CURRICULAR**
3. **COMMUNITY PARTNERS**
4. **BIOMEDICAL CLASSES**
5. **CAREER CONNECTIONS CLUB**
6. **ANNUAL WHOLE SCHOOL BOOK STUDY**



# Every East HS Student is a member of the Health Science Academy - **Homecoming Parade**



# Every East HS Student is a member of the Health Science Academy - **Children's Day**



# Every East HS Student is a member of the Health Science Academy - **High School Fair**



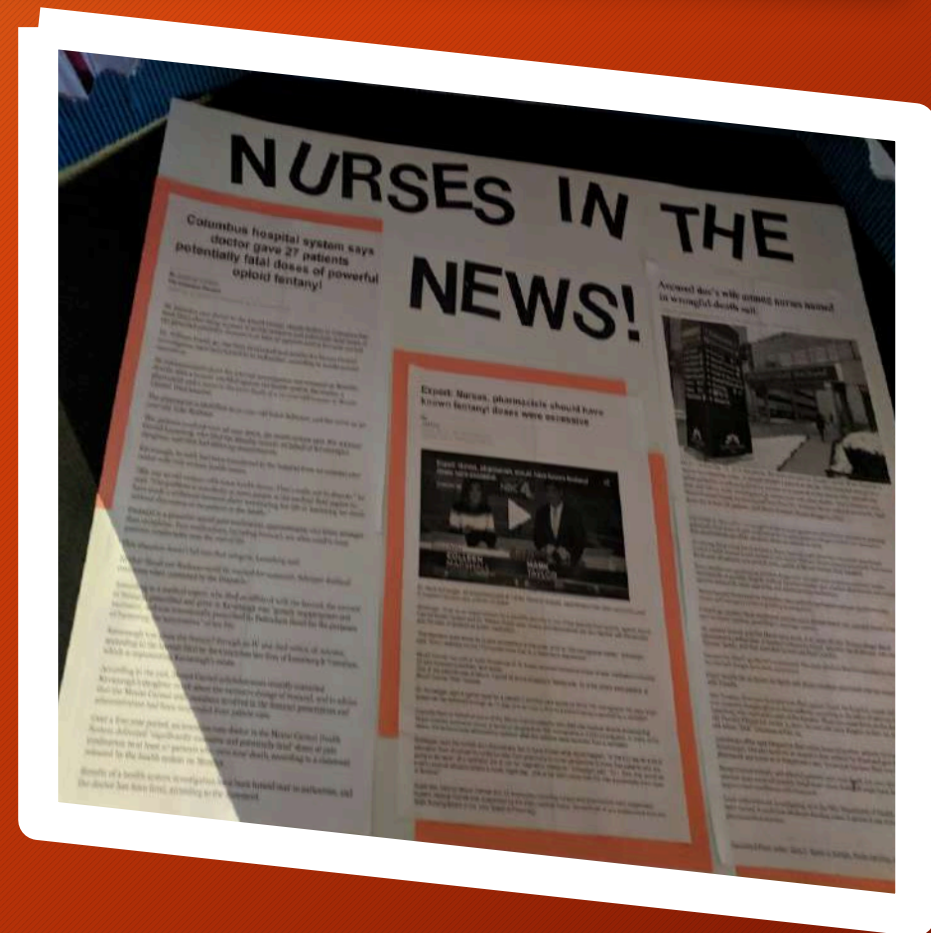


# Every East HS Student is a member of the Health Science Academy - **Freshman Orientation**



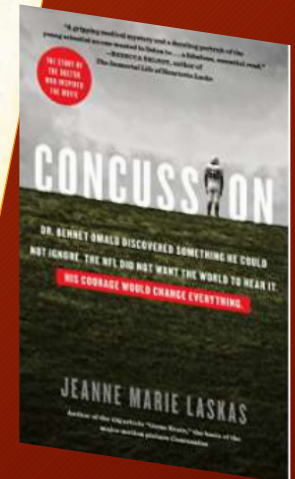
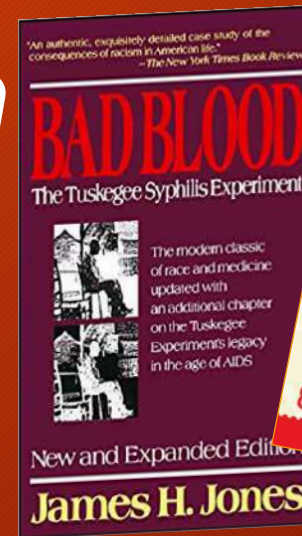
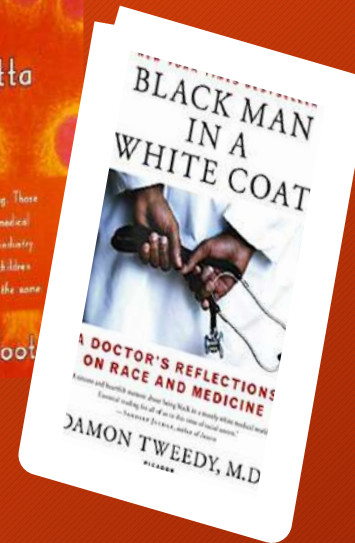
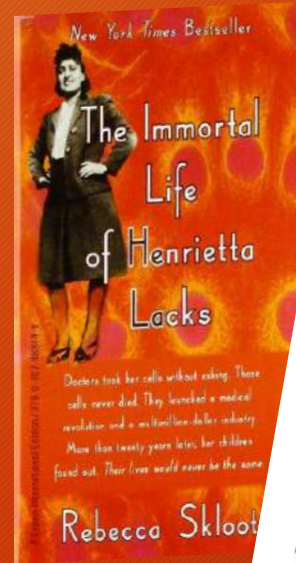
# East High School Health Science Academy is Cross Curricular

- Health science is integrated across the entire curriculum
- Students learn about health science related information in **EVERY** class



# East High School Health Science Academy **Whole School Book Study**

- A health science related BOOK is read each year by the entire school.
- Each teacher showcases projects during an an end-of-year fair



# East High School Health Science Academy COMMUNITY PARTNERS

- COSI
- MLK Library
- OSU Hospital East



# East High School Health Science Academy COMMUNITY PARTNERS - COSI



Interactive Videoconferences - Live Kidney Transplant, Autopsy,  
& Knee Replacement/ Careers in Pharmacy, Genetic Counseling  
& Forensic Psychology



# East High School Health Science Academy

## COMMUNITY PARTNERS - MLK LIBRARY - Science Cafe



# Science Café - Obstetrician

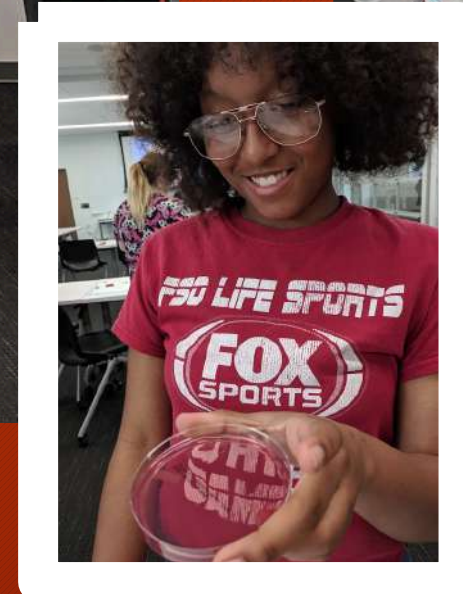
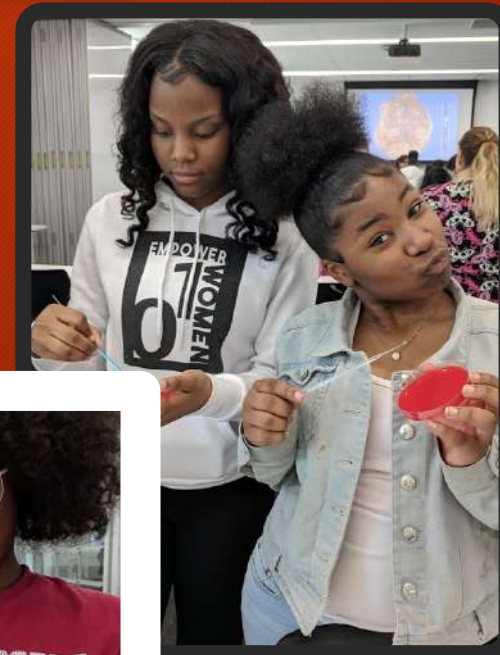


# Science Café - Physical Therapist





# Science Café - Laboratory Technicians



# East High School Health Science Academy **COMMUNITY PARTNERS - OSU Hospital East**



OSU provides mentors, speakers,  
and CPR certification



# East High School Health Science Academy

## BIOMEDICAL CLASSES

There are 4 classes offered

1. Health Science Foundations
2. Principles of Biomedical Science
3. Human Body Systems
4. Medical Interventions

Students start with Health Science Foundations during freshman year, and end with Medical Interventions senior year, but we are flexible... if you want to join the program, we will find a way to fit you in!



# Health Science Career Connections Club

## Mentoring, Community Service, Career

