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Research Scholars Poster Presentation

Virtual Health Care Career Exploration

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Virtual Health Care Career Exploration

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BACKGROUND

- LVHN Health Care Explorers' Day:
 - Launched in 2015
 - Middle school experience at Lehigh Valley Hospital
- May 11th, 2020: Due to COVID-19 pandemic, Health Care Explorers' Day went virtual for the first time in program history
- **Purpose:** To create a virtual platform for health care career exploration



The First Virtual Health Care Explorers' Day

METHODS

Conducted preliminary research on current virtual experiences and social and emotional learning (SEL) competencies



Filming for "Understanding HPV and Cervical Cancer" episode

Wrote scripts and educational content for each virtual experience

Filmed, edited, and produced episodes which include interviews, live surgery footage, and graphics



Screenshot of weekly team meeting

Created follow-up activities for students to complete after viewing each virtual experience

RESULTS

- Pathway of the virtual health care career exploration program:

Sports Medicine

Athlete recovers from ACL tear with the help of an athletic trainer, emergency medicine physician, orthopedic sports medicine surgeon, and physical therapist. Features Dr. Gabriel Lewullis and Dr. Mia Sclafani.



Understanding HPV and Cervical Cancer

Mother-daughter duo learns about preventing HPV and battling cervical cancer with the help of a CRNP, an RN, gynecologic oncologists, and a family physician. Features Dr. Martin Martino, Dr. Bijoy Thomas, and Dr. Madalyn Schaefergen.



Lung Health

After learning about her grandfather's lung Cancer diagnoses, Petunia learns about the consequences of smoking and vaping. Her grandfather makes a full recovery with the help of Dr. Robert Krukltis, Heba Durra, and Dr. Richard Chang.



Cardiac Center

Three surgeons from different fields work together to save a patient diagnosed with a rare condition. Features Dr. Timothy Misselbeck, Dr. Martin Martino, and Dr. James Guzzo.



Participate in a live Q&A session with an LVHN colleague

Complete an educational follow-up activity

CONCLUSIONS

- Virtual learning is feasible and adaptable
- Despite challenges of COVID-19 pandemic, beneficial education is attainable through virtual learning
- Students gain SEL competencies and are inspired to pursue a career in health care



Figure 1. Social and emotional learning (SEL) competencies¹

FUTURE DIRECTIONS

- Partner with local schools to deliver a virtual learning platform for the 2020-2021 academic school year
- Offer virtual experiences to the community to bring awareness of various health topics and LVHN services

REFERENCES

1. Collaborative for Academic, Social, and Emotional Learning (CASEL), (2020). *Core SEL Competencies*. <https://casel.org/core-competencies/>