### Lehigh Valley Health Network

# **LVHN Scholarly Works**

Research Scholars Poster Presentation

# **Virtual Health Care Career Exploration**

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# Virtual Health Care Career Exploration

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#### BACKGROUND

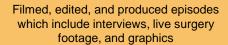
- LVHN Health Care Explorers' Day:
  - Launched in 2015
  - Middle school experience at Lehigh Valley Hospital
- May 11<sup>th</sup>, 2020: Due to COVID-19 pandemic. Health Care Explorers' Day went virtual for the first time in program history
- Purpose: To create a virtual platform for health care career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

The First Virtual Health Care Explorers' Day

#### **METHODS**

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

> Wrote scripts and educational content for each virtual experience



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



Filming for "Understanding HPV and Cervical Cancer" episode



Screenshot of weekly team

#### **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 Schaefgen.



#### **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 Kruklitis. Heba Durra, and Dr. Richard Chang.



Misselbeck,

Cardiac Center

Three surgeons from

different fields work

together to save a



patient diagnosed with a rare

Dr. Martin Martino, and Dr. James Guzzo.

#### 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) competencies<sup>1</sup>

#### **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/



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



Complete an educational follow-up activity

