Virtual Health Care Career Exploration

Emily Deschler
Elizaveta Makarova
Abby Heilenman
Tipsuda Sopho
Emily Kidd

See next page for additional authors

Follow this and additional works at: https://scholarlyworks.lvhn.org/research-scholars-posters

Part of the Medicine and Health Sciences Commons

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.
Authors
Emily Deschler, Elizaveta Makarova, Abby Heilenman, Tipsuda Sopho, Emily Kidd, Nick Defulvio, Isaiah Martino, Sarah A. Jones Sapienza MD, and Martin A. Martino MD
Virtual Health Care Career Exploration

Emily Deschler, Elizaveta Makarova, Abby Heilenman, Tipsuda Sopho, Emily Kidd, Nick Defulvio, Isaiah Martino, Sarah Sapienza, MD, and Martin A. Martino, MD

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
Wrote scripts and educational content for each virtual experience
Filmed, edited, and produced episodes which include interviews, live surgery footage, and graphics
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.
  - 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 Krukittis, 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.
  - 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 Schaefer.

References

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

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

LVHN.org