

# 2021 Virtual Cincinnati Children's Hospital Schmidlapp STEM Scholars High School Science Symposium 4:30pm to 6:00pm, February 24, 2021



The goal of the Schmidlapp High School Science Symposium (HSSS) is to introduce Cincinnati area High School students interested in science, technology, engineering and math (STEM) to careers in biomedical science, nursing and allied health and to enhance their awareness of what it takes to achieve academic success and have a successful career in these fields. All high school students are encouraged to attend.

Due to the COVID-19 pandemic, the 2021 HSSS will be held virtually through both pre-recorded presentations and live virtual discussion sessions. The symposium will provide participants with an opportunity to explore careers in biomedical science by viewing pre-recorded presentations from professionals who are currently practicing as doctors, scientists, and allied health professionals. **Twenty pre-recorded biomedical career presentations** can be accessed from the HSSS website and students should view all presentations of interest prior to attending the event using this link: <https://www.cincinnatichildrens.org/education/research/high-school/science-student-symposium>  
The recordings will be available until May 2021.

## Live Virtual Event, February 24, 2021 4:30pm to 6:00pm

**4:30 to 5:00pm** all participants can choose between 2 concurrent presentations on:

- 1- Preparing to Apply to Medical School
- 2- Biomedical Research and Outreach opportunities for high school and college students at CCHMC

## 5:00 to 6:00pm Breakout Room discussions (pre-registration required)

-Student participants will attend three 20-minute specialist breakout rooms to get your career questions answered.

-Science teachers are invited to attend a special presentation on how to use the *C. elegans* flatworm in your classroom by Dr. Amanda Zacharias. CCHMC will donate used dissecting microscopes to schools that need one.

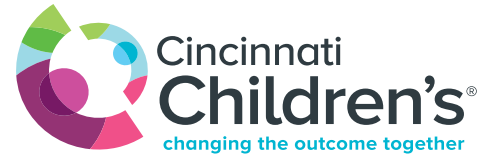


All participants, both science teachers, and high school juniors and seniors, must pre-register individually at: <https://ucincinnati.zoom.us/meeting/register/tJwde2oqDwsGNBNqyhrA8fvhzeqRaePYZj1>

For questions regarding the symposium or registration, please contact Lisa Higgins at: [lisa.higgins@cchmc.org](mailto:lisa.higgins@cchmc.org)



## 2021 Virtual CCHMC High School Science Symposium



All presentations are included on this playlist:

<https://youtube.com/playlist?list=PLi-7CrjHWbqiU-dnRapXmgmKIsJKof6sc>

Pre-Recorded presentations:

- 1- Doctor/Pediatrician- *Ndidi Unaka, MD & Emmanuel Chandler, MD*
- 2- Nursing Careers- *Chima John, BSN, RN*
- 3- Genetic Counseling- *Kathleen Collins Ruff, MS CGC*
- 4- Speech and Language Pathology- *Dawn Girten, MA CCC-SLP*
- 5- Respiratory Therapy- *Andrea Vetter BS RRT*
- 6- Occupational & Physical Therapy- *Kelli Hobart, ORT/L, Niles Keller, PT, DPT, & Yvette Sickles, MPT*
- 7- MD/PhD Student Immunology Research- *Corinne Foley, BS*
- 8- Athletic Training- *Kelly Dixon, ATC*
- 9- Pharmacy- *Laura Belles, PharmD*
- 10- Social Work- *LaDonna Morales, MSW, LISW*
- 11- Biomedical Engineering/ 3D Printing- *Matthew Batie, BMET*
- 12- Radiology Technology- *Lindsey Hekler, MEd, RDMS, RDCS*
- 13- Dietitian/Metabolic Kitchen- *Suzanne Summer, MS, RD*
- 14- Psychologist/Mental Health- *Rebekah Ridgeway, PsyD, Anne Kalomiris PhD & Teresa Smith, PhD*
- 15- Pathology/ Clinical Lab careers/ clinical sample analysis- *Jennifer Picarsic, MD*
- 16- Clinical Research Professionals – *Andrea Meisman, MS, LPC, CCRP*
- 17- Neuroscience Research-PhD Students - *Paige Greenwood, BS & Jennifer Patrilli Cram, BS*
- 18- Heart Development Research with Zebrafish – *Joshua Waxman, PhD*
- 19- Cancer Cell Research- *Timothy Chlon, PhD*

Register for the **Live Virtual Event, February 24, 2021 4:30pm to 6:00pm** on the website, or this link:

<https://ucincinnati.zoom.us/meeting/register/tJwtd2oqDwsGNBNqyhrA8fvhzeqRaePYZj1>

**4:30 to 5:00pm** all participants can choose between 2 concurrent presentations on:

- 1- Preparing to apply to Medical School- *Abbigail Tissot, PhD*
- 2- High School and college student research and outreach opportunities at CCHMC- *Cindy Bachurski, PhD*

**5:00 to 6:00pm Breakout Room discussions** (pre-registration required for 3 20-minute sessions)

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|------------------------------------|---|
| 1- Doctor/Pediatrician/Resident    | 15- Pathologist/ Clinical Lab                                     |
| 2- Nurse                           | 16- Clinical Research Professional                                |
| 3- Genetic Counselor               | 17- Neuroscience Graduate Student                                 |
| 4- Speech and Language Pathologist | 18- Developmental Biology Researcher-<br>Zebrafish heart research |
| 5- Respiratory Therapist           | 19- Cancer Researcher   |
| 6- Occupational Therapist          |   |
| 7- Physical Therapist              |   |
| 8- Athletic Trainer                |   |
| 9- Pharmacist                      |   |
| 10- Social Worker                  |   |
| 11- Biomedical Engineer            |   |
| 12- Radiology Technologist         |   |
| 13- Dietitian/Nutrition researcher |   |
| 14- Psychologist/Mental Health     |   |

### **Science Teachers only session:**

Special presentation on how to use the flatworm *C. elegans* in your classroom by Dr. Amanda Zacharias. Find out more about the new CCHMC used-instrument donation program. CCHMC has some used dissecting microscopes to donate to schools