

BEST Teams Practice Code Blue Simulation - Incision Decision 2023

BEST participants, students, and mentors serve as surgeons in simulation, engineers, and scientists so that they can lead the future in these fields.

PITTSBURGH, PA, UNITED STATES, October 24, 2023 /EINPresswire.com/ -- Just a few years ago, our healthcare system experienced a crash call that was a code blue, all-hands-on-deck event to save humanity against COVID-19. Since then, the leadership of BEST has made a strategic decision that it is never too early for our youngest generation to delve into the complexity of the medical field because of the great potential of saving lives. This new and upcoming generation has demonstrated talent, creativity, and critical thinking that make them ideal candidates for the Incision Decision challenge.



You are a Robot that Makes us Humans fly from Inspiration

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Robotic surgery is only as good as the hands guiding it. Simulations ensure those hands are well-prepared.”

*Professor Dr. Prokar
Dasgupta Kings College
London*

This year, our K-12 students will serve as surgeons in simulation, engineers, and scientists so that they can lead the future in these fields. In this challenge, participants, students, and mentors will undertake real-time surgeries, collaborate with their teams, and create innovative technologies to succeed. To save lives, they must learn to both collaborate with their teammates and innovate technologically.

Just as a medical team does, participants will need to step up their game with critical thinking skills and practice. They will need to perform in an environment where time and the life of the patient both matters. In the next few weeks, teams across the country will have an opportunity to practice. In every BEST location where practice day occurs, participants will showcase where their mindset, innovation, and critical thinking have taken them thus far. BEST students will be

able to assemble with other teams to compare notes and share and receive feedback from judges and referees.

This simulation, together with others, is a unique and exceptional part of the program of BEST. A “dry run” of what is going on behind the scenes and what would contribute to the team overcoming their challenges and moving forward. It is their practice day, mentally and technologically, a day in which they will need to make important decisions. Undoubtedly, the [Simulink](#) design is one of the lead areas on the participant's mind. They will stand together around their laptops, butting brains, wanting to ensure they have only the BEST code at their disposal. Many will use it to review and talk about their [MathWorks Simulink](#) design. Should they make changes? Others will “argue” about the design of their innovative, cutting-edge technology that they designed.

For those of us who want to get a glimpse of those who will soon occupy our world's innovation, entrepreneurial, and engineering leadership roles, come to practice day! See the future leaders of the healthcare system as we get them excited about saving lives!

Find out where and when
<https://registry.bestrobotics.org/events>

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Getting Ready for Surgery - Grove City PA Middle School



DuBois PA Hands On Leadership

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About [BEST Robotics](#)

The thirty-year history of BEST Robotics (Boosting Engineering, Science and Technology) influencing and inspiring America's youth is a testimonial to the power of transformative, project-based, experiential engagement. A national non-profit 501(c)3 organization, BEST has changed the lives of under-resourced and under-served students through the creation of programs that are economically accessible and inclusive. BEST challenges both the mind and spirit, exciting and motivating students to think bigger, aim higher.

Founded in 1993, BEST Robotics operates 29 licensed hubs across 14 states, serving approximately 418 schools and 6,500 students annually. Through partnerships with higher education, tech schools, and organizations, BEST Robotics' hubs manage local delivery of the program with the help of 2,000 volunteers from hundreds of corporate and community supporters."

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