

Ask the Experts

Session Key Learnings

April 16th, 2022
www.icanresearch.org/videos

Summary:

Dr. Anthony Chang, CHOC, AIMED, iSPI, discusses his education and experience of “Pediatric Innovation”. Special Guest Dawn Wolff, International Society of Pediatric Innovation (iSPI) joined the discussion.

- Defining INNOVATION can be challenging. While there are many ways to look at Innovation, the best way is often to take a creative approach by using the materials/knowledge you have and thinking of how it might be further advanced. iCAN Youth Member shared “Using the materials you have to solve the problem creatively.”
- Anyone at any age can become an ‘Innovator’. iCAN supports innovation by kids at www.icanresearch.org.
- Examples of impactful innovation:
 - *Vacuum *Silicone *Artificial Intelligence *Swimsuit Dryer *Medical Devices *Medicine *Rubber
- Innovation can be made individually, but often, it is best when done together as a collaborative. Often, many people play a role in innovating.
- Is Research Innovation? Two theories—1.) It is the pathway leading to innovation. 2.) It can be innovation as it is completed.
- Innovation can be complicated and uncomfortable to some. Often, innovation requires additional learning and new skill sets.
- For innovation to work, it needs to be adopted by communities.
- Failure of innovation attempts are best seen as opportunities. FAIL = First Attempt In Learnings. Example of innovation that may very well have been considered a failure is the toothpick—how did it come about as an innovation when it may have started as a just a splinter?
- Creating innovation can also be built on other people’s ideas and earlier learnings. Sharing information widely often provides more creativity for solving problems and developing innovation. Often, innovators are leaders. Check out the February 19th, 2022 “Leadership” at www.icanresearch.org/videos to learn more.