

BIANCA-JAYE:

00:08:16:20 - 00:08:40:03

Speaker 2

Oh, same as giving me more than the tools I need as the support as well that follows with it. I have people from Sumer that I know that I can message or email going, This is what's happening in the real world, this is what's happening in my career.

For Bianca-Jaye, She had never anticipated her Bachelor in Psychological science, having a direct impact in the first two years.

Her success, she says is thanks to the support and community she gets from Swinburne.

00:01:18:22 - 00:01:36:11

Speaker 2

So through the subject of human factors of psychology, we were told through an assignment to find a gap in the system, and I found a gap in neuro development and autism spectrum disorder.

From an assignment,

The second year student developed a hearing device that emits white noise counteracting over stimulation in children

And preventing meltdowns.

00:01:51:10 - 00:02:14:19

Speaker 2

All that means instead of a child with autism or sensory sensitivity getting overwhelmed and heightened and starting to freak out, the white noise will play through the ear, allowing them to still be in a social situation without having to run and hide, without having the use of headphones, without having the use of an iPad mean that they can still be social as well as not freak out in social situations.

It's already gained interest from the wider STEM community.

PTC: Bianca-Jaye's device was developed in one of her Swinburne classes and should be available to the public before she's even completed her degree.

She is currently in the process of capital raising for her device.

And already has the support of a doctor and a 3D printing company owned by Swinburne.

00:03:18:06 - 00:03:36:00

Speaker 2

My goal is for it to end up chemist, warehouse on the shelves available to everyday families who need this resource. It's not there to be people who is there for people who need it. And that is always been my goal is to help the people that truly need it.

The device could be ready for the public as early as next year.