



Assistive Tech Hub



UNSW
SYDNEY



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Tyree Foundation
Institute of Health
Engineering

The Assistive Tech Hub (AT Hub) connects individuals with disabilities to engineering students, fostering collaboration in designing and prototyping life-changing assistive technology.

AT Hub: An Innovative Teaching Program

The AT Hub is a collaborative and innovative teaching program with a commitment to the development of life-changing assistive technology. At its heart, is an approach founded on the principle of co-creation, valuing end-users as co-creators rather than just clients. Under the leadership of A/Prof Lauren Kark, this program brings together end-users, engineers, clinician perspectives, and students across all stages of the design process, from conception to completion. By actively involving the individuals, clinicians, and critical support networks, the program fosters a holistic approach, ensuring the developed technologies seamlessly integrate into the daily lives of individuals with disabilities, enhancing independence, and improving quality of life

The AT Hub's remarkable impact is attributed to the real-world experiences it offers to students. Collaborating, designing, and engaging with individuals with a wide range of needs broadens students' horizons, taking learning beyond the classroom. This process not only enhances their engineering skills but also shapes them into more responsible and compassionate citizens.

Email the team at athub@unsw.edu.au

AT Hub at a glance



Since starting in 2019 has trained **250** students



Worked on more than **50** projects



Engaged universities and hospitals in the Solomon Islands



Founded on the principle of **co-creation**

"I don't think I can ever explain to you how important your work is, how much change and joy it has brought to our members so far and how much more these innovations will bring to rowers across the world."

"I hope I have been able to express what your hub means to those with impairments and that you and your students continue to understand that the work they do changes lives, enhances both psychological and physical lives and allows them to remain active and full members of their chosen sport."

Barabara Ramjan
Community Rowing President
Community participant in the AT Hub



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