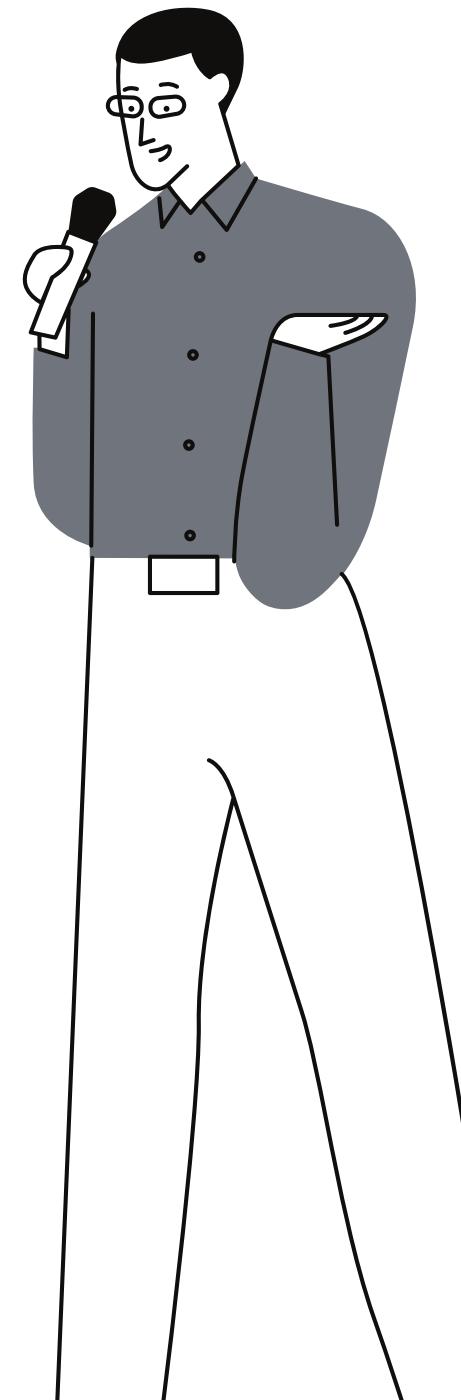


Performance of DISABLED ROBOTICS

Disability robotics is a broad category that includes wheelchairs, robotic arms, and other robotic devices that **assist people**.

So what is that?



**In the context of art and
performance...**

In the context of art and performance...

that means robots that can help people
make art and have access to art!

A team of high school students in New Castle County, DE, built remote-controlled "Drawbots" that hold pens or markers and can be controlled with a joystick.

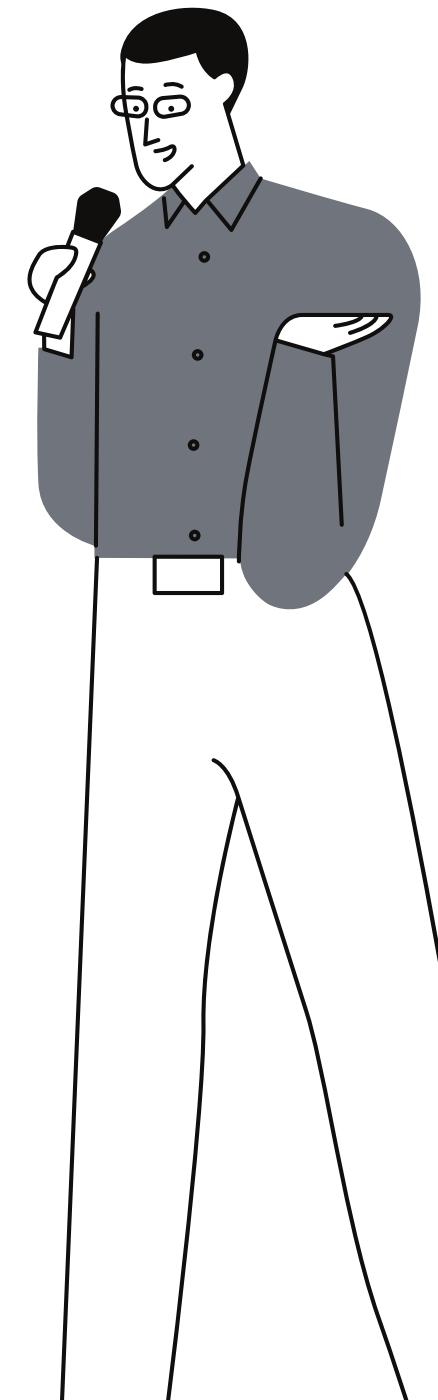
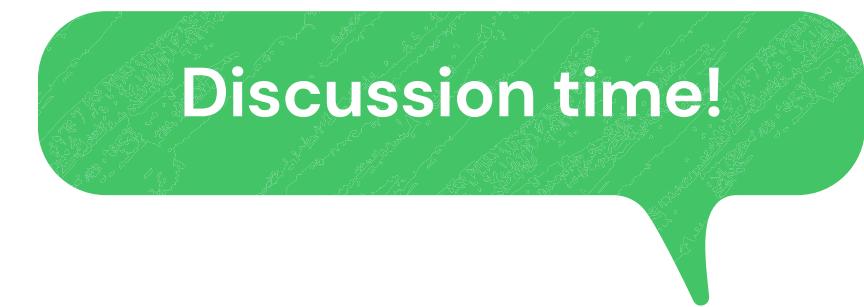
A team of high school students in New Castle County built remote-controlled "Drawbots" that hold pens or markers and can be controlled with a joystick.



Students in the Odyssey Angels program help students with disabilities make art using "Drawbots" they built for a project. *ELAINE KARI PHOTO*

How would you describe art made this way?

Collaboration with a human?
Purely human? Or purely robot?

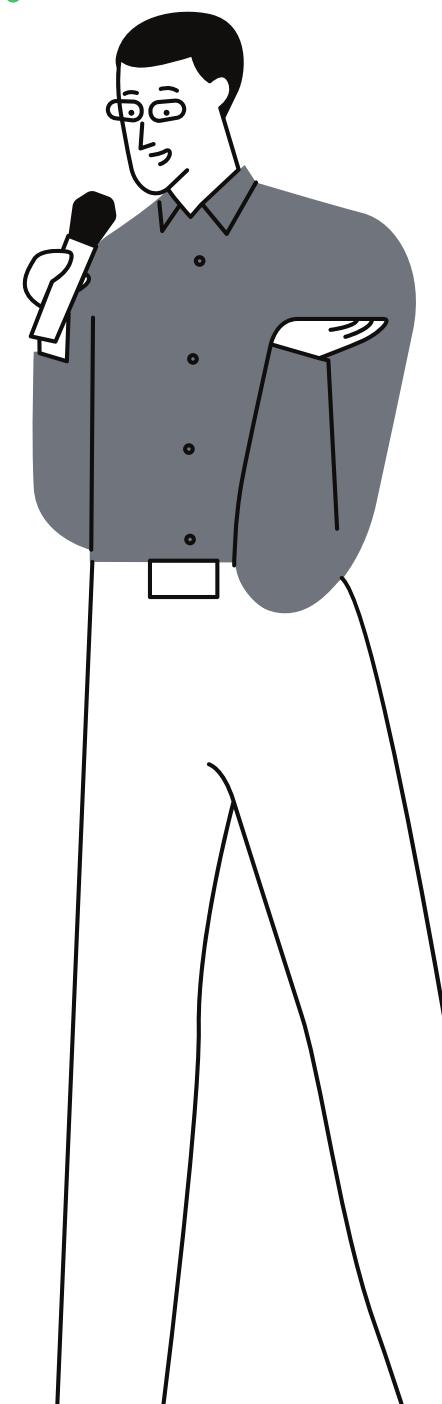


Let's talk about...

Telepresence Robots and Art

A telepresence robot is a remote-controlled, wheeled device that has wireless internet connectivity.

Typically, the robot uses a tablet to provide video and audio capabilities.





Picture: Courtesy of Bristol Robotics Laboratory

Recent research shows that telepresence technology **becomes a mechanism for communication and collaboration** between the museum and members of the community, allowing individuals previously unable to visit to experience the collection and contribute to the museum's interpretive narrative.

"Undesigning Disability"

- San Francisco Museum
of Modern Art

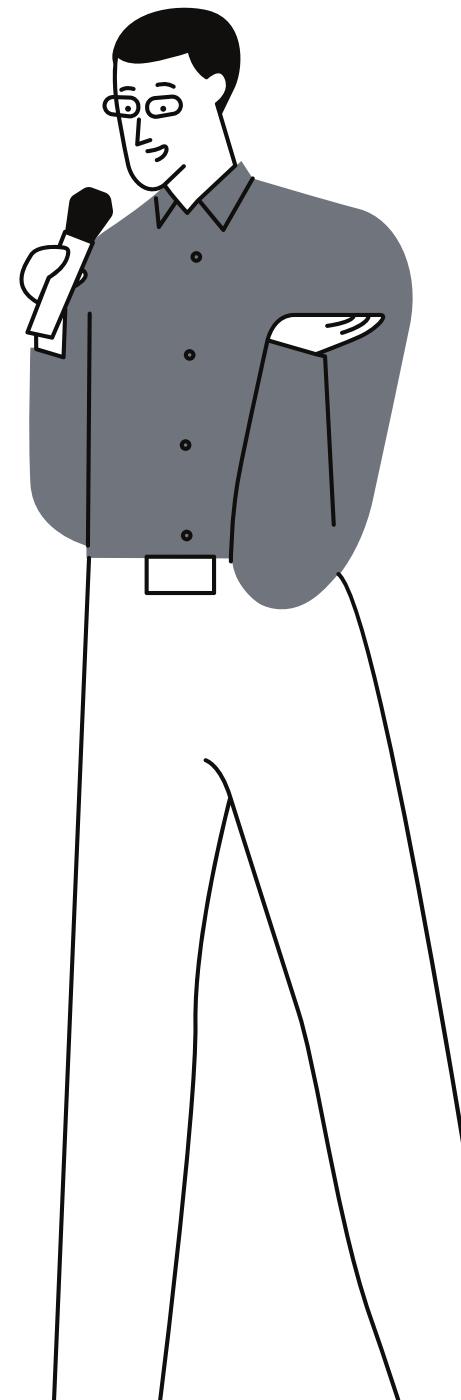
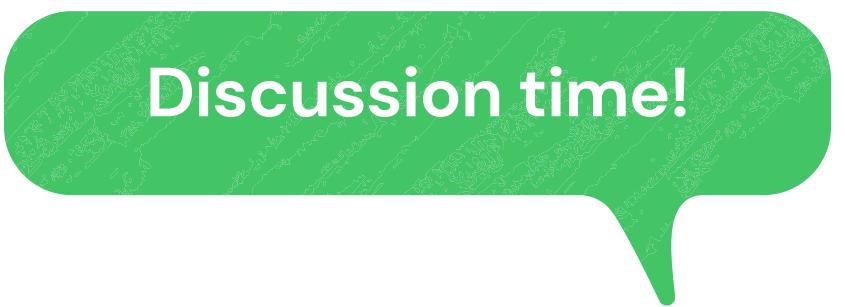


A homebound five-year-old visited the permanent collection of the de Young museum in San Francisco using the museum's Beam.

The Beam is a telepresence robot with a computer monitor-sized screen, a camera atop a set of curved legs, and a simple wheeled base that create an anthropomorphic effect — particularly because the screen displays the face of the user about five feet from the ground.

On this occasion, the Beam and its user **roamed the gallery spaces while the museum was closed to the public.**

**Will telepresence robots take over art
and gallery spaces in the future for
convenient access to the audience,
regardless of ability?**





"How AI could increase art world accessibility for disabled artists"

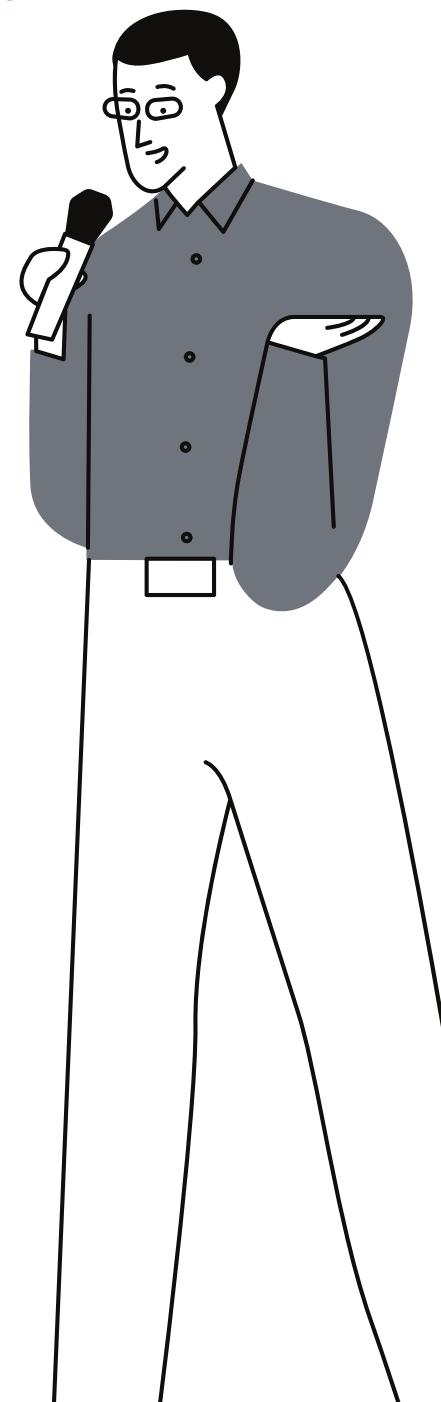
Illustration by Reija Meriläinen

"There are few opportunities for artists with disabilities," Aidan Moseby tells me, an artist and curator whose work has included auditing arts organisations within a disability context. This is why they need to "create (their) own ecology. Show beyond galleries. Take the initiative. Subvert the power structures of the normative art world". To do this, AI and other innovative technologies "can facilitate some of this subversion," and even "change perceived deficits into positives".

“Ultimately, technology **is not the panacea**. Good ideas are the basis of good art, and technology doesn’t make good art by itself” – Aidan Moseby

“Ultimately, technology is not the panacea. Good ideas are the basis of good art, and technology doesn’t make good art by itself” – Aidan Moseby

Discussion time!



Would you agree or disagree with Aidan Moseby?

Thank you!