



Welcome to the 11th Annual Assistive Technology Faire

Brought to you by

Perspectives in Assistive Technology

Vendors



- ▶ **Yahoo Accessibility** – Yahoo! – Betty Troy
- ▶ **911 Finder Cellular Watch** – 911 Tracker – Chuck Roedel
- ▶ **Beeline Reader** – Nick Lum
- ▶ **Canine Companions** –
- ▶ **TranscribeGlass** – TinkerTech Labs – Tom Pritsky
- ▶ **Silicon Valley Independent Living Center** – Joe Escalante
- ▶ **Benetech** – Bookshare Reader – Charles LaPierre
- ▶ **Biofeedback Upper-limb Device** – Blynn L. Shideler III
- ▶ **Magical Kaleidoscope** – Magic^3 – Aya Mouallem
- ▶ **Dog Feeding Aid** – Hungry Dawgs – The Stickneys
- ▶ **i-Limb, i-Digits & Virtu-limb** – Ossur – Kristy Powell
- ▶ **Momentum** – Megan Henry
- ▶ **TINA** – TINA Healthcare – Ali Kight
- ▶ **Alpapato Project** – Anna Laura Parks for Everybody – Rudi Henrique Fischer

Thank you for your participation!

Yahoo Accessibility



Yahoo! – Betty Troy



"Making our apps and websites usable and enjoyable for everyone is a high priority to us at Yahoo! We test our products with users who use assistive technologies. Some technologies used include screen readers, magnifiers, refreshable braille displays, switches, or large print keyboards. Testing with real users helps us to understand, examine, innovate, and ensure that our apps and websites are accessible and delightful to use for everyone. Visit Yahoo's table and try reading and writing a message using a refreshable braille display, perform a search using magnification and a large print keyboard, or use switches or a screen reader to navigate our homepage page."

911 Finder Cellular



911 Tracker - Chuck Roedel



"The **911 Finder** provides peace of mind for the caregiver that the wearer is safe. The wearer and caregiver can call each other with the touch of a button. The caregiver's 911 Finder App receives an alert if wearer is outside Safe Zone, falls down, or removes Finder. If the caregiver believes the wearer is having an emergency, they can tap the App commanding Finder to use our patented method to call 911-Operator nearest the wearer. The Finder speaks the caregiver's name and phone number and the wearer's real-time GPS location."

BeeLine Reader



BeeLine Reader, Inc - Nick Lum



BeeLine Reader is a software tool that improves reading ability by displaying text using a color gradient that wraps from the end of one line to the beginning of the next. This gradient pulls the reader's eyes through the text, making reading easier. This approach is especially helpful for readers with dyslexia, ADHD, and various vision impairments.

Canine Companions



CC –



"**Canine Companions** is a national organization that enhances the lives of people with disabilities by providing highly trained service dogs at no charge to the recipient. Since our founding in 1975, Canine Companions has provided over 5,000 service dogs to people with disabilities. We now have six regional training centers and serve people throughout the US."

TranscribeGlass



TinkerTech Labs – Tom Pritsky



"**TranscribeGlass** is an affordable, lightweight, all-day wearable augmented reality (AR) smart glass that enables heads up closed captioning for the Deaf/HOH, or 'subtitles for the real world'. At a target price of less than \$100, TranscribeGlass fills the void for an affordable, comfortable, accessible, and convenient real-time heads-up captioning solution for people who rely on captions to improve their communication of what is being said, including the d/Deaf, Hard of Hearing, people with learning disorders, and older adults."

Silicon Valley Independent Living Center



Silicon Valley Independent Living Center - Joe Escalante



Silicon Valley Independent Living Center (SVILC) is a cross-disability, intergenerational, and multicultural disability justice organization that creates fully inclusive communities that value the dignity, equality, freedom and worth of every human being. SVILC maintains a lending library of assistive technology so consumers may borrow a device free of charge and try it before buying it, use it to compare similar devices, or to use while a personal device is being repaired.

Bookshare Reader



Benetech – Charles LaPierre



"**Bookshare**, a Benetech Initiative, makes reading easier. People with dyslexia, blindness, cerebral palsy, and other reading barriers can customize their experience to suit their learning style and find virtually any book they need for school, work, or the joy of reading. Read what you want, where you want with Bookshare Reader, a free reading app that makes reading and learning easier. Access millions of ebooks from the Bookshare, the world's largest library of ebooks for people with reading challenges. Bookshare Web Reader is an accessible eBook reader that lets you read Bookshare books from within your Internet browser. No need to download reading tools or book files!"

Biofeedback Upper-limb Device



Blynn L. Shideler III



BUDI is an instrumented bracelet incorporating sensors that captures motion and provides daily feedback to physical therapists on how individuals with cerebral palsy, including kids, are performing their therapy exercises with the goal of building strength and improving motor skills.

Magical Kaleidoscope



Magic^3 - Aya Mouallem, Kat Medill, and Grace Shaib



The **Magical Kaleidoscope** was a 2022 student team project that has a variety of lenses with intentionally accessible color choices and designs inspired by nature and geometry. The lenses can be controlled via a handle that rotates to change the lens seen through the kaleidoscope and its internally reflective mirrors. The project provides a universally enjoyable experience that is particularly accessible to three groups of users: visitors on the autism spectrum, color-blind visitors, and visitors in wheelchairs.

Dog Feeding Aid



Hungry Dawgs - Stickneys: Danny, Kiara, Stanford, and Korey



The **Dog Feeding Aid** was a 2022 student team project that allows Danny to independently feed his service dog by pouring food into a wide funnel at wheelchair height that slides down a tube into a bowl connected to the slide supported by a sturdy base.

i-Limb, i-Digits, and Virtu-limb



Össur - Kristy Powell, OTR/L



i-Limb and **i-Digits** are myoelectric prosthetic devices to assist upper limb amputees with their Activities of Daily Living. **Virtu-limbs** are biofeedback devices that provide a means for myotesting and pre-prosthetic training.

Momentum



Megan Henry



For over 75 years our **Momentum** has been providing resources and services for children and adults to maximize their independence. In 1945, a small group of dedicated parents and volunteers in Los Angeles united to provide home and community-based services for their children when no services of this kind existed. Today, the organization they founded and nurtured is known as Momentum and we remain true to our mission of advancing the independence, productivity and full citizenship of children and adults with disabilities and medical conditions.

TINA



TINA Healthcare - Ali Kight, PhD Candidate



TINA Healthcare has built the first assistive device for menstruation. Our product, **TINA**, the Tampon INsertion Aid, is a reusable device that clips onto off-the-shelf tampons and facilitates insertion and removal. TINA was originally designed for people with spinal cord injuries but now supports people with a broad range of mobility limitations and body types. TINA Healthcare's mission is to build a suite of products that enables and empowers every body to manage their menstrual cycles and reproductive health with ease and comfort.

Alpapato Project



Anna Laura Parks For Everybody - Rodolfo (Rudi) Henrique Fischer



The **Alpapato Project** in Brazil creates, builds, and donates parks and equipment for children with and without disabilities with three main objectives: fun, socialization, and therapy. The playgrounds house several toys and play equipment that enhance play and promote interaction. Nine parks are currently in operation throughout the country with one to three additional parks planned every year.

