Agenda

• This talk will present what’s new in AT and the Aging in Place movement as we explore where we were, where we are, and perhaps, where we are going. During the session presenters will share information about low, middle and high tech assistive technologies. Discussion will focus on tracking technological trends including apps, mobile devices, robotics, wearable technologies and more. Apps to assist with aging well will be shown and resources for tracking trends will be shared. There are many obstacles older individuals encounter daily that can hinder them from remaining at home and in the communities of their choice.

• Please join us for an insightful session that will shed some light on assistive technology strategies, solutions and devices that are used to help individuals age successfully in communities of their choice. Presenters will share real-life examples of AT that assists with fall detection and prevention, environmental control, memory, healthy-living, hearing, seeing, communication, and computer access. If you are currently working with or have family and friends that would like to age in place successfully, then this session is for you!

For Handouts: http://www.gatfl.gatech.edu/tflwiki
AMAC Accessibility

AMAC creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- **Accessibility Consulting** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and website accessibility solutions.

- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics only using cutting-edge technology.

- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.

- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.

- **Certified Assistive Technology team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.

For more information, please visit our website at [www.amacusg.org](http://www.amacusg.org)
Tools for Life Mission

We’re here to help Georgians with disabilities gain access to and acquisition of assistive technology devices and assistive technology services so they can live, learn, work, and play independently in the communities of their choice.
Tools for Life & TFL Network

• TFL developed Georgia’s Plan for AT
  • We serve individuals of all ages & all disabilities in Georgia
    • Over 50,000 thru various activities throughout the year
• TFL Network
  • Assistive Technology Resource Centers/Outreach Sites
  • Lending Libraries
  • Training and Demonstrations
  • AT Reuse
  • AT Funding Education and Resources
• Online Resources
  • www.gatfl.org - 5,000 unique visitors a month
Tools for Life endeavors to break down the barriers which prevent individuals with disabilities, their families, and service providers from acquiring and effectively using Assistive Technologies to gain greater independence.

- To insure that AT products are available to Georgians with disabilities
- Eliminate Funding Barriers
The TFL Network is Growing!
Join us for Webinars and Visit our Archives!

Tools for Life Online Professional Development

• Tools for Life offers online professional development to help you learn more about assistive technology strategies and solutions as well as the most recent information on AT devices and disability related issues and trends.

• Webinar content and materials are developed and presented by one of the Tools for Life team members along with other regional and national leaders in the assistive technology community.

• To join the TFL mailing list to receive our email announcements, visit www.gatfl.gatech.edu
Come Visit Us!
• Assistive Technology strategies and solutions can help support those living with disabilities, the aging population and those who have problems with:
  – speaking
  – hearing
  – seeing
  – moving around
  – getting places
  – memory
  – cognition (thought processes and understanding)
  – daily living activities, such as dressing and preparing meals
  – socializing.
Future

• Level out the playing field
• The Future is Contextual
  – GPS apps
  – Ads on Internet
  – Smart watches
  – Social Media
Locabulary

- Uses GPS to track user location and suggests appropriate vocabulary based on location
  - ie: McDonald’s, Starbucks
- A keyboard to type for text-to-speech
- User can tag their own locations and create vocabulary for each location
- Lite version Free
- Pro version $130
Adaptive Switch Laboratories (ASL)

Products / New Products

ASL brings innovative products to our clients! We are here to help each client reach their full potential – our team creates products and designs as a direct result of the needs of those we serve. Our goal has always been independence and equal rights for those we work with....
Bestic Feeder

- Bestic can best be described as a small, robotic arm with a spoon in the end that can easily be maneuvered.

- Bestic is small and compact, has an attractive, discreet design and is very quiet which makes it blend into the dining environment in a natural way.

- By choosing a suitable control device, the user can independently control the movement of the spoon on the plate and choose what and when to eat.
T. Jacket

- **Wearable technology vest**
  - Provides customizable deep touch pressure
    - Uses adjustable air pressure compression controlled via smartphone app
Amazon Echo

• Speech-controlled speaker system
• Voice recognition - further distances
• Timers, news, information
• Invitation only
• $199, $99 Prime members
Know Your Tablets!

Consider Accessibility
iOS 8 is Here: Typing made Easier

Our smartest keyboard ever.

iOS 8 makes typing easier by suggesting contextually appropriate words to complete your sentences. It even recognizes to whom you’re typing and whether you’re in Mail or Messages. Because your tone in an email may be different from your tone in a message.

Learn more >
Reminders

- Built-in App
- Works with VoiceOver
- Organize your reminders
- Siri
- iPad
Google Now

Introducing Google Now

The right information at just the right time

From knowing the weather before you start your day, to planning the best route to avoid traffic, or even checking your favorite team’s score while they’re playing, Google Now brings you the information you want, when you need it.

Assistance around the clock
Rapid SOS One-Touch-911

- Alert emergency responders even if you can’t speak or don’t know your location
- Enter your relevant medical information and demographic data
- Uses HTTPS, SMS, or native dialing
  - Connects over any medium-
  - Bluetooth
  - Data
  - Wifi
  - SMS
- Packages your data and routes it to local first responders

www.rapidsos.com
**ARIANNA**

- **Path Recognition for Indoor Assisted Navigation** with Augmented Perception
- Flexible and low cost navigation system for visually impaired
- Navigate colored paths painted or stuck on the floor revealing their directions through vibrational feedback
TapTapSee

• Designed to help people with low vision identify objects they encounter in their daily lives.
• Double tap the screen to take a photo of anything, at any angle, and hear the app speak the identification back to you.
• Requires VoiceOver to be turned on.
Pixie

- Maps all of the digital things in your life
- Place a pixie chip on any device and map will tell you it's precise location
- [https://www.getpixie.com/](https://www.getpixie.com/)
Talkitt

- Enables people who have motor, speech, and language disorders to easily communicate using their own voice
- Translates unintelligible pronunciation from any language into understandable speech
iBeacon Technology

• Estimote Beacons
  – Wireless sensors that attached to any location or object
  – Broadcasts radio signals to smartphone
  – https://www.youtube.com/watch?v=lwnmx-5mBLM
iMovie

• Share information via Facebook, Twitter, Email, or SMS
• Upload photos
SkyGrid

• Personalize news events by categories
• Simple interface
• Free

www.skygrid.com
iZen Garden

- Choose from 100s of objects, plants and creatures to place in your garden
- Rake the sand and share your creations
- Helps you to center your mind, relax your psyche and relieve your stress
Breathe2Relax

• Portable stress management tool
• Detailed information on the effects of stress on the body
• Instructions and practice exercises to learn the stress management skill called diaphragmatic breathing
Telepresence Robots
VGo Telepresence Robot

• Enables a person to be in one location and have the freedom to move around in another location as if they were physically there.
• Reduces travel costs
• School
• Hospital
• Work Remotely
People with Disabilities in the Work Place

VGo increases productivity and effectiveness while lowering costs by enabling a person to get to a location instantly and easily. VGo is not designed as a replacement for in-person interaction but rather as the next best alternative to "being" in the workplace. VGo also eliminates the deficiencies associated with other video solutions that are locked to a TV or computer monitor by providing 100% remote controlled mobility.

In addition to "being" at work from home, VGo can help people who can get to the workplace, but who cannot practically move about the facility or campus. A VGo can be used to enable a person to move around in one part of the facility while they are physically in another.

The benefits of using VGo in the workplace include

- Getting to places previously inaccessible increases opportunities
- Freedom of movement increases personal interaction with others
- Quality of life improvements by expanding the work and social environments
- Costs can be reduced by lowering or eliminating select transportation expenses, and by communications and speeding decision making
Lechal Haptic In Soles

- Connects to smartphone via Bluetooth technology
- Foot gestures and voice commands
- Navigation via vibration of the soles, i.e.: left sole turn left
- [http://lechal.com/products.html](http://lechal.com/products.html)
Lumo Lift

- Lumo for back and head/shoulders
- Sends gentle vibration alert when posture needs to be corrected
- http://www.lumobodytech.com/
Viper SmartStart

• Remote start your car from the comfort of your home or office
• Remotely unlock and lock your vehicle right from your smartphone
• Locate and track your car, and receive alerts when your vehicle reaches a certain speed or enters or leaves a designated area
Accessible Gaming
TFL Gaming Initiative

• There are many benefits to playing games
  – Improved Hand/Eye coordination
  – Increased problem solving and cognitive function
  – Better handle stressful environments
  – Social outlet
• Tools for Life has recognized the importance of play and is starting an initiative dedicated to gaming with disabilities. Some objectives of the program are:
  – Demonstrate the accessibility of gaming
  – Build relationships with developers and aid in creating more accessible games
  – Increase public awareness of the importance of accessibility in games
Environmental Access
Environmental Controls

VeraLite
Smart Home Controller

**YOUR NEW ASSISTANT**

Home control doesn’t have to be complicated or expensive. So we came up with the VeraLite Smart Controller, which is simple and inexpensive. It may be small, but it’s capable of big things!

- Easily manages up to 70 devices
- Plug and play with your Internet connection
- Controls over 750 smart products of all kinds
- Custom text and email alerts for any situation

VerarLite gives you easy control over lights, cameras, thermostats, door locks alarm systems and more. Plus you easily can add intelligence to almost anything electronic in your home, and VeraLite can control them too. All the smart home benefits you’ve been looking for are right here in this easy, inexpensive add-on to your home network.

**AN AMAZING AMOUNT OF SMART TECHNOLOGY THAT FITS IN THE PALM OF YOUR HAND.**

VeraLite gives you easy control over lights, cameras, thermostats, door locks alarm systems and more.

**ONLY $179.95**
Our Question to You: What have You Learned today?
The Tools for Life Team

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Disclaimer
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