Charting the Life Course

Independence, Inclusion and Access: Looking at Assistive Technology Devices and Services

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Life Course Framework

Life is a journey.
Our lives are not static, they change every day.

It’s all about vision.
Anything is possible, with the right vision.

Everything is connected.
What you do today affects your life in the future.
Life Course questions

- How can technology assist you with helping me with daily activities?

- Is there technology to assist me with school activities?

- Are you helping me explore assistive technology that would help with learning, employment and adult living skills?

- Is there assistive technology that can help me with my daily activities?

- How can technology assist me to live as independently as possible and age in place?
Assistive technology devices and services can help people with disabilities have greater control over their own lives; participate in, and contribute more fully, in activities in their homes, schools, and work environments, and in their communities; interact to a greater extent with people who do not have disabilities; and otherwise benefit from opportunities that are taken for granted by people who do not have disabilities.

[TECHNOLOGY-RELATED ASSISTANCE FOR INDIVIDUALS WITH DISABILITIES ACT AMENDMENTS OF 1994 (P.L. 103-218)]
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Independence, Inclusion and Access:
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David Baker
MO Assistive Technology
Assistive Technology
Who Am I?

• Program Coordinator at Missouri Assistive Technology
• Over 15 years of experience with application of assistive technology
• Believe we live in time in which we can better assist people with disabilities
Webinar Objectives

• Participants will be able to identify assistive technology that can support people with disabilities in all areas of the lifespan.
• Participants will be able to identify resources in Missouri to learn more about assistive technology.
• Participants will be able to identify funding resources.
**Definition of AT and AT Services**

**Devices**

“any item, piece of equipment or product system, whether acquired commercially off the shelf, modified or customized, that is used to increase, maintain, or improve the functional capabilities of children with disabilities.”

**Services**

“any service that directly assists an individual with a disability in the selection, acquisition, or use of assistive technology.”
Who Uses Assistive Technology?

- Assistive technology is used by persons who
  - are deaf or hard-of-hearing
  - are blind or have low vision
  - have mental or psychiatric disabilities
  - have cognitive/developmental disabilities
  - have physical/motor disabilities
  - have multiple or invisible disabilities
AT Continuum

No Tech
Simple Modifications
Without Technology

Low Tech
Less Sophisticated
Low-cost Tools

Medium Tech
Relatively Complicated
Mechanical Devices

High Tech
Very Advanced
Computers and Digital Devices
Daily Living

Braille Labeler

Screen Magnification

Electronic Enlarging

Screen Reading
Daily Living

Adapted Keyboards  Touch Monitors  Mouse Alternatives

Adjustable Furniture  Ergonomic Adaptations
Daily Living

Speech-to-Text Software

Word Prediction Software

Voice Input Software

Livescribe Pen
Daily Living

- Assistive Listening Device
- Amplified Telephone
- Ubi-Duo
- Alerting Devices
Community Living

- Big Number/Color Contrast Measuring Cups
- Vegetable Slicer
- High Contrast / Specialized Cutting Boards
- Finger Scrubber
- One-Handed Can and Bottle Openers
- Non-Skid Mats
Community Living

- Utensil Cuff
- EZGrip Weighted Utensils
- Rocker Knife
- Adapted Dishware
Community Living

- Writing Aids
- Voice-Activated Clocks
- Books Stands / Page Holders
- Power Scrubbers
- Long-Handled Duster
Community Living

- T-Turning Handle
- Cord Puller
- Wall Switch Extension Handle
- Door Knob Extender
- Lamp Switch Enlarger
Community Living

- Chore Pad HD
- Grocery Gadget
- Photo Cookbook
- Big Day
- Side Kick
- Weather Station
Social & Spirituality

- Dynamic Display
- Digitized Device
- Voice Amplification
- Text to Speech
- iPad
Social & Spirituality

Large Print Playing Cards and Card Stander

Adapted Games

Adapted Gardening Tools

Readers
Healthy Living

- Medication Schedulers
- Medication Minders
- Emergency Communication Devices
- Health Monitors
- Emotional Control
Safety & Security

Remote Door Lock

Doorbell with Flashing Strobe and Chime

Flashing/Silent Call Smoke Alarm

Door Wedge Alarm

Personal Alert System
Funding Assistive Technology

- Medicaid
- Medicare
- Private Insurance
- School Districts
- DMH Waiver Programs
- Non-Profit Agencies
- Philanthropies
Assistive Technology Resources

**MOAT Programs**

- Show-Me Loans Program
- ETC Program
- TAP-T Program
- TAP-I Program
- Demonstration Centers
- Device Recycling & Exchange Programs
- AT Consultations

800-647-8557

www.at.mo.gov

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Survey

Please take the time to fill out your evaluation of this webinar and tell us what you thought!

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Special Thanks

• David Baker, MO Assistive Technology
• MODHSS Special Health Care Needs
• Missouri Developmental Disabilities Council
• DMH Regional Offices & Family Support Coordinators
For more information

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