

Assistive Technology Solutions for Successful Aging

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www.gatfl.gatech.edu

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ATIA



www.amacusg.org

Agenda

- Welcome to the Assistive Technology revolution! The world around us is evolving at an astounding rate. Assistive Technology developments have been foundational in this evolution and a catalyst producing positive life-changing results for individuals with disabilities. This talk will present what's new in AT and in the AT community as we explore where we were, where we are, and perhaps, where we are going.

For Handouts: <http://www.gatfl.gatech.edu/tflwiki>



Accessibility Made Smart

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

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.



TechSage (RERC)

- Funded by: National Institute on Disability and Rehabilitation Research (NIDRR), Dept. of Ed
- Timeline: Oct 1, 2013 – Sept 30, 2018
- Amount: \$4.6 million (\$925k/year) + ~ \$1 million GT cost share
- Interdisciplinary: CoA (ID, GIS, AMAC), CoS (Psych), CoE (BME), CoC (HCI/HCC), IPAT (IMTC, Awarehome), GTRI, Emory Ctr. for Health in Aging, CS/Engineering USC

TechSage Mission

To conduct programs of advanced rehabilitation engineering (RE) and technical R&D to increase knowledge about, availability of, and access to **effective, universally-designed technologies that enable people to sustain independence, maintain health, safely engage in basic activities of daily living at home and community, and participate in society as they age with disability.**

Core Principles and Strategies

- Focus on People with Disability who are Experiencing Age-Related Limitations
- A Basis in User Needs
- UD as the Fundamental Goal of all Efforts
- Multi and Interdisciplinary Approach to Improving Rehabilitation Outcomes

- Research (Rogers)
 - R1. User Needs (Rogers, Fain, Jones)
 - R2. Effects of Hearing Loss (Bruce, Echt)
 - R3. Exercise Telerobotics (Mitzner, Beer)
- Development (Price)
 - D1. App Development
 - D1.1. Cognitive Training Game (Gandy-Kennedy)
 - D1.2. Route Planning App (Sanford, Guhathakurta)
 - D1.3. Mobile App to Measure Gait (Jones, Johnson)
 - D2. SmartBathroom Technologies (Sanford, Jones)
 - D3. Intelligent Robotics (Kemp)
- Training (Sanford)
 - T1. Online Education (Phillips)
 - T2. Post Secondary Education (Sanford)
 - T3. UD Competition (Rébola)
- Dissemination (Mitzner)

[Home](#) » [Projects](#) » [Development Projects](#) » App Factory (D1)

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Projects

[Research Projects](#)

[Development Projects](#)

[Training Projects](#)

App Factory (D1)

The overall purpose of this project is to advance universal design in the wireless community. The objectives of this project are development, deployment, and adoption of software applications ("apps") to enhance the utility and usability of wireless products and services for wireless customers with and without disabilities.

App Factory output will include apps designed specifically to address barriers to wireless access and use by people with cognitive, physical, sensory, and/or speech disabilities. Wherever practical, these apps will incorporate features useful to all customers, with or without disabilities.

A complementary objective of this project is development of a practical model for consumer participation in the process of app development. This process engages the community of people with disabilities throughout the process of envisioning, designing, testing, refining, and disseminating applications.

Latest News

[Wireless RERC Researchers Present at CDC Grand Rounds](#)

[Last Call for 2013-14 App Developers](#)

[Technology Transitions Policy Task Force Workshop](#)

[More News](#)

Upcoming Events

September 30, 2013 - 7:00am

[STEM Diversity Career Expo](#)

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Georgia Institute of Technology

Human Factors & Aging Laboratory

*We are able to implement various methodologies
to address many types of research questions -*

Tracy Mitzner

[Overview](#)[Projects](#)[Opportunities](#)[Publications](#)[People](#)[Photos](#)[News](#)[Links](#)[Contact Us](#)

Overview of the Human Factors and Aging Laboratory

Points of Excellence

- Our research advances both science and practice
- We aim to improve quality of life for adults of all ages
- Students graduating from our lab are very successful



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A⁺ A⁻

[Participant Information \(PDF\)](#)

[i Older Adults](#)

[i Younger Adults](#)

News

Science20 feature
on assistive robot

Resources

[i Senior-to-Senior Brochure](#)

Sponsors

Aging in Place: Questions to Consider

- Safety
 - ADLs
 - Self care
- Physical barriers
 - Emergency exits
 - Entrance
 - Hallways
 - Living room
 - Kitchen
 - Bedroom
 - Bathrooms
 - Utility room

Safety questions for the exterior and entrances include:

- ☐ Is there adequate lighting to see walkways and entrances?
- ☐ Are steps in good repair and do they have non-slip surfaces?
- ☐ Are there handrails for the steps and are handrails securely fastened?
- ☐ Do the handrails run continuously from the top to the bottom of the entire flight of stairs?

Strategies & Solutions for...Entrances/Doorways

- **Widen exterior walkways for safety.**
- **Widen entrances and doorways to provide easier access for both wheelchair users and non-users; minimum doorway width for wheelchair passage is 32 inches.**
- **Install handles, pulls, latches, and locks on doors that are easier to grasp with one hand and that do not require tight grasping, pinching, or twisting.**
- **Place lever, push types, or U-shaped handles over existing round doorknobs to allow easier opening of doors.**
- **Lower thresholds to allow safer and easier entrance for wheelchair users and non-users.**

- Half-Step- consider using if the first step is too large, works for indoor and outdoor stairs



- Anywhere lighting- Such as stick-n- click or Push on Lights to brighten up dark staircases



- Skid resistant indoor/ outdoor rugs/ mats



- Keyless locks



- Handrails/ grab bars



- Stair lifts- look for one with a seat configuration that is height-adjustable, compact and folds up (so others in your house can use the stairs). The ideal stair lift should also have a full backrest for maximum seated comfort.
- Half-Step- consider using if the first step is too large, works for indoor and outdoor stairs
- Anywhere lighting- Such as stick-n- click or Push on Lights to brighten up dark staircases



- Anywhere lighting- Such as stick-n- click or Push on Lights to brighten up dark staircases

- Skid-resistant rugs



- Smoke alarm for deaf/hard of hearing



- Organize cords- cost efficient use toilet paper rolls



AT Solutions: Living Room

- Non-Slip rugs
- Proper height furniture
- Remote for TV
- TV Ears
- Magnifier
- Stands for books/ tablets / food
- Cords organized (declutter)
- Lighting
- Environmental controls for Lights/ blinds/ etc
- Easy to reach phones
- Easy assist lift for chairs



Lights



Lamp voice control



Caseta Wireless Remote Plug-In White Lamp Dimmer Kit

Telephones



Logitech Harmony Remote

The Logitech Harmony Remote product line has recently added a hub and an app for your mobile device that allow you to control your entertainment devices.

Multiple tasks, such as turning on the TV, switching it to the appropriate source, turning on the cable box and the audio receiver can be programmed into a single button.



Environmental Controls

<http://getvera.com/controllers/veralite/>



HOME

PRODUCTS

APPS

ABOUT US

BLOG

SUPPORT

BUY

CONTROL

How It Works >

VeraLite

Smart Home Controller

Home / Controllers / VeraLite

Description

Features & Specs

Warranty & Support

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



VeraLite 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

WHAT'S IN THE BOX



Georgia's Assistive Technology Act Program

User Interfaces

Vera gateways can be controlled with a number of different interfaces.

- First Party Software
 - PC
 - MAC
 - Smartphone App
- Third Party Software
 - Smartphone Apps
 - TASKER! (Android only)



- Automatic soap dispensers
- Automatic trash cans
- Automatic appliances (can openers)
- Jar grippers/Jar openers
- Adaptive utensils/ cups/ plates
- Adaptive cutting boards
- Fire alarm for deaf/ hard of hearing
- Motion sensor faucets
- Smart appliances (fridge)
- Pill reminder with alarm
- Pullout drawers for cabinets
- Push on lights
- Reachers
- Talking scales
- Color coded measuring cups/ spoons
- Longer sleeved pot holders
- Step stool



Motorized Options

- Cabinets
- Sinks
- Stoves



http://www.iltsource.com/Approach_for_the_Kitchen_and_Bath_s/78.htm

Accessible Storage

Store food/beverages on lower shelves

Lazy Susan and rollout cabinets can improve access



Refrigerator



Keep food/beverages
on lower shelves

Lazy Susan allows for
improved access to
items in stored near the
back of the fridge

Automatic Faucet Control



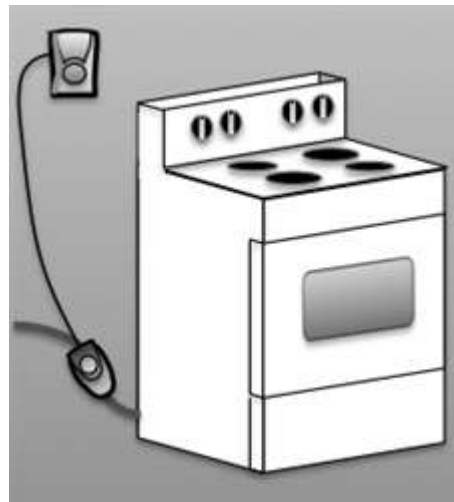
- Inexpensive \$15
- Easy to install
- Turn water on/off by making contact with the wand

Kitchen Safety



Stove Reminder

- Senses when stove is in use
- Chimes and light flashes every 10 minutes if stove is on



Kitchen Safety

- Program to automatically turn off the stove or oven if not activity detected



Cookstop Automatic Stove/Oven Control

Contrast in the Kitchen



Source: www.afb.org

Pots & Pans



Improve access to equipment to improve safety and independence

Kitchen Tools

Tools and small appliances that increase safety and independence



Bedroom

- Flooring surface and space
- Telephone access
- Access to closet
- No throw rugs
- Medical supplies
- Transfers in and out of bed
- Access to lighting
- Chair with arms can increase safety when dressing

AT Solutions: Bedrooms

- Lighting
- Talking alarms
- Bed shaker
- Dressing stick
- Long handle shoe horn
- Easy to reach bedside lights
- Easy to reach phone



- Cord organizer
- Night lights
- Chair (for getting dressed if needed)



Mobility aids



Pocket Dresser



Closets

- Pull-Down Closet Rods
- Automated Wardrobe Lifts
- Slide-Out Shelving
- Lap-Height Shelving
- Waist-Height Shoe Racks
- Tilt-Out Hampers





Bathrooms

- Non-slip floor/ tiles
- Automatic soap/ toothpaste dispenser
- Universal quad cuff (tooth brush/ hair brush)
- Anti-fog mirror
- Grab bars
- Talking scales
- Lightening
- Shower chair
- Moveable shower head
- Chair (sit to do hair/ makeup)
- Heated floors
- Heated towel rack
- Floss Aide
- Automatic dryer
- Raised toilets
- Night lights
- Grippers for faucets



Bathroom

No threshold walk-in or roll-in shower with non-slip flooring and a bath seat in tub or built in bench in shower to allow for seated bathing

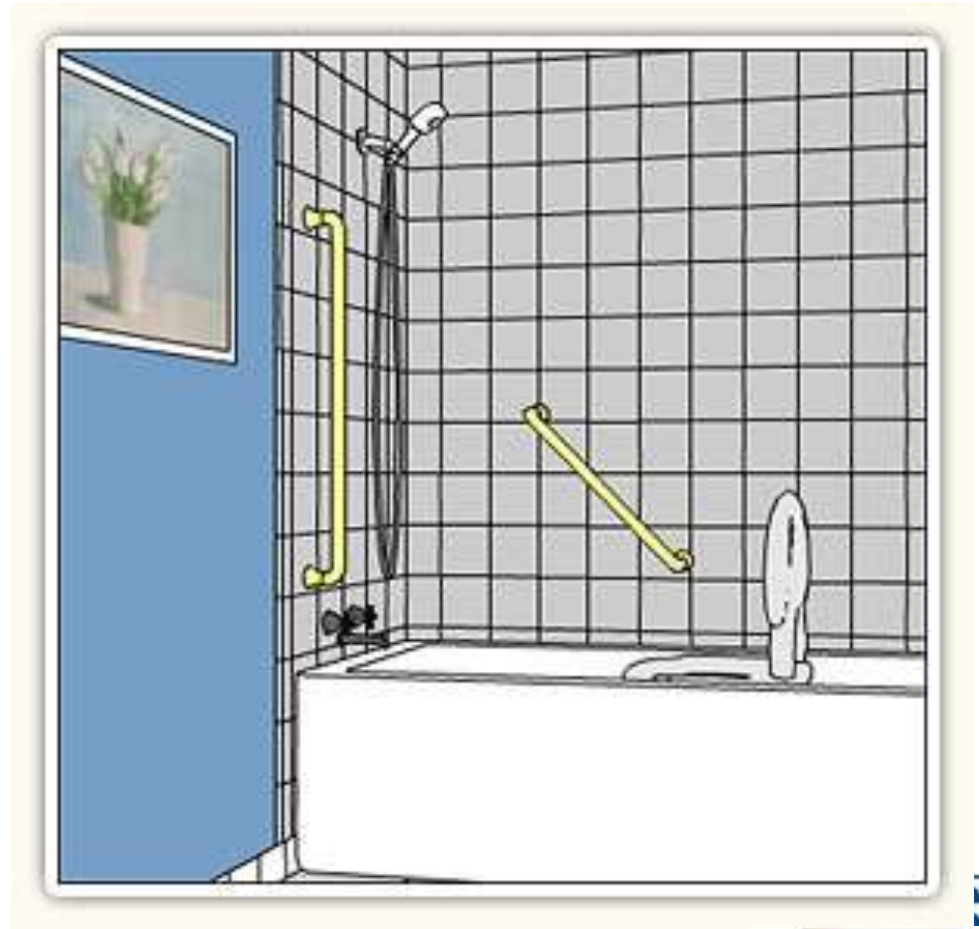
Adjustable height handheld showerhead
grab bars

Easy-to-reach anti-scald faucets with lever style handles on sink and in bathtub or shower

Raised comfort height toilet with seat 17 to 19 inches off the floor

Bathroom Safety

Installation and proper placement of grab bars increase safety and function



Bathroom Safety



Bathroom Sink



Safety

Anti-Scalding Faucet

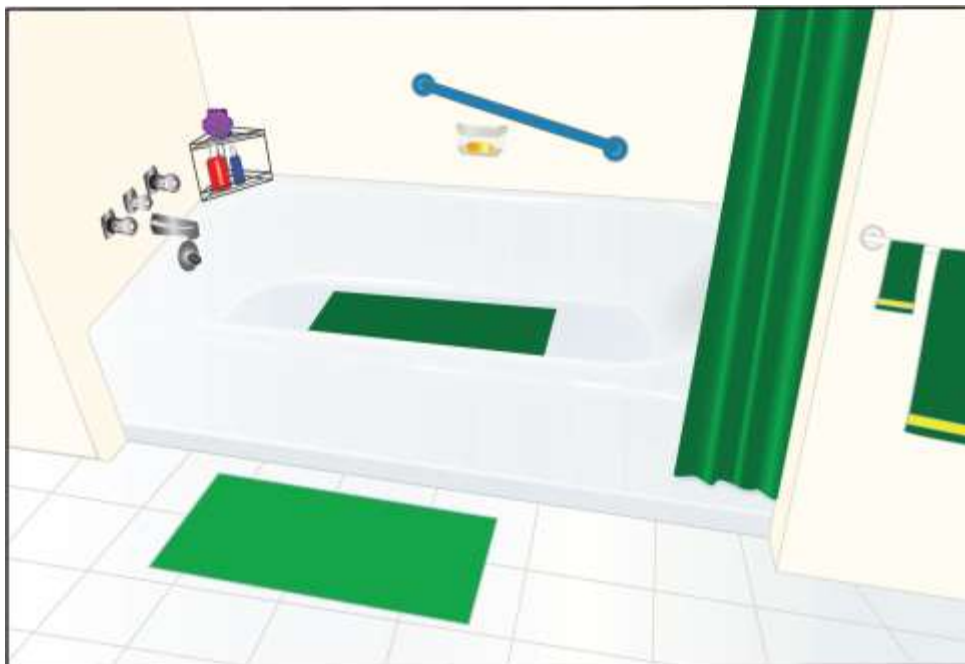
- anti-scalding devices turn off the water if the temperature gets too hot.
- easy-to-install



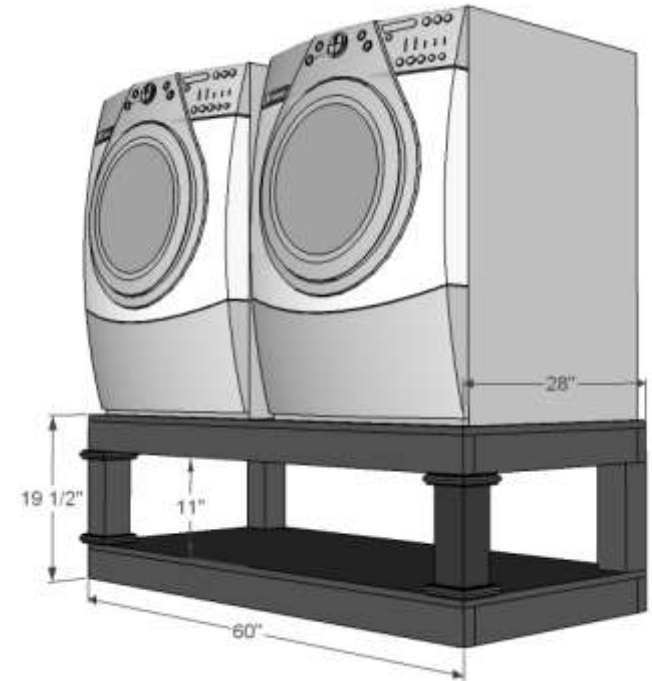


Using Sugru to increase contrast and grip

Bathroom Safety



Utility Room



<http://www.shopgetorganized.com>; laundry caddy \$50

Safety

- Smoke alarms
- Fire extinguishers
- Egress
- Call alerts

vtech CareLine

- No monthly fees
- Large buttons & photo speed dial
- Voice or touch activation for pendent calls
- Program reminders
- Pendent will speak time



Man Down Apps

- Sends immediate alerts in case of an emergency or injury.
- Emergency contacts are notified via text, phone or e-mail
- Once app is activated, phone movement is monitored
- If phone is motionless for 30 seconds a pre-Alarm warning starts
- If the phone is not moved within another 30 seconds Full Alarm mode is activated; phone will send out a text, email and phone call to emergency contacts. Message will include location of the person in distress.
- \$1.99
- IOS and Android



Safety



Automatic Medication Dispenser



www.alzstore.com

Reminder Rosie

- Use voice commands to tell time and turn off alarms
- Easy set up by spoken word
- Record reminders in any language
- 10 personal reminder alarms



Alerting Systems



What is SimpleC?

Easy to use care and wellness program, delivered via technology, that uses life history details combined with photos, music and voice recordings to create personalized audio-visual based therapies for individuals.



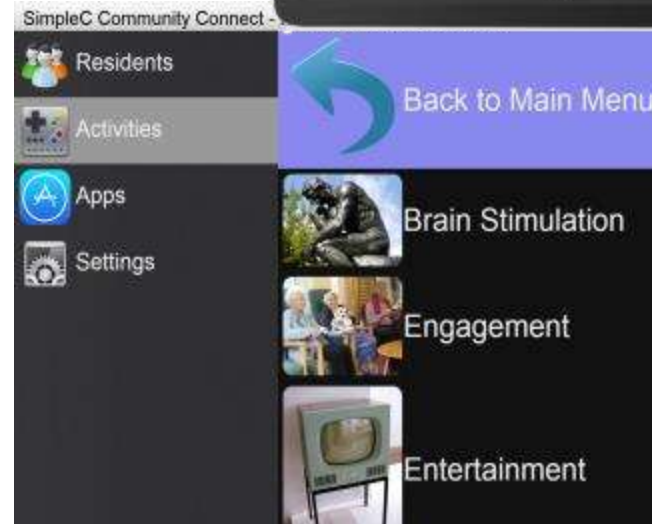
These therapies become a living care plan and toolset for care staff and family that is always there to help individuals maintain independence and function.

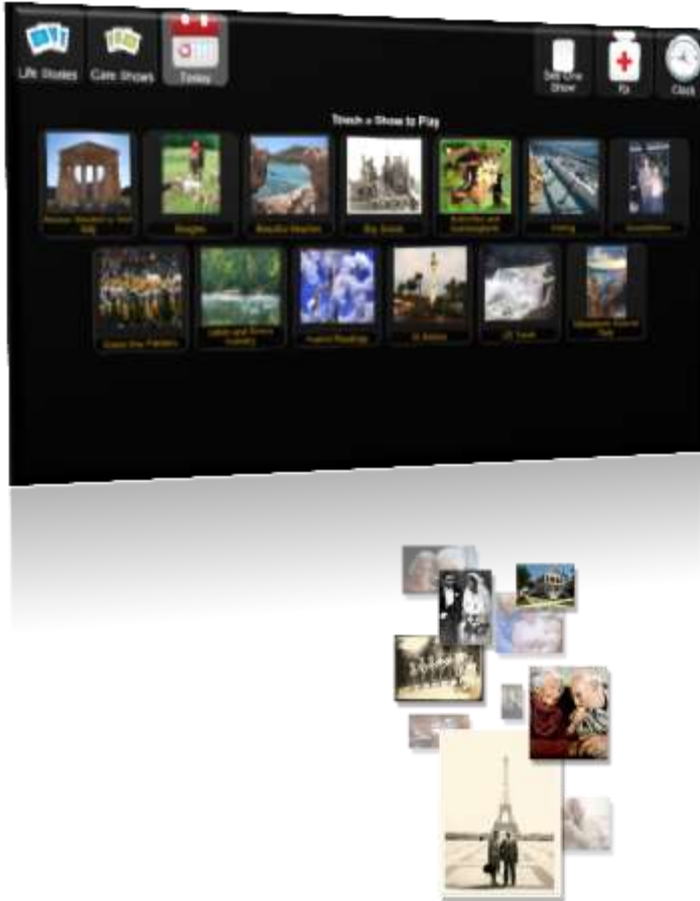


One Solution

for residents, families, staff and communities

- Wellness Model
- Supports Person Centered Care
Validating the Person and their
Unique Life Story
- Activity Programming
- Engages Families
- Supports the Culture of the
Community





Our innovative approach weaves care needs with personalized content to develop interventions that modify behavior to achieve:

- individual goals
- enterprise goals

Resulting in:

- ↑ Engagement & participation
- ↓ Symptom frequency
- ↑ Goal attainment
- ↓ Psychotropic drug use
- ↑ Staff effectiveness & efficiency

Companions are personalized for each resident with:

- therapies addressing individual symptoms, care needs & goals
- media reflecting personal interests and life details
- family photos, if provided
- preferred music, and Trusted Voice recordings in appropriate language

Companions also contain therapies addressing each community's care and wellness interests:

- morning care
- meals
- hydration
- bathing
- activities
- sleep



Resident: _____
Community: _____

Music Preferences: Check the types of music the person most prefers. Blank spaces are available to write in types not listed.

<input type="checkbox"/> Big Band	<input type="checkbox"/> Country - Modern	<input type="checkbox"/> Decade 1990	<input type="checkbox"/> Irish Traditional	<input type="checkbox"/> Piano
<input type="checkbox"/> Blues	<input type="checkbox"/> Country - Old	<input type="checkbox"/> Decade 1980	<input type="checkbox"/> Italian Traditional	<input type="checkbox"/> Pop - Active
<input type="checkbox"/> Bluesgrass				
<input type="checkbox"/> Christian - Inspire				
<input type="checkbox"/> Christian - Trance				
<input type="checkbox"/> Classical - Active				
<input type="checkbox"/> Classical - Calm				

Routines:

Is put in a good _____
Is put in a bad _____
Is often anxious _____
Wakes Up at _____
Goes to Bed at _____
Is comforted by _____
Is discouraged _____

Breakfast at: _____
Lunch at: _____
Dinner at: _____
Snack at: _____

Interests: Check available to write

<input type="checkbox"/> Air Force	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Animals	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Art	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Arts and Crafts	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Automobiles	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Books	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Business	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Cars	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Cats	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Dogs	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Gardening	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Golf	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Hobbies	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Home Improvement	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Hunting	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Insects	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Intuition / Dowsing	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Juggling	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Knitting	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Languages	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Law	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Learning	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Literature	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Music	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Nature	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Pets	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Photography	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Pottery	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Reading	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Religion	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Science	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Sewing	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Shopping	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Sports	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Travel	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards
<input type="checkbox"/> Writing	<input type="checkbox"/> Baseball	<input type="checkbox"/> Basketball	<input type="checkbox"/> Bridge	<input type="checkbox"/> Cards

Set a Schedule
Interest/Topic: _____
Interest/Topic: _____
Interest/Topic: _____

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SimpleC Companion Quick Configuration

Name of Resident: _____
Room/Apartment Number: _____
Community Name: _____
Companion/Device Number: _____
Birth Date, Race and Gender: DOB / / Race M F
Today's Date: _____
Name of Person Filling out Form: _____

CARE NEEDS: Check all areas that are present for the individual

Behavior & Neuropsychiatric Symptoms: <input type="checkbox"/> Delusions <input type="checkbox"/> Hallucinations <input type="checkbox"/> Depression <input type="checkbox"/> Anxiety <input type="checkbox"/> Euphoria / Elation <input type="checkbox"/> Apathy / Indifference / Uninterested <input type="checkbox"/> Sundowning (late day confusion) <input type="checkbox"/> General confusion <input type="checkbox"/> Disorientation to place / time <input type="checkbox"/> Repetitive motor behaviors <input type="checkbox"/> Repetitive vocalizations <input type="checkbox"/> Wandering <input type="checkbox"/> Escalating behavior <input type="checkbox"/> Hypersexuality <input type="checkbox"/> Restless <input type="checkbox"/> Intuitive / Dowsing <input type="checkbox"/> Physical aggression <input type="checkbox"/> Verbal aggression <input type="checkbox"/> Agitated/resistant / uncooperative <input type="checkbox"/> Difficulty communicating <input type="checkbox"/> Unwilling to communicate	Sleep: <input type="checkbox"/> difficulty initiating sleep <input type="checkbox"/> waking up more than once <input type="checkbox"/> early morning awakening <input type="checkbox"/> night time wandering <input type="checkbox"/> frequent daytime naps Lack of Participation: <input type="checkbox"/> withdrawn - refuses to leave room (passive participation) <input type="checkbox"/> withdrawn - refuses to socialize or join in (active participation) <input type="checkbox"/> Does not know what to do or how to get to activity Lack of Participation in: <input type="checkbox"/> physical activities <input type="checkbox"/> cognitive activities <input type="checkbox"/> entertainment/recreation <input type="checkbox"/> group activities (3 or more) <input type="checkbox"/> small group activities (2-3) <input type="checkbox"/> 1:1 activities <input type="checkbox"/> solitary activities	Daily Living challenges: <input type="checkbox"/> Bathing <input type="checkbox"/> Dressing <input type="checkbox"/> Toileting <input type="checkbox"/> Transferring <input type="checkbox"/> Oral care <input type="checkbox"/> Grooming <input type="checkbox"/> Change clothes <input type="checkbox"/> Housekeeping <input type="checkbox"/> Medication (taking meds) <input type="checkbox"/> attend Breakfast <input type="checkbox"/> attend Lunch <input type="checkbox"/> attend Dinner <input type="checkbox"/> Eating (consume food) <input type="checkbox"/> Hydration (drinking water) If late day confusion/sundowning is present, please describe what the resident is saying or doing during this time and what time this occurs _____ _____ _____
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Five Things that Make this Person Who They Are:
What means the most to this person? What are the stories, experiences, and parts of their life history that they identify the most with at this time.

1. _____
2. _____
3. _____
4. _____
5. _____

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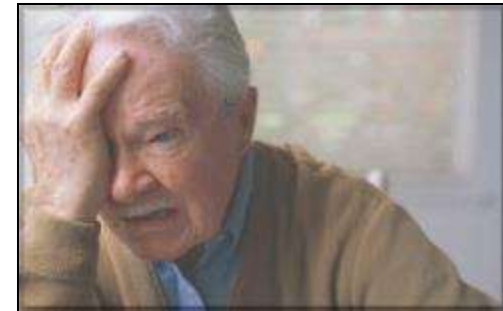
Prompt and Inform

- Activities
- Care events
- Housekeeping
- Hydration
- Meals
- Upcoming Visitors



Redirect or Calm

- Overstimulation
- Restlessness
- Sleep
- Wandering
- Sundowning



Engage or Stimulate

- Under-stimulation
- Socialization
- Enhance Communication



Resources

- AARP Home Fit Guide
 - <http://www.aarp.org/content/dam/aarp/livable-communities/documents-2014/AARP-Home-Fit-Guide-2014.pdf>
- American Foundation for the Blind;
www.aft.org



**Our Question to You:
What have You Learned today?**

Contact



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Disclaimer

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