



# The AT Messenger

*bringing technology to you*

Delaware Assistive Technology Initiative (DATI) • Volume 15, No. 2 • Spring 2007

## Senator Carper Visits New Castle ATRC

Jerry Rhodes  
University of Delaware

U.S. Sen. Tom Carper (D-Del.) visited the New Castle County Assistive Technology Resource Center at the Alfred I. duPont Hospital for Children in Wilmington on Monday, April 9, for a first hand look at the wide range of reusable assistive devices available to individuals with disabilities.

Carper's visit followed an announcement by UD President David P. Roselle earlier this year that the Delaware Assistive Technology Initiative (DATI) at the University of Delaware was the recipient of a three-year, \$600,000 grant from the U.S. Department of Education's Rehabilitation Services Administration to improve access to assistive devices by Delawareans with disabilities.

Assistive technology includes any device that helps people with disabilities complete various tasks, from canes, walkers and special chairs to unique hardware and software for computers.

"We heard about a similar initiative in New Jersey," Carper said. "We are looking for ways to turn the



Photo by Duane Perry

Marvin Williams (standing), an assistive technology specialist at the center, shows Sen. Carper how some of the devices work.

used technology around, and we want to let the people in Washington, D.C., know about the things that DATI is up to."

Among its services, DATI operates assistive technology resource centers in each county to provide equipment demonstrations and short-term loans of equipment for trial use periods at no cost. Two new loan programs are in the works that would allow Delawareans to borrow money to purchase assistive technology, including a program that would guarantee loans for individuals who

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## Carper Visits New Castle ATRC (continued)

would not ordinarily qualify for traditional bank loans.

"We are about to open a new loan program where people can borrow money to purchase assistive technology and pay back the amount over a period of time," Beth Mineo Mollica, DATI director, said. "Our assistive technology resources centers help people find devices that will let them learn and work and play and live more safely in their communities."

Individuals can visit the resources center and learn about the tools available and take them to their school, home or workplace to try them out, Mollica said.



*Photo by Duane Perry*

*Sen. Carper practices his AT skills.*

"Not all technology is high-tech. A small or simple device can also make a big difference," Mollica said. "A lot of this depends on the person using the device and what their financial resources are."

During the tour, Carper was given a demonstration of several assistive devices by Marvin Williams, an assistive technology specialist at the center.

Assistive devices on display included **Kurzweil 3000** comprehensive reading, writing and learning software that converts scanned text to audio files. Also on display were a dome magnifier that looks like a king-sized paperweight, a **Beamer TV-video phone** and an **Ameriphone P3000 picture phone**. Low-tech devices included a slant board to facili-

tate reading and writing, as well as a pair of "reachers" that make it easier for users to reach and grasp certain objects.

"If people need something, they come to me, and I reach into my bag of tricks and find something for them," Williams said. "The **Kurzweil** software lets people with visual impairments hear what is in the book. They don't have to miss out on the things they used to enjoy."

Recognizing how much equipment was out there but not being used, in 1993 DATI launched an assistive technology exchange program that enables individuals to buy, sell or give away used devices through "want ads." At that time, those having devices and those looking for devices called a central number to place their listings, which were then published quarterly in *The AT Messenger*, the DATI's newsletter. With the launch of the DATI's multi-featured web site [[www.dati.org](http://www.dati.org)] in March 2004, the service became automated, making it much more interactive and efficient.

DATI also operates an assistive technology exchange online want ads web site at [[www.dati.org/v3/index.php](http://www.dati.org/v3/index.php)] that puts people with technology they no longer need in touch with those seeking such technology.

Mollica said that she hoped Carper's visit would help spread the word out about DATI and let First State residents know about the services available at the resource centers.

"We want to get everybody, including state agencies, involved," Mollica said. "We also would like to get large corporations to donate technology they would ordinarily discard when they move up to a newer level. DATI is a way to keep things out of the landfill and get them to the people who need them." ■

*This article was excerpted from one that originally appeared in the April 11 issue of the UDaily. It is reprinted here with the permission of the Office of Public Relations at the University of Delaware.*

# Print Access Vs. Copyright Law: A Legal Expert Weighs In

Beth Mineo Mollica  
DATI Director

Sometimes schools will say that they are precluded from providing text alternatives to students with print disabilities because they are concerned about violating copyright law. Several months ago, I asked Ron Hager, Staff Attorney with the National Assistive Technology Advocacy Project (a project of Neighborhood Legal Services, Inc. in Buffalo, New York), to weigh in on this issue. Here is his response:

Pursuant to the Individuals with Disabilities Improvement Act of 2004 (IDEA 04), States are required to ensure that "blind persons or persons with print disabilities" receive instructional materials in accessible formats in a timely manner. 20 U.S.C. § 1412(a)(23). IDEA 04 does not define the phrase, "blind persons or other persons with print disabilities." However, the "Act to provide books for the adult blind," 2 U.S.C. § 135a, does. The final 2006 regulations implementing IDEA 04 make it clear that the definition from 2 U.S.C. §135a applies to the IDEA 04 requirement. 34 C.F.R. § 300.172(e)(1)(I).

IDEA 04 also amends a provision of the Federal Copyright Law which provides an exception to the Copyright provisions, by adding a section that specifies that it is not a violation of Copyright Law to comply with the above-referenced provision of IDEA 04 for "blind or other persons with disabilities." IDEA 04, Title III, Section 306. At first read, this sounds like a broader exception under the Copyright Law than is contained in 2 U.S.C. § 135a. However, the Copyright Law provisions that were not amended by IDEA 04 already defined "blind or other persons with disabilities" as those who are eligible under 2 U.S.C. § 135a, "blind persons or other persons with print disabilities." 17 U.S.C. §121(d)(2).

Assuming that all students with disabilities who need instructional materials in alternate formats meet this definition there would be no problem, because every student needing an alternate format

would also fall within the exception under the Copyright Law. The problem arises because the final special education regulations explicitly state that even if students are not "blind or other persons with print disabilities," they are still entitled to instructional materials in alternate formats if they need them. 34 C.F.R. § 300.172(b). The potential problem for States or school districts that provide alternate instructional materials to this group of students (if there are any in this category) is that they are not explicitly covered by the Copyright exception.



## Possible Resolution

### 1. Fit the student within the definition of "blind or other person with print disabilities."

The regulations defining this term include:

(1) blind persons; (2) persons whose visual disability, with correction, "prevents the reading of standard print material;" (3) persons "unable to read or unable to use standard printed materials as a result of physical limitations" (some persons with cerebral palsy, for example, may fit into this category); and (4) "persons certified by a competent authority as having a reading disability resulting from organic dysfunction and of sufficient severity to prevent their reading printed materials in a normal manner." 36 C.F.R. §701.6(b)(1). I believe virtually any student needing an alternative format should be able to fit within this category, especially as we increasingly find organic components to disabilities. If it is not organic, then what causes a learning disability or ADD/ADHD? It is not emotional. To emphasize this point, OSEP refused to remove the term "minimal brain dysfunction" from the definition of learning disability. 71 FR 46551. The comments to the final regulations even indicate that "bipolar dis-

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# Print Access Vs. Copyright Law (continued)

orders and other neurologic disorders" fit within the definition of other health impaired. 71 FR 46550.

All four categories listed above require that a person's eligibility be certified by "competent authority." For our purposes, "competent authority" for this fourth category is defined as "doctors of medicine who may consult with colleagues in associated disciplines." 36 C.F.R. § 701.6(b)(2)(ii). Under the definition of related services, physicians are permitted to do evaluations to "determine a child's medically related disability that results in the child's need for special education and related services." 34 C.F.R. § 300.34(c)(5). The determination of whether or not a child has an organic condition that requires alternate instructional materials would seem to me to meet this definition. Therefore, as part of the evaluation of a student, a physician could assess a student with reading difficulties, which could include a review of other evaluations, and, where appropriate, "certify" the student. In such a case, the district would be protected by the Copyright exception. It would also be easier for the district to provide the materials to the student, as it could now utilize the NIMAC [the National Instructional Materials Accessibility Center], which would also provide better protections for the student.

## 2. Fair Use Exception

Another possible protection for schools from Copyright concerns is the "fair use" exception also writ-

ten into the Copyright Law. 17 U.S.C. § 107. There is a very interesting case which I believe would provide excellent (but not perfect) precedent for a district which provided instructional materials in an alternate format to a student with a disability as determined necessary by the IEP Team (this could very well apply in Section 504 cases as well). *Newport-Mesa Unified School District v. State of California Department of Education*, 371 F.Supp.2d 1170 (C.D.Cal. 2005).

The case arose because California law requires that parents of special education students be provided with a copy of the test protocol used for the student, which is copyrighted material. A school district brought the case for a declaration of its rights in relation to the Copyright Law. The district felt that it was faced with the problem of either violating a provision of California special education law or a provision of Federal Copyright Law (sound familiar?). The court found that providing the parents with a copy of the copyrighted test protocol, even if it amounted to the entire text of the copyrighted material, did not violate the Copyright Law. The court found that it fit within the fair use exception. I believe this same analysis would apply to districts providing instructional materials in alternate formats to students with disabilities in order to meet their obligations under State and Federal special education laws. ■

*A big "thank you" to Ron for his insightful analysis of this complex issue!*

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# Doors Open on New Financial Loan Programs

**N**eed assistive technology (AT) but can't afford to purchase it? Because many devices are expensive, folks are often forced to go without. Insurance and state agencies rarely pay for AT such as hearing aids, vehicle and home modifications, and adaptive computer hardware. Sometimes you can only get funding for a "bare bones" device that doesn't really meet your needs. In other cases, you may be eligible for funding through insurance or a state agency, but you can't afford to wait months to get the device because you need it right now. If any of these

describe your situation, the Delaware Assistive Technology Loan Program may be an option to consider.

The DATLP offers consumer counseling to help you determine whether a loan is the right funding option for you. A program staff member will talk with you about the many AT device options available and how you know which device is right for you. Staff will also make sure you are aware of other funding options, and will review with you the

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# Doors Open on Loan Programs (continued)

rights and responsibilities associated with borrowing money.

Any Delaware resident with a disability who needs an AT device, home modification, or vehicle modification may apply for a loan through the program. Family members and caretakers, in some instances, may also apply for a loan on behalf of someone with a disability.

The amount of money you will be able to borrow depends on what type of device, equipment, or service you plan to purchase using the money, and on how much you can afford to borrow. Loans are available for any amount between \$500 and \$30,000, and the length of the loan period is flexible, although it cannot be more than the expected useful life of what you are purchasing. For example, some home modification loans might be for as long as 10 years, yet loans for computers typically need to be paid off in three years or less.

The DATLP will take your unique circumstances into consideration when deciding whether you qualify for a loan. The program may also make special arrangements to make loan repayment affordable for you. Program staff is available to

provide guidance and support from the time you first inquire about the possibility of a loan through the loan application process itself. However, as with any loan, you will be expected to provide information regarding your income, expenses, debt, and credit history.

Also new on the scene is the Delaware Telework Equipment Loan Program. This program works just like the DATLP, but is specially designed to enable Delawareans with disabilities to get the equipment that they need to work from home or other locations remote from an employer. This loan program can be used to acquire computers, software, other office machines, telecommunications systems, office furniture, home modifications, and traditional AT.

Both programs are funded by federal grants awarded to the Delaware Division of Vocational Rehabilitation and managed by the DATI. We are delighted that the DEXSTA Federal Credit Union and WSFS Bank are serving as our lending partners on this initiative. For more information about the program, please contact Linda Kelly at DATI's New Castle County location. ■

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## Something To Talk About

**D**ATI now has a discussion board on its website. For those of you who may be new to the world of online discussion boards, a discussion board is a place where you can post questions and messages, and respond to questions and messages left by others. It's also a place to share information for the greater benefit of the community. Suppose you have a question on just how you go about getting a wheelchair for your mother-in-law who lives with you or about how to get a hearing aid. You can post those questions on the message board, and someone from DATI will try to answer your question. However, someone else may know the answer, and that person can chime in with her experience as well. That is the power of the discussion board—it's dynamic and growing. The answers stay on the board so that if folks have the same question some time later, they

can find the answer on the board. Also, if someone wants to update information on a topic for everyone, it can be done right on the discussion board.

Besides being another place to get info from DATI, the discussion board is a place where you all can interact as an online community and help each other out. It gives us a chance to tap in to the knowledge that all of you have and share it with the group.

To begin, just sign in on the DATI website and select "Discussion Board" from the list of available options. You do have to be a registered user in order to post comments and participate, but you don't have to be registered in order to read the postings. So what are you waiting for? Log on and see what's going on! ■

# AT Bargain Basement

Marvin Williams, AT Specialist  
Kent County ATRC

Hello, True Believers, and welcome to our Spring installment of the *AT Bargain Basement*. This is the home of the assistive technology bargain, and I am your host, Marvin. For those of you who are new to the *Bargain Basement*, welcome! Pull up a seat and get nice and comfortable. If you're a *Bargain Basement* regular, welcome back! It's always good to have new and familiar friends on the journey through the land of the AT Bargain. Before we get started, I'll review our rules of engagement. First, I try to bring you all the best AT I can find for \$100 or less. Second, I try to bring you local items that you can purchase in local stores. However, in order to bring you the best bargains I can, I do also list items I have found online. Third, I will always share with all of you the wonderful ideas and bargains that you and your fellow Basementeers bring me. Lastly, I hope you have fun! With that said, let's get to the bargains!

First off I want to revisit a bargain that I brought you in the last issue of the *Basement*. I mentioned the "**Now You Can Find It**" **electronic locator** from **Sharper Image**. We now have that unit available for loan through your local ATRC. To recap what it does, you can attach up to eight of the remote "find me" units to whatever it is you keep losing and need help keeping track of. Then, when you look for that missing item, you can press the locator button for it and the "finder" device will flash a light corresponding to the number and color of the lost item. The device retails for \$49.95 through **Sharper Image**, but before you buy it, feel free to try it. Contact your local ATRC for help on borrowing one to try.

Since summer is right around the corner, many folks will be trying to keep cool. And with rising electric costs, some folks won't be running big AC units. Instead, they'll turn to the old standard for keeping cool—the electric fan. Fans can be a lower power alternative to running the AC for some folks. For many people, keeping cool is important due to different medications they are on or due to prob-

lems regulating their body temperatures. For this reason, many do turn to fans to keep cool in a simple, effective manner. One fan that is a great bargain is the **Lasko Pro-hv High Velocity Oscillating Blower Fan**. It's a nice unit that has power without taking up a lot of space. It is available from **Home Depot** for \$59.99. As with anything you see in the *Bargain Basement*, check with your local store for availability and for any variations in pricing.

My next bargain is the **LifeWise™ Compact Air Purifier**, available at **Radio Shack**. It is another small, compact unit that does a great job in cleaning the air, especially if you have a dusty room or a room where you keep the windows open and pollen from outside comes right in. It does a great job removing dust, pollen, smoke, mold spores, and cat dander from the air. The air is then pulled through the filter by the whisper-quiet fan. Perhaps one of the greatest things about this filter is that it is designed so that the actual filter part never has to be replaced—simply tap it over a trash can to remove the larger particles, then gently use a vacuum attachment to clean the rest. Placing it under running water easily cleans the pre-filter. This unit is indeed a bargain at only \$39.97. Do note, all of you **Radio Shack** online fans, that this bargain can only be had in your local store, so make sure you give them a call to see if they still have them in stock.



*LifeWise Compact Air Purifier*

My next two bargains are pretty neat little devices available through the **Radio Shack** website, [www.radioshack.com](http://www.radioshack.com). The first is the **Oregon Scientific PE829 Talking Pedometer** with FM Radio. What makes this unit nice is that it will give you a voice announcement of the distance you've walked,

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## AT Bargain Basement (continued)

number of steps taken, and estimated calories burned while you're listening to your favorite radio station. There is also a pacing "beep" tone you can turn on to help you maintain a certain walking rhythm. This can help you maintain a target heart rate if that's part of your walking plan. The unit also stores up to seven days worth of walking info, so you can more easily track your progress. The unit is \$39.99, and again is only available via the **Radio Shack** website.

The other web-only bargain **Radio Shack** has is the **Oregon Scientific AH300 Talking Heart Rate Monitor**. This unit uses headphones that attach to the chest strap, so you no longer have to be able to read a display in order to monitor your heart rate. It will talk you through the whole set-up process, which is a nice feature. It also will alert you if you are above, below, or within your target heart rate given your chosen activity. So for the visually impaired or non-visually oriented person, this is a great little exercise tool. It costs \$49.99 and is available only from the **Radio Shack** website, [www.radioshack.com](http://www.radioshack.com). As with anything you order online or through a catalog, do be aware that there will most likely be a shipping charge based on your order. Please keep this in mind when ordering.

My last bargain is one of my favorites. It's the **Ove Glove** oven mitt. What makes the **Ove Glove** so

great is that you wear it like an actual glove yet it gives you the thermal protection of one of the big, bulky oven mitts. It's made of the same material that firefighter's protective outfits are, allowing it to be light-weight while still providing protection for up to 480° F.



Besides using it to handle hot cookware, you can also use it when changing light bulbs that have recently burned out and while handling hot items that otherwise may burn you. I've seen the **Ove Glove** at **Eckerd** for \$14.99, but you can also find it online as well as in other stores. If you see one, you should pick it up for yourself or for someone you love.

And that brings to a close another thrill-packed installment of the *AT Bargain Basement*. Be sure to join us next time when I'll be back with more bargains and maybe even some ideas from you all. Until then remember, just because it's a bargain doesn't mean it's cheap! ■

## Quick AT for a Temporary Disability

*Dan Fendler, AT Specialist  
Sussex County ATRC*

**R**ecently, I got a call from my son Brian's science teacher. She had broken her predominant arm in a fall, had a cast on, and was having a tough time using the computer. She wanted to know if there was anything that could help her during the time she would be wearing a cast.

We often get calls from people experiencing temporary disabilities resulting from accidents, surgeries, or other circumstances. Often, they do not know where to turn for help, and may not be aware that help is indeed available.

A loss in mobility, such as Brian's teacher had experienced, can impact an individual's day-to-day life in many ways. The loss of a predominant arm has a particularly dramatic impact. It will affect everything, including dressing, bathing, grooming, driving, keyboarding, and working. In this case, there are a number of things that can help.

### **One-handed Computer Tips**

There happen to be a number of things to try if you need to access a computer using one hand. Be

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# A Temporary Disability (continued)

aware that there are a number of keyboards available that can help one-handed typists. There are a number of different keyboard layouts available—that is, keyboards with the keys placed differently than standard keyboards. Alternate keyboard layouts can contribute to faster typing speeds, but many people are reluctant to learn other layouts. If learning a new keyboard layout is not your cup of tea, consider using a smaller keyboard. Using a keyboard with smaller keys can make it easier to span the keys with your hand, useful for performing multiple press keystrokes.

You can also use several accessibility features of the **Windows** operating system. StickyKeys is a setting that is included in the **XP** operating system. For a one-handed typist, it can help with capitalization. Turning it on will help you capitalize the first letter of a sentence, eliminating the need to hold the shift key and another key simultaneously. With StickyKeys on, pressing the shift key and releasing it will cause the next letter to be capitalized. The StickyKeys setting can be found in the **Windows** Control Panel under Accessibility Options.

Another **Windows XP** feature that might help is switching the right and left mouse buttons. If you need to use the mouse with your left hand, you can change (reverse) the buttons to make it easier to use. The settings for reversing the mouse buttons can be found in the **Windows** Control Panel under Mouse options.



Figure 1: MS Word Tools Menus

The single most productive feature to try is the use of a speech-to-text product such as **Dragon Naturally Speaking (DNS)**. DNS will allow you to "train" your computer to understand your voice, and turn it into text. This can greatly reduce the number of keystrokes you need to make. Many people are hesitant to spend the money to purchase **DNS**, but if you already own a **Microsoft Word 2003** license (or newer), you already have **DNS** on your computer. All you need to do is turn it on and train it. In order to turn it on, fire up **Word**, select Tools, then select Speech (see Figure 1). You will be prompted to read several passages so that the computer can learn to recognize your voice. Once done, you will be able to "talk" to your computer. If the **DNS** components were not installed when you installed **MS Word** on your computer, you may need to reinsert the **MS Word** disc to activate **DNS**.

The new **Windows Vista** operating system has several new accessibility features built into it. Check the Microsoft website, [www.microsoft.com/enable/products/windowsvista](http://www.microsoft.com/enable/products/windowsvista), for more detailed information.

## Other Temporary Disabilities

One of the items in our library for which we get frequent requests are our portable, folding ramps. Many people who have either had an accident or surgery may need assistance getting in and out of their house due to the use of a wheelchair or crutches. The folding ramps can provide easier access to a home with three- or four-stair entrances.



Suitcase ramp (shown folded)

Whatever your temporary need, if you need some assistance with Assistive Technology, give us a call. We're here to help. ■

# Technology for Transition—Memory Aids

**W**e've all occasionally experienced challenges caused by memory loss:

- Being late because we couldn't remember where we put our car keys.
- Walking into a room then forgetting why we went there.
- Forgetting someone's name.

Millions of Americans face the challenges caused by memory loss on a daily basis. Chronic memory loss may interfere with the ability to live a productive life and threatens independence.

Memory loss may be temporary or it may last a lifetime. Causes include:

- Stress/fatigue
- Depression
- Mild cognitive impairment
- Traumatic Brain Injury
- Age
- Dementia caused by
  - Medication side effect
  - Medical condition.

Memory is a critical consideration during transition planning. When a person routinely forgets important tasks such as taking medication or making meals, transitioning to a home environment may be problematic. When a person can't remember the tasks necessary to perform a job, transitioning to or maintaining employment becomes a challenge. When a person cannot remember the names of family and friends, communication becomes strained.

Today individuals with memory loss can turn to technology for help in remembering important information and steps necessary to perform basic tasks independently. This independence may be all it takes to help the individual transition to a home or work setting. Memory aids may be inexpensive and used for a specific task such as taking medication or they may be cutting edge devices that can be used in a variety of settings. This article includes a small sampling of assistive technology for individuals with memory loss. Before purchasing a device, consider contacting an AT professional to determine if an assessment or device trial is

needed. A listing of AT professionals in Delaware is available in the AT Provider Directory on the DATI website ([www.dati.org](http://www.dati.org)).

## Memory Aids

**A medication reminder** with an automatic timer may help individuals take their medication on time.



*Weekly Medication Manager by Timex*

## A talking calendar and

**clock** helps individuals keep track of the date and time.



*Talking Timer by Voice Zone*

**A talking timer** can be programmed with your own voice recording.

**An appliance timer** eliminates the need to remember to turn appliances on or off.

**Talking picture frames** and albums help individuals remember family and friends.

**A Pocket PC with specialized software** from **AbleLink Technologies** provides mobile solutions for use in a variety of settings. Software applications include:

- **Schedule Assistant**, a multimedia scheduling application for individuals with cognitive barriers to reading. Appointments or events can be entered by recording an audio message and des-



*Pocket Ace by AbleLink Technologies is an accessible cell phone.*

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# Technology for Transition (continued)

ignating the day(s) and time for the message to activate. A picture or icon can also be displayed when the message displays. Create audio reminders with picture cues to remind users to catch a bus, take medication, or how to perform morning routines.

- **Pocket Coach**, which can be used with a Pocket PC to record a series of personalized step-by-step audio instructions explaining how to perform educational, vocational or independent living tasks.
- **Visual Assistant**, which provides task-prompting support using digital pictures with custom recorded audio messages on a Pocket PC to provide step-by-step instructional support. **Visual Assistant** is ideal for more complex or detailed tasks where the addition of digital pictures of each step of the task can increase accuracy.

Almost all of the products identified in this article are available for demonstration and short-term loan from the DATI Assistive Technology Resource Center in your county. Contact the center closest to you to arrange for a demonstration or equipment loan.

## AT Resources

AbleLink Technologies  
[www.ablelinktech.com](http://www.ablelinktech.com)

Independent Living  
[www.independentliving.com](http://www.independentliving.com)

Dynamic-Living  
[www.dynamic-living.com](http://www.dynamic-living.com)

Life Home  
[www.lifehome.com](http://www.lifehome.com)

Maxi Aids  
[www.maxiaids.com](http://www.maxiaids.com)

SmartHome  
[www.smarthome.com](http://www.smarthome.com) ■

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*This article is based on one originally appearing in the Spring 2006 issue of Constellations, the newsletter of the Minnesota STAR Program. DATI has been granted permission to share it with our readers.*

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## Participate in a Research Study

**A** research team at the Center for Inclusive Design and Environmental Access at The State University of New York at Buffalo is currently conducting a federally funded study on how the built environment influences people's ability to perform routine activities.

The research study uses online surveys to identify activities that are most problematic for people in three built environments:

- Public Buildings
- Public Streets
- Residential Environments.

Follow-up surveys will then be conducted to evaluate how well specific architectural design features

remedy those problems.

Individuals who participate in the online surveys will be eligible for random drawings of \$100 cash prizes as well as a \$500 grand prize. Participants will also be invited to join message board discussions where they can share ideas and talk about topics of mutual interest.

To participate in the research study or to obtain additional information, please go to [www.ude-world.com/research/index.php](http://www.ude-world.com/research/index.php) or contact the Center for Inclusive Design and Environmental Access at (716) 829-3485 x. 329, (716) 829-3758 (TTY), or via email at [idea@buffalo.edu](mailto:idea@buffalo.edu). ■



## Delaware Assistive Technology Exchange

Are you noticing something a little different about the AT Exchange in this issue of *The AT Messenger*? Along with our upgrade of the online version of the AT Exchange, the DATI has altered how listings will appear in the paper and cassette versions of the newsletter. Anyone interested in an item listed on the AT Exchange should call the Sussex County ATRC via our toll-free in-state phone number, **(800) 870-DATI**, to inquire about an item on the AT Exchange. You will be asked to supply some contact information, as well as the Item ID that corresponds to the item in which you are interested.

For the most up-to-date listings, or if you would like to add or remove an item from the list, please visit the AT Exchange on the Web at [www.dati.org/exchange/index.php](http://www.dati.org/exchange/index.php) or call the DATI Sussex County ATRC at (302) 856-7946 or toll free at (800) 870-DATI. All prices of items listed on the AT Exchange are negotiable if the listed price includes a "BO" meaning "best offer."

### Items Available

#### Computers and Related

- Apple keyguard, Don Johnston, low profile and Apple keyboard, excel cond, free, Item ID 624
- Scanner, Umax Astra 1200S, color flatbed, compatible w/Win 95, 98, NT 4.0, connection type SCSI, plate size 8.5x11, brightness control, connection cables are 25-pin male parallel on both ends, no automatic document feeder and is not multifunctioning, free, Item ID 776
- TASH WinMini Keyboard, TASH, frequency of use layout, PS/2 cable, free, Item ID 517

#### Daily Living

- Bath chair, Rifton, PVC tubing/mesh, suction cups, stability high back, adj legs, \$25 or BO, Item ID 706
- Book Maid, aluminum, w/clear holder, free, Item ID 502
- Commode, adj legs, excel cond, free, Item ID 769
- Commode, stand-alone w/back and arms, excel cond, \$30 or BO, Item ID 694
- Commode chair, portable, \$20, Item ID 89
- Commode chair, use over toilet, adj legs, \$20 or BO, Item ID 762
- Commode/shower PVC chair, like new, \$250, Item ID 90
- Commodos, shower chairs, BO, Item ID 641
- Ergostand, BHM, w/sling, sit to stand electronic lift w/11 features, brochure available, never used, \$2,450, Item ID 626
- Posey bed restraint system, free, Item ID 772

- Shower bench, adj legs, excel cond, free, Item ID 768
- Shower chair, Invacare, w/back, adj legs, rated for 400 lbs, \$25 or BO, Item ID 672
- Shower chair, Invacare, backless, adj legs w/rubber bottom, very good cond, \$25 or BO, Item ID 671

#### Environmental Adaptations

- Chair Lift, Access Industries, for outdoor use, 9' long, key lock, vinyl seat and pull over cover, swivels, used for 1 mo, \$1,000 or BO, Item ID 561
- Folding ramp, EZ Access, folds into 4, comes w/carry bag, easy to store/carry, very good cond, \$400 or BO, Item ID 613
- Outdoor stair lift, hydraulic, must pay to remove, free, Item ID 486
- SuperPole, adj steel floor-to-ceiling (93-99") for bedside, bathroom, chair-side w/pivoting superbar, white, very good cond, \$50 or BO, Item ID 774
- Stair lift, Bruno Independent Living Aids, rated for 400 lbs, 6 stairs, excel cond, \$1,800 or BO, Item ID 778
- Stair lift, StairChair, brown seat, rated for 240 lbs, 11 steps, \$500 or BO, Item ID 400
- Stair lift, leather, 6 stairs, \$800 or BO, Item ID 453

#### Learning, Cognition, and Development

- Muppet learning keyboard (Win), never used, free, Item ID 645

*continued on page 12*

# Delaware AT Exchange (continued)

## Mobility, Seating, and Positioning

- Bed, Dynasty, twin, ortho support system, very good cond, \$45 or BO, Item ID 685
- Canes, crutches, walkers, free, Item ID 640
- Canes, walkers, commodes, etc, loaned or given, free, Item ID 371
- Craftmatic bed, full, vibrates, adj to different positions, excel cond, \$1,500 or BO, Item ID 755
- Crutches, aluminum, excel cond, free, Item ID 484
- Cushion, 3.5 x .75, free, Item ID 506
- Cushion, right slant, free, Item ID 507
- Electric TXL bed, Sealy base/Englander elec bed mat, extra long twin, 6" latex core mattress, head and feet raise with 2 motors, wireless remote, never used, \$1,100 or BO, Item ID 764
- Elevating legrests, pair, excel cond, free, Item ID 482
- Hospital bed, Sunrise, electric head/foot controls w/side rails, excel cond, BO, Item ID 743
- Hospital bed, Mobilite, electric, single w/side rails, mattress available, plastic cover protected, excel cond, \$150 or BO, Item ID 710
- Pony gait trainer, size 1, padded seat and chest support, tray attachment, very good cond, \$150 or BO, Item ID 404
- Power wheelchair, Invacare Ranger II Storm Series, w/footrest, needs innertubes for back tires, \$500 or BO, Item ID 732
- Power wheelchair, Quickie 110, adult, right hand joystick control, 2 gel cell batteries, \$500 or BO, Item ID 82
- Power wheelchair, Action Power 9000 Storm Series, model M-22NF gels, charger, \$1,200 or BO, Item ID 738
- Power wheelchair, Jet 2 HD, joystick on right side, w/elevating legrests, red w/gray seat, rated for 350 lbs, excel cond, \$2,000, Item ID 742
- Power wheelchair, Jazzy 1100, rated for 300 lbs, grey seat, navy blue base, may need battery, excel cond, \$1,000 or BO, Item ID 540
- Power wheelchair, oversized, batteries included, excel cond, \$2,000 or BO, Item ID 609
- Power wheelchair, Invacare/Rumba, needs battery, excel cond, \$1,000 or BO, Item ID 455
- Power wheelchair, EverMed, almost new batteries and battery charger, must pick up, excel cond, BO, Item ID 679

- Power wheelchair, Jazzy 1143, black chair w/black base, controller, batteries, on board charger, chair/foot pad, will deliver in DE and other nearby places, excel cond, \$3,000 or BO, Item ID 177
- Power wheelchair, Pronto M71, excel cond, \$1,000 or BO, Item ID 143
- Power wheelchair, Quickie, battery and charger, excel cond, \$500 or BO, Item ID 611
- Power wheelchair, Hoveround MPV4, gray, \$1,500 or BO, Item ID 655
- Power wheelchair, Pride Jet 3 Ultra, maroon w/black leather seats, batteries fully charged, never used, \$5,000 or BO, Item ID 682
- Power wheelchair, Pronto Sure Step, red w/gray leather seats, never used, BO, Item ID 683
- Power wheelchair, Jet 3 Ultra, seat width 18", seat depth 18", flip-up armrest, never used, BO, Item ID 697
- Power wheelchair, Quickie V121, black, w/synergy spectrum cushion, excel cond, \$4,500, Item ID 747
- Rear brake attachments for walker, Aurora, never used, free, Item ID 520
- Scooter, Jet 3, wheels changed in 04/2006, royal blue w/gray leather seats, footstool, rated for 250 lbs, charger, very good cond, \$300 or BO, Item ID 677
- Scooter, Trecker HS-890, heavy duty w/4 wheels, never used, \$2,795 or BO, Item ID 753
- Scooter, Pride Mobility/Sundancer, blue, excel cond, \$1,500 or BO, Item ID 718
- Scooter, PaceSaver II, batteries w/battery charger, inflatable tires, simple disassemble for transport, very good cond, \$700 or BO, Item ID 654
- Walker, Invacare, w/wheels, never used, free, Item ID 767

*continued on page 13*

**Interested in an item listed  
on The AT Exchange?**

**Call (800) 870-DATI, choose the  
Sussex ATRC, and have the  
Item ID handy.**

# Delaware AT Exchange (continued)

Standing table, Rifton, extended head support, chest strap, bilateral leg straps, removable utility tray, very good cond, free, Item ID 719

Umbrella chair, Maclaren, large w/feet support, seat width 18", very good cond, \$25 or BO, Item ID 709

Wheelchair, standard size w/feeding tray, big wheels in front, smaller wheels in rear, free, Item ID 771

Wheelchair, Invacare XT9000, 18", black, lightweight, w/leg extensions, very good cond, \$300, Item ID 253

Wheelchair, manual, BO, Item ID 642

Wheelchair, Invacare Tracer DLX, lightweight, portable, w/footrest, navy blue, excel cond, \$140 or BO, Item ID 713

Wheelchair, Invacare 9000XT, lightweight, 24.5" wide, 33" wheels, black finish, durable nylon fabric, w/cushion, very good cond, \$75 or BO, Item ID 696

Wheelchair, Everest & Jennings, lightweight, black, very good cond, \$300, Item ID 749

Wheelchair, Everest & Jennings, black, heavy duty, excel cond, \$300, Item ID 748

Wheelchair, Ridelite 9000, reclines all the way, w/extra support, collapsible, black, \$100 or BO, Item ID 707

Wheelchair, Quickie TS, reclines slightly, comes w/headrest, vest straps, seat belt, footrest, purple, \$200 or BO, Item ID 708

## Other

Alternating pressure pump/pad system, Mason, for skin care management, \$50, Item ID 711

Digital finger oximeter, Respironics, excel cond, BO, Item ID 740

## Recreation, Sports, and Leisure

Basic power trainer, Sinties Scientific, arm/leg bike/exerciser for wheelchair use or stable seating, very good cond, \$150 or BO, Item ID 643

## Speech Communication

DynaVox 2c desk mount kit, Sentient Systems Technology, black with silver mounting plate, can be used on desk/table/floor, free, Item ID 294

Holly.com, color overlays w/8 or 32 keys, free, Item ID 505

Easy Talk 8 carry case, The Great Talking Box, case only, Easy Talk 8 not included, black, soft padded, shoulder strap, free, Item ID 293

Keyguards, PRC, Vanguard 45-Loc Keyguard, AlphaTalk 4- and 8-Loc Operating Kits, DeltaTalker 32-Loc Operating Kit, never used, free, Item ID 375

Optical headpointer, PRC, for the Liberator, DeltaTalker, AlphaTalker, AlphaTalker II, Light Talker, and IntroTalker, never used, free, Item ID 374

Personal communicating system, Abovo, remote display, battery charger, free, Item ID 528

SideKick, Prentke Romich, AAC device uses digitized speech, very good cond, free, Item ID 519

Talk switch, Ablenet, single item w/snap-on switch cap, never used, \$25, Item ID 588

## Vehicle Modification and Transportation

Conversion van, 1998 Dodge, w/wheelchair lift, 54K miles, very good cond, \$9,800 or BO, Item ID 761

Car, 1992 Mercury Cougar XR7, w/mobility lift, Craftmatic 3 scooter w/basket, 102K miles, \$4,500 or BO, Item ID 775

Scooter lift, goes in back of van, must remove from van, BO, Item ID 689

Scooter/wheelchair lift, Harmar A1 3000, rated for 350 lbs, protects device from the elements, swingaway bar, excel cond, \$1,200 or BO, Item ID 730

Van, GMC Safari, 1997, w/hydraulic power wheelchair lift rated for 400 lbs, 44K miles, 2 captains chairs/1 passenger seat, power windows/locks, new brakes, tires, oversized battery, w/current MD inspection, \$10,000 or BO, Item ID 731

Van, Ford Windstar, 2001, grayish green, rear automatic ramp, automatic side sliding doors, front seat accessible for wheelchair, tie downs, 29K miles, very good cond, \$15,000 or BO, Item ID 733

Van, Ford E-150, 1994, w/wheelchair lift, 77K miles, conversion w/ TV/VCR, 4 captains chairs, seats 6 plus w/c, white w/blue trim, very good cond, \$5,000, Item ID 724

Van, Ford Windstar, 1998, high top, light blue, w/wheelchair lift, \$15,000 or BO, Item ID 723

*continued on page 14*

# Delaware AT Exchange (continued)

Van, Oldsmobile/Silhouette, 2000, premiere edition extended, automatic transmission, front wheel drive, quad seating, VHS system, tow package sliding doors on both sides, hand controls for right handed person, 71K miles, very good cond, \$9,800 or BO, Item ID 664

## Vision

ClearView 500 video magnifier, Optelec, w/17" black/white monitor, small folding wing table included, excel cond, \$800, Item ID 741

ClearView video magnifier, Optelec, color plus black/white, excel cond, \$2,500 or BO, Item ID 633

Screen Reader, Window Eyes, 5.0 ver, excel cond, \$200, Item ID 544

## Items Being Sought

Entervan, drivable from a wheelchair, Item ID 751

Gait trainer, for adult, willing to pay reasonable price, Item ID 712

Geri chair, good cond, willing to pay reasonable price, Item ID 737

Hospital table, Item ID 676

House, wheelchair accessible, small, one level house that can be modified or existing, anywhere in Delaware, Item ID 631

Laptop computer, Item ID 56

Minivan, Chevy or Ford Windstar, Item ID 423

Lift chair, any kind that also reclines for less than \$100, Item ID 770

Portable scooter, willing to pay reasonable price, Item ID 637

Stair lift, 3 steps, 5 steps, need 1 for each, Item ID 675

Stroller, axiom, rate for 150 lbs, needs basket/pocket and sun visor, Item ID 777

Stroller, special needs, for a tall 4 yr old, Item ID 734

Stroller, special needs, for child 4' 5", Item ID 736

Walker, w/wheels, lock brakes, basket, seat, Item ID 773

Walker/gait trainer, for adult, willing to pay reasonable price, Item ID 705

Wheelchair, manual (preferably folding) for an elderly woman, donation preferred Item ID 722

Wheelchair, lightweight, willing to pay reasonable price, Item ID 704

Wheelchair, extra wide, willing to pay reasonable price, Item ID 684

Wheelchair lift, for van, Item ID 622

**Note:** If you are looking for items not on the list, contact the DATI's Sussex County ATRC at (302) 856-7946 or (800) 870-DATI. New items are added regularly. If there has been no activity or interaction with the contributor to the list within six months, items are automatically removed from the list.

**Note on liability:** The DATI does not warrant the condition or terms of sale of any device offered for reutilization by an existing owner or borrower under the AT Program. The DATI shall not be liable for any claims, liabilities, damages, losses, costs, expenses (including but not limited to settlements, judgments, court costs and reasonable attorney's fees), fines and penalties, arising out of any actual or alleged injury, loss or damage of any nature whatsoever in connection with the sale or use of any device purchased or sold under the AT Program. It shall be the responsibility of the seller to provide accurate and detailed information about the device's specifications and condition to any buyer. The DATI functions solely as an information-sharing communication channel. ■

To Contact DATI's Central Site office or the ATRC closest to you, call 1-800-870-DATI

Press

#1 for English or

#2 for Spanish,

then press

#3 for the Central Site office

#4 for the New Castle County ATRC

#5 for the Kent County ATRC

#6 for the Sussex County ATRC

TDD callers: Do not press #1 or #2 and your call will be answered on a TDD line at the Central Site office.

## DATI Equipment Loan Policy

DATI has a wide variety of equipment at the Assistive Technology Resource Centers for the primary purpose of demonstration and short-term loan. The policy for the loan of the equipment is as follows:

The standard loan period is two weeks, defined as the day borrowed (e.g., Monday the 10th) to the same day two weeks later (e.g., Monday the 24th). Loans may be extended providing there are no names on the waiting list and/or that an extension will not interfere with an existing reservation. The maximum loan period is four weeks.

A maximum of four devices may be borrowed during any single loan period. However, combinations of devices may be treated as a single device if the components are interdependent—either operationally, or because one component is required for the user to access another. Equipment loans across state lines are not permitted. Equipment must also remain in Delaware throughout the loan period. ■



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## DATI RESOURCE CENTERS THROUGHOUT THE STATE...

1-800-870-DATI  
dati@asel.udel.edu

New Castle County ATRC  
Alfred I. duPont Hospital for Children  
203 Administration & Research Bldg.  
1600 Rockland Rd.  
Wilmington, DE 19899  
(302) 651-6790;  
(302) 651-6794 (TDD);  
(302) 651-6793 (fax)

Kent County ATRC  
Easter Seals Kent County Center  
100 Enterprise Place, Suite 1  
Dover, DE 19904-8200  
(302) 739-6885; (302) 739-6886 (TDD)

Sussex County ATRC  
20161 North Office Circle, Suite C  
Georgetown, DE 19947  
(302) 856-7946; (302) 856-6714 (voice or TDD)

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