



## IDEA STATION

*(Individuals with Disabilities Entitled Access Station)*

## STATUS REPORT

### 1. Status Report:

After determining and contacting an ADA point-of-contact at each UNC institution, the PIs for the IDEA Station Grant developed, circulated, and evaluated a detailed questionnaire that contained information about each campus's ADA efforts and resources. Spreadsheets depicting some of these results are attached to this report. Additional research was conducted to provide the PIs with a general familiarity and overview of ADA and assistive technology issues. From the information gathered and analyzed, the PIs then compiled a resource list of UNC-wide assistive technology points of contact for each campus, a suggested list of Hardware and Software to be used by UNC Institutions, and a list of hyperlinks for on-line ADA resources. All three lists (below) will be posted and available through the TLT Portal to promote cooperative on-going participation of ADA and Assistive Technologies collaborative efforts throughout the UNC system. The items listed on the "Hardware and Software Resource List" have all been purchased and are arriving at the two campus sites.

### UNC Contacts for Assistive Technologies:

Appalachian State University	Steven Breiner	breiner@appstate.edu
East Carolina University	CC Rowe	rowec@mail.ecu.edu
Elizabeth City State University Students	Annie Hedgebeth	aahedgebeth@mail.ecsu.edu
ECSU Faculty/Staff	Mike Godfrey	magodfrey@mail.ecsu.edu
Fayetteville State University	Fred Sapp	fsapp@uncfsu.edu
Fayetteville State Faculty and Staff	Marion Olion	molion@uncfsu.edu
NC A and T State University	Peggy Oliphant	oliphant@ncat.edu
NC Central	Ken Chambers	kchambers@wpo.nccu.edu
NC State-ADA Coord	Greg Holden	greg_holden@ncsu.edu
NC State	Louis Harrison	lou@ncsu.edu
NC State - Students	Patricia Smith	patricia_smith@ncsu.edu
NCSU Assistive technology	Terry Thompson	terry_Thompson@ncsu.edu
North Carolina School of the Arts	Lisa Weatherman	weathl@ncarts.edu

UNC - Asheville	Mark Fox	mwfox@unca.edu
UNC - Chapel Hill	Jeanne Smythe	Jeanne_Smythe@unc.edu
UNC - Charlotte	Janet Filer	jfiler@email.uncc.edu
UNC - Greensboro	Janice Tulloss	janice_tulloss@uncg.edu
UNC - Pembroke Students	Brenda Deese	deeseb@nat.uncp.edu
UNC - Wilmington	Kim Kelly	kellyk@uncwil.edu
Western Carolina University	Carol Mellen	mellen@wcu.edu
Winston Salem State University	Kenneth Gay	gayk@wssumits.wssu.edu

### Hardware and Software Used by UNC Institutions:

Item Description	Vendor
IBM PC 300 PL Pentium III, 733 MHz, 128 MB RAM (and 256MB SDRAM DIMM) 10 GB HD w/17.8 monitor & zip	*Compucom Customer Service, NC Govt. Team 3082, 7171 Forest Lane, Dallas, TX, Tel: 877-856-1376, Fax: 800-538-8759
Juliet Pro-60 (Braille Printer) and heavy stock feed paper	Enabling Technologies Co., 1601 Northeast Braille Place, Jensen Beach, FL, Tel: 800-777-DOTS
Electric Tables	Assist-Tech, Inc., 104 Eagleville Road, Suite A, Orange, MA 01364, Tel: 978-544-5318
Zoom Text Extra Software	Assist-Tech, Inc., 104 Eagleville Road, Suite A, Orange, MA 01364, Tel: 978-544-5318
JAWS for Windows ver. 3.5 w/Maint. Agmt	Computer Resources & Training, Inc., 60 Monte Vista Drive, Waynesville, NC 28786 Tel: 800-232-5899
Outspoken for Windows Ensemble	Computer Resources & Training, Inc., 60 Monte Vista Drive, Waynesville, NC 28786 Tel: 800-232-5899
SAM-Trackball & JoyStick w/Simple Switch	R.J. Cooper & Assoc., Inc., 27601 Fordbes Rd. #39, Laguna Niguel, CA 92677, Tel: 800-RJ-COOPER
Braille In-KeyBoard	Sighted Electronics, Inc., 464 Tappan Road, Northvale, NJ 07647, Tel: 201-767-3977
HP USB Cable Interface/InkjetCrtg/Tri-Color Crtg	*Pomeroy Computer Resources, P.O. Box 13207, RTP, North Carolina 27709, Tel: 919-460-5738, Ext. 344 (Ben Richards)
HP Office Jet G55XI All-In-One	*Pomeroy Computer Resources, P.O. Box 13207, RTP, North Carolina 27709, Tel: 919-460-5738, Ext. 344 (Ben Richards)
Sit-On-It Chair - Executive Back	*Hughes-Rankin Company, Inc., P.O. Box 1628, High Point, NC 27261, Tel: 800-799-2363
Duxbury Braille Translator Software	Duxbury Systems, Inc., 270 Littleton Road, Unit 6, Westford, MA 01886-3523, Tel: 978-692-3000
Monster Sound Card, Microphone & Headphones	*CDW Government, Inc. 230 North Milwaukee Ave., Vernon Hills, IL 60061, Tel: 800-863-4239
Dragon Naturally Speaking Prof	Computer Concepts, Inc., 1601 North Oak Street, Myrtle Beach, SC 29577, Tel: 843-626-9600, Fax: 843-626-9651
Braille Labels for Qwerty Keyboard	Hooleon, 411 South 6 <sup>th</sup> Street, Building B, Cottonwood, AZ 86326, Tel: 800-937-1337
Gus Access Keyboard w/Word Prediction SW	Gus Communications, Inc., 1006 Lonetree Court, Bellingham, WA 98226, Fax: 360-715-9633

110lb paper, wrist rest, surge protector Monitor Mount and Arm Mount, mouse rest	Any local office supply store.
--	--------------------------------

\*State Contract 1999-2000 fiscal year

## On-Line Resources:

### The Law and Assistive Technologies

- Americans with Disabilities Document Center - <http://janweb.icdi.wvu.edu/kinder/>
- ADA Technical Assistance - <http://www.adata.org>
- U.S. Department of Justice ADA Homepage - <http://www.usdoj.gov/crt/ada/adahom1.htm>

### UNC University Web Sites (more to come)

- Appalachian State University
  - Equity Office - ADA Policy - [http://www.appstate.edu/www\\_docs/depart/equity/](http://www.appstate.edu/www_docs/depart/equity/)
- Elizabeth City State University has also started including Web page ADA compliance articles in its campus newsletters and would like to have these articles shared on the TLT Portal as well. The articles to date can be located as follows:

*Technology @ecs.edu - June 2000 Issue -*

\* Questions and Answers:

<http://www.ecsu.edu/ECSU/Communications/acc/EdTech/Newsletter/June/page8.html>

*Technology @ ecsu.edu - July 2000 Issue -*

\* Questions and Answers:

<http://www.ecsu.edu/ECSU/Communications/acc/EdTech/Newsletter/July/page4.html>

\* 13 Top Tips for Accessable Web Page Design -

<http://www.ecsu.edu/ECSU/Communications/acc/EdTech/Newsletter/July/page8.html>

- North Carolina State University
  - Services to Users with Disabilities - NCSU Libraries - <http://www.lib.ncsu.edu/risd/atc/>
  - Disability Services for Students - [http://www2.ncsu.edu/ncsu/stud\\_affairs/counseling\\_center/](http://www2.ncsu.edu/ncsu/stud_affairs/counseling_center/)
- UNC-Chapel Hill
  - Department of Disability Services (DDS) - <http://www.unc.edu/depts/disablt/>
  - Learning Disabilities Services - <http://www.unc.edu/depts/lds/>
  - Disability Access on the Web - [http://help.unc.edu/ctc/prev\\_update.html](http://help.unc.edu/ctc/prev_update.html)
  - Assistive Technology for the Disabled Computer User - <http://www.unc.edu/cit/guides/irg-20.html>
- UNC-Wilmington - <http://www.uncwil.edu/stuaff/DISABLT/>
  - Documenting the Disability - <http://www.uncwil.edu/stuaff/DISABLT/6docum.htm>
  - Accommodations - <http://www.uncwil.edu/stuaff/DISABLT/7accom.htm>
  - Category of Disability - <http://www.uncwil.edu/stuaff/DISABLT/4categ1.htm>
- Western Carolina University
  - Services for Students with Disabilities - <http://www.wcu.edu/studentd/disabled/>
  - Computer-Based Assistive Technology - <http://www.ceap.wcu.edu/houghton/EDELCompEduc/Themes/assistive.html>

**North Carolina Department of Health and Human Services: Helping People with Disabilities**  
<http://www.dhhs.state.nc.us/docs/issues/disab.htm>

**North Carolina: State Resources Literacy and Learning Disabilities**  
<http://www.nifl.gov/lincs/collections/LD/index.html>

**IRMC Work Group on Accessibility (North Carolina Work Group formed in 1999)**  
<http://irmc.state.nc.us/access/>

**North Carolina Assistive Technology Project** - <http://www.mindspring.com/~ncatp/>

- Funding Information for Augmentative Communication Devices - <http://www.mindspring.com/~ncatp/fdaugcom.html>
- Possible sources for obtaining a computer - <http://www.mindspring.com/~ncatp/fdcomp.html>
- Steps to Acquire Funding for Assistive Devices - <http://www.mindspring.com/~ncatp/fundstep.html>
- Steps to Acquire Funding for Assistive Devices Using Private Health Insurance - <http://www.mindspring.com/~ncatp/fdprivinsu.html>
- Funding Options for Prosthetics for Adults - <http://www.mindspring.com/~ncatp/fdpros.html>
- Information on Funding for Vans - <http://www.mindspring.com/~ncatp/fdvans.html>
- North Carolina Assistive Technology Project Hot Sites - <http://www.mindspring.com/~ncatp/hsites.htm>
- Resources Available to Families of Children with Disabilities in North Carolina - <http://www.mindspring.com/~ncatp/p12.htm>

### **Web Accessibility**

- W3C Web Accessibility Initiative - <http://www.w3.org/WAI/>
- Bobby - <http://www.cast.org/bobby/>
- WebABLE - <http://www.webable.com/>
- Web Content Accessibility Guidelines Working Group - <http://www.w3.org/WAI/GL/>
- Web Accessibility - IBM Site - <http://www-3.ibm.com/able/accessweb.html>

### **Organizations**

- National Organization on Disability - <http://www.nod.org/>
- National Institute on Disability and Rehabilitation Research - <http://www.ed.gov/offices/OSERS/NIDRR/index.html>
- National Rehabilitation Information Center - <http://www.naric.com/>
- Women with Disabilities - <http://www.4women.gov/wwd/>

**Tech Connections** - <http://www.techconnections.org/>

- Types of Assistive Technology - <http://www.techconnections.org/products/index.html>
- Assistive Technology by Disability - <http://www.techconnections.org/disability/index.html>

**The Exceptional Children's Assistance Center** - <http://ecac-parentcenter.org/>

**Closing the Gap: Computer Technology in Special Education and Rehabilitation** - <http://www.closingthegap.com/>

### **Budget:**

Allocation for this grant totaled \$31,040 (\$15,520 for each of the two PI's university); however, WCU only received \$15,000 due to an accounting error. It is estimated that ECSU spent about \$15,500.78 and WCU

spent about \$11,576.69 of its monies. Below is a list of all expenditures. No amounts will carry over to the next fiscal year.

## IDEA STATION EXPENDITURES

Quantity	Description	Unit Price	Total
1	IBM PC 300 PL Pentium III w/17.8 monitor & zip	2,694.52	\$2,694.52
2	Juliet Pro-60 (Braille Printer)	4,205.00	\$8,410.00
2	Electric Tables	1,952.00	\$3,904.00
2	Zoom Text Extra Software	585.00	\$1,170.00
2	JAWS for Windows ver. 3.5 w/Maint. Agmt	780.00	\$1,560.00
2	Outspoken for Windows Ensemble	645.00	\$1,290.00
1	SAM-Trackball & JoyStick w/Simple Switch	370.65	\$370.65
2	Braille In-Keyboards	815.00	\$1,630.00
1	HP USB Cable Interface/InkjetCrtg/Tri-Color Crtg	90.10	\$90.10
1	HP Office Jet G55XI All-In-One	472.76	\$472.76
2	Sit-On-It Chair - Executive Back	259.80	\$519.60
2	Duxbury Braille Translator Software	595.00	\$1,190.00
2	Monster Sound Card, Microphone & Headphones	119.29	\$238.58
2	Dragon Naturally Speaking Prof.	625.50	\$1,251.00
2	Braille Labels for Qwerty Keyboard	23.27	\$46.54
2	Gus Access Keyboard w/Word Prediction SW	495.00	\$990.00
1	110lb paper, wrist rest, surge protector	51.89	\$51.89
1	Montr Mt and Arm, mouse rest, prt carts & 110lbpap	721.00	\$721.00
1	Dig Clock, xtra Sup:Hdphones, Spkr, disk Hlds, Sec kit, surge protect, track ball, extension cords, etc.	476.83	\$476.83
<b>TOTALS</b>			<b>\$27,077.47</b>

### Summary of Work to be Completed:

- It is the intentions of the PIs (contingent upon the software learning curve) to have the IDEA stations set-up, functioning and ready for use by the end of August 2000.
- The PIs would also like to see a UNC-ADA listserv set-up with all UNC ADA points of contact subscribed to this list for on-going discussion and sharing of ADA information and resources.
- Proposal submitted to present at UNC 2000 CAUSE Conference scheduled for September 27-29, 2000.
- Proposal submitted to present to the Computers on Campus National Conference - November 12-15, 2000.

**Outcomes:**

- List of UNC Contacts for Assistive Technologies
- List of suggested Hardware and Software Used by UNC Institutions
- Presentations at the TLT Retreat in Boone, NC
- List of On-line Resources
- Articles written and published in ECSU's monthly newsletter entitled Technology@ecsu.edu available at <http://www.ecsu.edu/ECSU/Communications/acc/EdTech/Newsletter/NLI.htm>

**Feedback:**

PI's would appreciate feedback from the TLT Collaborative web site visitors as well as from conference presentations and colleagues interested in assistive technologies.

**Additional Comments:**

This project has ongoing needs. New technologies are being developed at rapid rates. The PI's of this project have learned a great deal during the past several months concerning assistive technologies. One of the most important discoveries is that assistive technology support and continuous updating of resources is a momentous task.

Therefore, the PI's of this project recommend that a full-time staff position be considered to assist the UNC institutions and serve as a liaison with North Carolina Community College System and North Carolina Department of Public Instruction personnel. The coordination of a collaborative effort in the area of assistive technologies could eliminate duplication of effort and provide a body of knowledge and resources to the state.

In addition, there is a need for assistance in the area of web site compliance for distance learning and instructional web sites. A random "Bobby" check of UNC web sites indicates a need for more proactivity in the area of web page accessibility to general university web pages as well as to instructionally geared web sites.

<u>Information Furnished by PI's:</u>	
Susan J. Peck Instructional Technology Specialist Elizabeth City State University (ECSU) 1704 Weeksville Road, Campus Box 924 Elizabeth City, NC 27909 Tel: 252-335-3592, Fax: 252-335-3534 Email: <a href="mailto:sjpeck@mail.ecsu.edu">sjpeck@mail.ecsu.edu</a>	Beth Rodger-Leftwich Instructional Technology Specailist Western Carolina University (WCU) 186 Hunter Library Cullowhee, NC 28723 Tel: 828-227-2093, Fax: 828-227-7340 Email: <a href="mailto:leftwich@WCUVAX1.wcu.edu">leftwich@WCUVAX1.wcu.edu</a>

