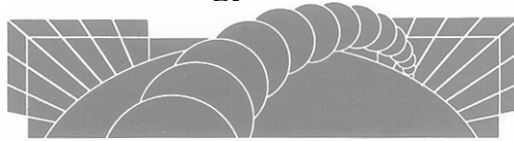


# Instructional Technology and Education of the Deaf



Supporting Learners, K – College  
An International Symposium

Sponsored by  
National Technical Institute for the Deaf at Rochester Institute of Technology  
The Nippon Foundation of Japan and PEN-International  
<http://www.rit.edu/~techsym>

## Post-Symposium Workshops ~ June 29-30, 2005

The National Technical Institute for the Deaf (NTID) will host an international symposium entitled *Instructional Technology and Education of the Deaf: Supporting Learners, K – College* June 27-30, 2005, on the campus of Rochester Institute of Technology (RIT) in Rochester, New York.

A goal of the Symposium is to provide a forum for educators supporting deaf and hard-of-hearing learners to disseminate information relative to current and future innovations and developments in the use of educational media and technology within the teaching/learning process. A symposium consisting of 3 plenary addresses, 46 formal presentations and 24 poster sessions will occur on June 27-30, 2005. A second goal is to provide a hands-on opportunity for participants to develop skills in the application of instructional technologies to the learning/teaching process through enrollment in Pre-Symposium Workshops, June 29-30, 2005. The descriptions for these all day workshops are below.

Complete symposium information and program details can be found at <http://www.rit.edu/~techsym>. The Symposium and Workshop Registration form, which lists registrations costs, can be found at [http://www.rit.edu/~techsym/Reg\\_Form\\_2005.pdf](http://www.rit.edu/~techsym/Reg_Form_2005.pdf)

Contact E. William Clymer, Chair, Symposium, [techsym@rit.edu](mailto:techsym@rit.edu), 585-475-6894 (V/TTY) for more information.

### Wednesday, June 29, 2005

#### *Half-day workshops*

#### W1. **Acrobat 7 – Forms, Commenting, and Annotations**

Need for this workshop: I have found that our students do better in written tests when they can type/edit/retype as they take the tests. Also, Acrobat 7 Pro and Adobe Reader 7 will make the use of comments and annotations even easier and more wide-spread. Comments and annotations can be used when correcting and editing reports, essays, research papers, etc.

Workshop will include:

- tips for making PDF files from MS Word
- using Acrobat to make forms for tests with T/F, Multi-choice, fill-in blank, and essay Q&A formats (also good for survey and data collection forms)
- using Acrobat to add comments and annotations to PDF files (great for correcting/editing written assignments in all courses)

Presenter

**Ken Hoffmann** is a Professor in the Digital Imaging & Publishing Technology Department at NTID/RIT. Ken has been a faculty member at NTID since 1982 and was department chairperson from 1991-2001. Ken has been a teacher and craftsman in the printing and publishing industry since 1974 and has been a frequent presenter of industry seminars and workshops for the past 18 years. Ken's primary areas of interest and expertise include desktop publishing layout, typography, PDF document production, and print production workflow.

#### W2. **Electronic Portfolios**

Participants will create an individualized electronic portfolio using PowerPoint technology. The resulting Electronic Portfolio can be published on the Web or on a CD for use in the job search process. Discussion will include the reasons why electronic portfolios are effective.

Presenters

**Kathy Dollinger-Meyer**, RSD Alumni 1975, SVP 1975, is an Employment Specialist in the Dept. of NTID Center of Employment (NCE) since 1999. She enjoys working with NTID/RIT students majoring in Art and Computer Design, Graphic Design, Industrial Design, Social Work, Psychology and Professional/Technical Communication. She also works with different employers to potentially hire our students. She teaches Job Search Process for NTID students to prepare for their working world. After she received an MA in Rehabilitation Counseling for the Deaf, she has been a rehabilitation counselor for the Deaf for the past 20 years.

**Kurt Stoskopf** is an Instructor in the Art and Computer Design Department at NTID. He graduated from RIT with a B.F.A. in Graphic Design and a M.F.A. in Computer Graphics Design. Kurt currently teaches computer graphics and web design at NTID and was instrumental in developing the web design concentration for the Art & Computer Design Department. He has expertise in computer graphics, web design, and traditional illustration.



**W3. Use of Free Online Tutorials and Electronic Classroom Resources**

Tutorials and other hands-on learning opportunities are “out there” on the Internet. This workshop will demonstrate a variety of these resources, provide some search strategies to help participants locate other resources, and show how to incorporate “free for the using” activities and tutorials into your course/class plans.

Presenters

**Gail Rothman-Marshall, Ph.D.**, is an Associate Professor of Psychology. She provides instruction and tutoring support for deaf students taking courses from RIT’s College of Liberal Arts.

**Jonathan Millis** is the Electronic Resources Librarian for the Department of Educational Design Resources at NTID/RIT. He provides technical and pedagogy support for NTID faculty and staff.

**W4. Outsmarting the Technology: The Secrets Behind the SMART Board**

Using SMART Board interactive whiteboards, classrooms can be transformed into engaging learning environments where active participation and visual learning are at the heart of instruction. This workshop will guide participants from the basics of understanding the touch-sensitive display to a look at more advanced software applications that can be utilized in the classroom with students. Participants will learn about how this technology is transforming instruction and will have the opportunity to experience this excitement through hands-on interactive simulations.

Presenter

**Denise Stappenbeck, M.A., C.A.S.**, is Director of Technology Programs at the Rochester School for the Deaf.

**W5. SnagIt**

If you’re developing curriculum or producing manuals or training materials as an administrator or educator of the deaf, then screen captures can easily become a major part of your development time and energies. This hands-on workshop will relate SNAGIT, the award-winning screen capture program which captures images, text, and video to enhance documentation, presentations, training and more. SnagIt 7 is a great program for screen capturing. This workshop will teach you how to speedily grab an image, text block, part of the screen and even scrolling pages from the web and edit the results, add annotations, sticky notes, arrows or other symbols, and paste it into another document or send as an e-mail attachment. This software is very affordable and a great value for only \$40.

Presenter

**James Mallory** is a Professor in the Applied Computer Technology Department at NTID/RIT.

**W6. TurnItIn (anti Plagiarism software)**

*In comparing various authors with one another, the most diligent and latest writers have transcribed, word for word, from former writers, without making any change.* (23 AD-79 AD), *Natural History* (Warrior Librarian Week)



*Log on. Search. Click. Download. Cut. Copy. Paste. Graze. Email. IM. Snap a Picture: Digital Plagiarism in the 21<sup>st</sup> Century*

Plagiarism has been going on forever and has touched every field possible. But, as educators, our job is to help students avoid the pitfalls of plagiarism and have confidence and time management skills to do papers using their original thoughts. However, the internet has made that job a bit harder than ever before. New web sites pop up everyday that entice students to just pay a fee or try a free paper instead of doing their own work. Paper mills are proliferating at a rapid pace and are a doctom success story. Compare these stats: March 1999 there were 35 sites; March 2003 there were 250 sites. (<http://www.coastal.edu/library/presentations/mills2.html>)

Furthermore, according to Who’s Who Among American High School students “80% of students” have cheated in some way during their schooling (Mydropbox.com). In a US News and World Report, “90% of students believe cheaters are either never caught or have never been appropriately disciplined” (Mydropbox.com). Teachers might feel there isn’t much can be done, but this workshop will show ways in which teachers from middle school to college can detect plagiarism and other types of cheating that occur in the classroom. It will offer:

- videos showing the newest technologies used by students when cheating
- websites that explain how to detect and prevent plagiarism
- lists of various websites to help teachers in preventing various types of cheating
- handout that will offer suggestions on how to tailor assignments in order to limit plagiarism
- tips on how to spot not only website inappropriate help but how to spot inappropriate help in general.

Plagiarism may be becoming a plague, but it is one we can stop.

Presenters

**Joan Naturole** is the Deaf, Disability and Education Librarian at RIT’s Wallace Library. She serves as liaison for students and faculty in the National Technical Institute for the Deaf (NTID); provides classroom instruction and research consultation, and select information resources to support teaching and research related to Deafness, Disabilities and Education.

**Maureen Barry**, a Visiting Instructor at NTID, provides instruction and tutoring support for deaf students taking courses from RIT’s College of Liberal Arts; tutors deaf and hearing students in the RIT’s Learning Development Center’s Writing Lab; and teaches reading for RIT’s HEOP summer program.



## W7. **Emerging Technologies and Assistive Communication**

This workshop examines the utilization of emerging technologies to reduce the dependency of Deaf or hard of hearing consumers on third-party intermediaries, reduce financial barriers and enable individuals to become more independent in pursuing their educational and career goals.

The ADA heralded a new frontier for Deaf or hard of hearing students attending educational institutions. Since ADA is a civil rights law it does not provide the funding necessary to generate appropriate technology to meet the communication needs of students, nor to ensure there are sufficient interpreters or individuals trained to facilitate access for consumers who are Deaf or hard of hearing.

In this workshop we will examine two issues. (1) Are today's commercially available speech to text systems good enough for real time use in classroom settings? (2) Regardless of how real-time text transcripts are generated, how can text streams be displayed so that students who are deaf or hard of hearing do not have to divide their attention among different output sources of information such as the instructor, a PowerPoint presentation, a computer screen and slides.

To explore the first question, we will discuss, demonstrate, and enable users to compare various speech to text systems. To explore the second question, we will present a video designed to illustrate and educate administrators and service providers about the problem of visual attention-splitting, and demonstrate two systems that can minimize the problem: the Communication Assistant, a heads' up display developed at Georgia Tech Research Institute, and MultiChat, a real time browser-based text streaming and chat system developed at RIT.

Presenters

**Peter A. Lalley**, National Technical Institute for the Deaf, Rochester Institute of Technology; **Catherine Beaton** and **Jon Schull**, Golsano College of Computing and Information Sciences, Rochester Institute of Technology.

**Thursday, June 30, 2005**

### *Half-day workshop*

#### T1. **Acrobat 7 – Interactive and Multimedia**

~~Need for this workshop: PowerPoint files do not work on another computer due to platform (PC/Mac) and font requirements. Compiling all PDF and media files into a presentation fully transportable and platform independent.~~

~~Workshop will include:~~

- ~~making PDF slides and handouts from PowerPoint file.~~
- ~~adding interactive, incl Web links and multi-media, capabilities to PDF file to make platform independent, font-embedded presentation files.~~

~~Presenter~~

~~**Ken Hoffmann** is a Professor in the Digital Imaging & Publishing Technology Department at NTID/RIT. Ken has been a faculty member at NTID since 1982 and was department chairperson from 1991-2001. Ken has been a teacher and craftsman in the printing and publishing industry since 1974 and has been a frequent presenter of industry seminars and workshops for the past 18 years. Ken's primary areas of interest and expertise include desktop publishing layout, typography, PDF document production, and print production workflow.~~

### *Full-day workshops*

#### T2. **Digital Imaging Basics Photoshop Elements 3.0**

This workshop is for those who have little or no experience with digital imaging. Participants will experience hands-on training in the use of Adobe Photoshop Elements 3.0. Using this consumer grade application, participants will receive training in the basics of digital image acquisition and manipulation. Images will be acquired through the use of digital cameras, scanners, CD's, Internet downloads, and clip art libraries. Issues such as scanning images, image resolution, layering images, and adding effects will be discussed. Image formats such as .TIF, .PSD and image compression formats such as .GIF, .JPG will be also discussed. Image preparation for presentation (PowerPoint), the Web and print will be introduced. For more information on the capabilities of Photoshop Elements 3.0, please visit the following link: <http://www.adobe.com/products/photoshopelmac/main.html>

Presenter

**Tony Toscano** is an Associate Professor in the Department of Digital Imaging and Publishing Technology and a working artist. His expertise is in the area of visual communication and includes image acquisition, image manipulation, image preparation, presentation media and Web design. He has extensive experience in academia and industry. For more information refer to: <http://www.rit.edu/~antnvc>

#### T3. **Introduction to Video Editing (Post-Production) for Mac Users**

This workshop provides basic hands-on training in the use of Apple's consumer digital video software iMovie. Participants will learn how to import and export video footage, edit, add transitions, audio and text. An open-forum to pitch and receive feedback about your project ideas will also be available.

Presenter

**Stacy Bick** is a TV Producer/Director for the Educational Design Resources Department at NTID/RIT. Her video background consists of producing educational videos, documentaries, Public Service Announcements and commercials. Stacy earned a B.F.A in Film/Video, and a M.S. in Cross-Disciplinary Professional Studies: Deaf Education, Multimedia and Human Resource.



T4. **Digital Video Basics for PC Users**

This workshop will introduce participants to creating digital videos using Windows Movie Maker. In addition to exploring educational applications for video, topics will include the fundamentals of digital video, the production processes (planning, shooting, editing), and distribution options. Participants will receive instruction on how to use digital video cameras, perform basic editing procedures, and enhance videos with special effects.

Presenter

**Hope Williams** is the Instructional Technology and Training Specialist for the Department of Educational Design Resources at NTID/RIT. For the past 15 years, she has specialized in technical training, Web development, digital video production, and database development. Hope received a B.S. in Business Management and an M.S. in Instructional Technology from the Rochester Institute of Technology. Her areas of interest and expertise are in multimedia development, video conferencing, and online learning.

T5. **PowerPoint 2003**

Microsoft PowerPoint 2003 is a powerful interactive presentation tool used widely throughout education and business. At the end of the workshop, participants will be able to understand navigation through presentation, create and format text slides, add images to the slides, modify objects, utilize animation effects and create tables and charts. Participants will also learn about obtaining electronic resources and discuss successful uses vs abuses of PowerPoint. Participants should come with a working knowledge of basic PC computer usage such as email capabilities or text entry in a word processor such as MS Word.

Presenter

**Karen Beiter** is an instructor and a deaf faculty member in the Applied Computer Technology department at Rochester Institute of Technology's National Technical Institute for the Deaf. She has been teaching for seven years. Karen has both Bachelor of Science and Master of Science degrees in Computer Science from RIT. Before joining the NTID faculty she worked for several companies, including 13 years at Eastman Kodak Company as a computer programmer/systems analyst.



Integrating Digital Video Workshop  
June 2003