

# IAT INFOBITS

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## About INFOBITS

*Infobits* is an electronic service of the Institute for Academic Technology's Information Resources Group. Each month we monitor and select from a number of information technology and instruction technology sources that come to our attention and provide brief notes for electronic dissemination to educators.

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## SCHOLARLY SOCIETIES PROJECT

The University of Waterloo Library has announced the Scholarly Societies Project, a set of World-Wide Web pages designed to facilitate access to various kinds of electronic resources maintained by or for scholarly societies across the world. The pages include links to over 70 Web pages, pointers to over 100 Gophers associated with scholarly societies, a collection of 29 subject guides, and a set of links to full-text archives of over 40 serial publications by scholarly societies.

To access the site, point your Web browser to <http://www.lib.uwaterloo.ca/society/overview.html>

For more information, contact

Christine Jewell (Humanities & Social Sciences) at [cjewell@library.uwaterloo.ca](mailto:cjewell@library.uwaterloo.ca)

or Jim Parrott (Engineering, Mathematics, Medicine & Science) at [jrparrot@library.uwaterloo.ca](mailto:jrparrot@library.uwaterloo.ca)

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## NEW TOOLS FOR TEACHING

The IAT will be sponsoring a satellite broadcast, "Hi-Touch Technology: Authenticity in the Learning Environment," on February 23, 1995. One of the participants will be Jim O'Donnell, Professor of Classics at the University of Pennsylvania. O'Donnell is author of "New Tools for Teaching," a series of World-Wide Web pages devoted to describing and demonstrating some of the things that can be done today to improve teaching through the use of networked information. The emphasis is on humanities teaching, especially on classical/medieval studies. Point your WWW browser to <http://ccat.sas.upenn.edu/teachdemo>

For more information on "New Tools for Teaching" contact Jim O'Donnell at [jod@ccat.sas.upenn.edu](mailto:jod@ccat.sas.upenn.edu)

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## INCLASS -- INTERNET IN THE CLASSROOM MAILING LIST

Under the host sponsorship of Canada's SchoolNet, INCLASS is a moderated Internet discussion list about using the Internet in the classroom for educators, scientists and education sector marketers. The list "promotes the use of the Internet as a means to keep students interested in life-long learning, focusing on adapting successfully and creatively

to change, concentrating on aiming for personal excellence."

To subscribe send an email to [listproc@schoolnet.carleton.ca](mailto:listproc@schoolnet.carleton.ca) with the message:

subscribe INCLASS your\_firstname your\_lastname

If you have questions, contact the list owner Doug Walker, at [dewalker@schoolnet.carleton.ca](mailto:dewalker@schoolnet.carleton.ca)

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### **CAUSE RELEASES PROFESSIONAL PAPER #13**

"Organizational and Technological Strategies for Higher Education in the Information Age" by David J. Ernst, Richard N. Katz, and John R. Sack, examines five key trends impacting higher education administration and strategies for responding to them. The trends include: (1) flat or decreasing funding sources, (2) public expectations and state mandates calling for more accountability, (3) consumer expectations demanding more sophisticated services, (4) evolving organization structures which will change traditional hierarchies, and (5) sophisticated knowledge workers who require increased technical and consulting support.

Copies may be purchased for \$12 (CAUSE members) and \$24 (non-members), by sending email to [orders@cause.colorado.edu](mailto:orders@cause.colorado.edu) or by calling 303-939-0310.

Abstracts of this and other titles in the CAUSE Professional Papers series are available from the CAUSE Gopher server at [cause-gopher.colorado.edu](http://cause-gopher.colorado.edu) or on CAUSE's new Web server at <http://cause-www.colorado.edu/>

CAUSE is an association for managing and using information in higher education. Its international membership includes colleges and universities, corporate members, and several higher education associations.

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### **ASSISTIVE TECHNOLOGY FOR DISABLED COMPUTER USERS**

The IAT Information Resource Guide, "Assistive Technology for the Disabled Computer User," has been recently updated. The purpose of the paper is to introduce administrators and staff of colleges and universities to the assistive technology that helps physically disabled students use computers; and to refer those who need more specific information -- whether on products and prices, or on agencies that work with and assist the disabled -- to resources in their area. Along with specific product information, the document includes addresses of listservers that discuss related topics and references to further readings.

You can get a copy from our Web site at URL <http://www.unc.edu/cit/guides/irg-20.html>.

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### **TECHNOLOGY REFUSAL**

In "Technology Refusal and the Organizational Culture of Schools," Steven Hodas maintains that "analyses of the deployment of technology in schools usually note its lack of impact on the day-to-day values and practices of teachers, administrators, and students. This is generally construed as an implementation failure, or as resulting from a temperamental shortcoming on the part of teachers or technologists. It is predicated on the tacit assumption that the technology itself is value-free. This paper proposes that technology is never neutral: that its values and practices must always either support or subvert those of the organization into which it is placed; and that the failures of technology to alter the look-and-feel of schools more generally results from a mismatch between the values of school organization and those embedded within the contested technology."

At the time of the paper's publication, Steven Hodas was on the staff of the University of Washington's School of Education. He is now the K-12 Internet Consultant for NASA and can be reached by email at: [hodas@nsipo.nasa.gov](mailto:hodas@nsipo.nasa.gov)  
To get a copy of Hodas' paper, send email to [listserv@asu.edu](mailto:listserv@asu.edu) with the message: `get hodas v1n10 f=mail`

The paper is an issue in the *Education Policy Analysis Archives*(EPAA), a peer-reviewed electronic journal published irregularly by the College of Education at Arizona State University. As articles are accepted for publication they are sent simultaneously to subscribers and to the archive.

To subscribe to EPAA, send email to [listserv@asu.edu](mailto:listserv@asu.edu)  
with the message: `subscribe edpolyar your_firstname your_lastname`

The EPAA articles are also available by

- (1) World-Wide Web at URL <http://info.asu.edu/asu-cwis/epaa/welcome.html>
- (2) gopher at URL <gopher://info.asu.edu:70/11/asu-cwis/epaa>
- (3) ftp at URL <ftp://info.asu.edu/pub/cwis/epaa>

To receive a publication guide for submitting articles,  
send email to [listserv@asu.edu](mailto:listserv@asu.edu)  
with the message: `get edpolyar pubguide f=mail`

General questions may be addressed to: Gene V. Glass, EPAA Editor, College of Education, Arizona State University, Tempe, AZ 85287-2411 USA; tel: 602-965-2692; email: [glass@asu.edu](mailto:glass@asu.edu)

Another article of interest in the same vein is "Why Teachers Fear the Internet" by Crawford Killian (*Internet World*, vol. 5, no. 8, November/December 1994, pp. 86-87). Killian writes from the perspective of the classroom teacher trying to use and incorporate online technology in the classroom. His experiences confirm many of the premises in Hodas' paper.

*Internet World* [ISSN 1064-3923] is published 10 times a year by Mecklermedia Corporation. Subscriptions are available from Internet World, P. O. Box 713, Mt. Morris, IL 61054 USA (North & South America) or Mecklermedia Ltd., Artillery House, Artillery Row, London SW1P 1RT, UK. Cost is \$29/year (US), \$41.73/year (Canada, Central & South America), £29/year (all other countries).

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## ELECTRONIC TEACHING AND LEARNING

*Electronic Teaching and Learning: Trends in Adapting to Hypertext, Hypermedia, and Networks in Higher Education*, by Robert E. Jensen and Petrea K. Sandlin, Trinity University. "The spotlight of this book is on emerging technology options for educators seeking to author or otherwise modify teaching and research materials with only a modest starting investment." Jensen and Sandlin focused their study on accounting faculty, surveying over 1,300 educators in colleges and universities in the US, Canada, UK, Hong Kong, Norway, and Australia. However, most of their information is applicable to any discipline. Chapters in the book cover the paradigm shift in computer-aided teaching, how to get started in authoring computer-aided materials, and speculations in what the future holds for educators using computer-assisted learning technologies. Several appendices provide lists of journals and newsletters of interest to teachers and researchers, sources of hardware and software for academic applications, and the answers the authors received from their faculty questionnaire.

A copy on diskette in Word for Windows version 2.0 is available for \$5.00 postage/handling fee from: CETA, P.O. Box 13677, College of Business Administration, The University of North Texas, Denton, TX 76203-6677 USA.

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**URL:** <http://www.unc.edu/cit/infobits/bitnov94.html>

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