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*The Libraries' core  
collection of over  
200 on-line data-  
bases and indexes  
is a major source  
for the serious  
researcher as well  
as any concerned  
citizen.*

# Information Technology

Newsletter

## Hello Wireless

**We're welcoming in a new level of convenience and freedom**

Whether University of Minnesota faculty, staff and students are outdoors or indoors, if they have a suitably configured laptop computer and wireless PCI card, they can access the Internet.

The wireless computing available on campus works like cordless phones as opposed to cell phones. This means you must be close to a base station; many base stations are located in Communications Kiosks. Some buildings have been equipped for coverage about the building. Wireless locations are available on the East Bank, West Bank and St. Paul campuses in these locations:

- Nolte Center, study/lounge area
- Northrop Mall
- Science Classroom, upper level
- Smith and Ford Halls, grass knoll in front of buildings
- Walter F. Mondale Hall (Law building)
- Wilson Library

### Communications Kiosks

Wireless base stations are also near many Communications Kiosks. Look for "Wireless is available here" signs to show you the way.





## Wireless on Northrop Mall

### Map

Communications Kiosks lists and campus maps are also available on-line: <http://lighthouse.micro.umn.edu/kiosk/>

The interactive map provides a wide range of campus information, including the locations of wireless base stations, Communications Kiosks and student computer labs. Once you've accessed the map's Website:

- click in the **Building Namer** section
- click on the **Computer Icon** to see the locations of kiosks and wireless base stations

### Hardware guidelines

If you want to set up your computer for wireless access on campus, here are some things you should keep in mind.

#### If you'll be using a Windows laptop

- Minimum hardware specifications: 32MB RAM and a Pentium II or greater processor.
- Purchase a compatible wireless card.

■ **Compatible example:** TechMart and Unique Software currently offer the Orinoco Gold and Cisco Aironet 340 cards for \$108.00 and \$178.00 respectively. Use your InternetID and password to access Unique Software's pages through TechMart: <http://www.techmart.umn.edu/>

■ **Linksys, an incompatible example:** recently we have talked to many Windows users who have purchased the Linksys card at stores around the Twin Cities. Please do not purchase this card. The Linksys card has underperformed in the enterprise environment here at the University.

■ **Caution:** some computer manufactures have started to introduce an internal wireless card for Windows 2000 laptops that is like the Apple Airport card. If you obtain this card, be prepared to download updated drivers (software) to replace drivers that came on the installation CD.

#### If you'll be using a Macintosh laptop

- All new iBooks and PowerBooks come with a compatible wireless card, or one can be added for \$93.00.
- For older PowerBook we recommend that you purchase the Orinoco or Cisco wireless card referenced in the "**Compatible example**" paragraph above.

### Connection guides

We have illustrated step-by-step guides for Windows and Macintosh users. These guides will help you set up your computer to use the University's wireless network. You can access all the guides at: <http://www.umn.edu/adcs/network/>

Wireless card users must be set up for DHCP to use the University's wireless network to connect to the Internet. (If you use DHCP in your department or are in University housing, you probably have already completed this step.) If you're not set up, follow the DHCP guide for Windows or Macintosh computers: <http://www.umn.edu/adcs/network/>

Once you've completed DHCP registration, you can follow the guides for setting up your wireless PCI card and computer.

## What is DHCP?

Dynamic Host Configuration Protocol (DHCP) is a network protocol that enables a DHCP server to automatically assign an IP (Internet Protocol) address to an individual computer.



## Frequently asked questions

**Q** I hear that the speed of the wireless connections is 11 Mbps. Is that as fast as wired connections on campus?

**A:** The 11 Mbps is a rough approximation to a single access point. The practical throughput is more like 5 Mbps (shared).

For the wireless service ADCS-OIT is currently using Apple Airports and Orinoco Access Points. This is like 10baseT hubs but at a lower speed. Typically, wireless users will experience speeds of 1–5 Mbyte/sec, depending on how many users are communicating with an access point at the same time.

**Q** Is there any problem with installing my own Wireless Hub on campus?

**A:** Although the installation of a wireless hub is not difficult, the coordination with other devices in the area can potentially cause slow response and/or lock up a laptop because of conflicting signals. Before installing any wireless gear we strongly suggest a site analysis. ADCS can assist in this process. To make an appointment, call 612-626-0200.

Before installing your own wireless hub, become familiar with the OIT wireless networking standards and security issues: <http://www.umn.edu/oit/news/wireless.shtml>

**Q** How do you secure your wireless network from attacks from sniffing traffic?

**A:** We don't. Currently the burden of encryption is on the application, not on the network.

**Q** I have tried to schedule a department class for a one- or two-time reservation in an instructional lab but cannot find an open slot. Can wireless laptops be brought into a standard classroom?

**A:** Yes. Two departments have a cart stocked with gear for that purpose. The cart is pushed into a room, a wireless hub gets set up and the students use laptops stored in separate slots on the cart. In addition to the cost, there is overhead work associated with this process, such as: maintaining the software on the hard drives; charging batteries; and the whole setup and take down process.

ADCS has another solution.

**We manage a lab dedicated to one-time wireless classroom requests.**

We manage a lab dedicated to one-time requests. Since the lab was funded by the CLA Infotech Fees Committee, non-CLA departments must pay an hourly fee for a reservation. To schedule a reservation, call 612-626-0200.

### More information

By the time you read this our Wireless Website should be available on-line. Access it for more information: <http://www.umn.edu/wireless>

■ Peter Oberg, Academic and Distributed Computing Services

**Buy  
compatible  
cards**

**Buy compatible cards at <http://www.techmart.umn.edu>  
TechMart and Unique Software currently offer the  
Orinoco Gold and Cisco Aironet 340 cards for  
\$108 and \$178 respectively.**

# Departmental Server Administration

Network and Desktop Integration Services (NDIS) manages departmental servers and more

University Computer Services (UCS) pools the resources of key Office of Information Technology (OIT) units to provide the U of M community with short-term and long-term computer support and service options. Network and Desktop Integration Services (NDIS) is one of the key units providing technology services.

NDIS was originally created to centralize software support and distribution and to maintain a consistent desktop “view” across a department. Because there was an interest in and need for flexible technology support at the University, NDIS has expanded their mission to include administration and support of the following server platforms on a contractual basis: Novell, Windows NT, Windows NT/TSE, Windows 2000 Advanced server and Windows 2000.

## Server administration

NDIS professionals have years of experience administering production-level business servers.

Nightly, NDIS servers administrators update Norton anti-virus software to detect and eliminate viruses. This service allows departments to concentrate on their business application rather than support issues like capacity, fault tolerance and disaster recovery related to operation of a server and server operating system.

Basic server administration services include:

- Physically secure environment

- Documented startup/shut-down procedures
- Hardware maintenance (daily server inspection)
- Disaster recovery backups and procedures
- Weekday 8 to 4 support for server access problems

Extended server administration services include all basic server administration, plus:

- Operating System software support/maintenance (upgrades, fixes)
- Hardware/software problem resolution
- Communication with hardware/software vendors to resolve problems
- Performance monitoring

Application support and extended on-call/on-site support is available for a negotiated fee.

## JUMPSTART!

JUMPSTART is a service for departments that are installing new server hardware, upgrading older hardware or need server support expertise. This gives departments a chance to “pick the brain” of NDIS experts.

- JUMPSTART includes access to the NDIS knowledgebase of Novell and Windows NT server support professionals.
- NDIS assists departments in installing new servers and maintaining the recommended University server standards.

## Shared file system

For departments that need to purchase disk space for data, NDIS offers a shared file system service.

This service is often used as a backup service for mission-critical data and to protect against data loss. Backup protection allows recovery from accidental deletion or data loss due to hardware failure. Departmental control of data is maintained, as well as extensive account and file security.

## Why use NDIS server options?

■ Peace of mind: NDIS employs professionals who offer a consistent level of quality work.

■ Competitive pricing.

■ Saves money: technology constantly changes and servers become out of date. It is expensive to keep up with the “latest and greatest” in the technology field. NDIS purchases updated servers, eliminating your need to purchase expensive equipment.

■ Security

● Secure servers located in a secure environment ● updated Norton anti-virus software administered nightly ● backup services performed nightly ● adherence to University server standards.

■ Plans for the future: NDIS follows technology trends and predictions for future technology needs.

For more information regarding NDIS services:

- visit the NDIS Website at <http://www.umn.edu/ndis>
- call 612-624-7066
- send e-mail to Mike Snyder at [m-snyd@cafe.tc.umn.edu](mailto:m-snyd@cafe.tc.umn.edu)

■ Renee Halverson, Mike Snyder, UCS/NDIS

# Microsoft Windows XP

**B**elow are some answers to common questions and points to consider about Microsoft's latest addition to its Windows operating systems: XP.

## What is Windows XP?

XP is Microsoft's latest operating system; it blends interface/multi-media enhancements found in ME (Microsoft's upgrade to Windows 98) and stability features that business users got with Windows 2000, an upgrade to Windows NT.

If you buy a new PC, other than a Macintosh, that computer is likely to come bundled with Windows XP or include a special offer to upgrade to Windows XP.

## Should you upgrade to XP?

Outside of Microsoft the answer to "Should you upgrade?" is likely to be no. Do not upgrade until the software has been more widely tested and more people are trained in troubleshooting; unforeseen problems and incompatibilities are sure to surface.

## Do not upgrade if

- your hardware only meets XP's minimum requirements

- your software depends on a certain version of the operating system, such as Windows 2000 or ME; check the vendor's Website to see what advice they offer for XP

## Go ahead and upgrade if

- you have a specific reason to
- you like the challenge of devoting a day or more to installing and troubleshooting

## XP System requirements

This information is from Microsoft's Website, which also cautions that actual requirements will vary based on your system configuration and the applications and features you choose to install: <http://www.microsoft.com/windowsxp/pro/howtobuy/upgrading/sysreqs.asp>

■ CPU (central processing unit): PC with 300 megahertz or higher processor clock speed recommended; Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended. CD-ROM or DVD drive. Keyboard and Microsoft Mouse or compatible pointing device.

■ Storage: 1.5 gigabytes (GB) of available hard disk space.

■ Memory: 128 megabytes (MB) of RAM or higher.

■ Display: Super VGA (800 – 600) or higher-resolution video adapter and monitor.

## Self-help guides and more

XP guides for setting up Internet and e-mail access are in the **Self-help** section of our **Help** pages: <http://www.umn.edu/adcs/help/>

If you want to learn more about XP, you'll find lots of additional information on-line. Here are a few Websites to get you started.

- Reviews: <http://www.zdnet.co.uk/reviews/rstories/0,3040,e7111074,00.html>
- This site is not as negative as its name sounds: <http://www.annoyances.org/>
- Doug Ludens of about.com suggests much higher system requirements; his 3-part article is on-line at: <http://windows2000.about.com/library/weekly/aa011007a.htm>

■ Tips from the Technology Help, <http://www.umn.edu/adcs/help>

## ▼ Windows XP Special from UCS

Let University Computer Services (UCS) upgrade your current Windows computer to Windows XP.

For a limited time UCS will install Windows XP for \$70, a \$5.00 savings off their normal \$75.00 fee. (This fee does not include the software.) These prices are for carry-in service; if UCS staff visit your site, the fee is higher.

More information is on the UCS Website: <http://www.umn.edu/ucs/OS.htm>

## TechMart

We recommend that you purchase Windows XP through TechMart, your most economical choice. However, if you need the software immediately, UCS will also have the software for sale.

- TechMart, use your InternetID and password: <http://techmart.umn.edu/>
- UCS: <http://www.umn.edu/ucs/contact.htm>

# Digital Media Center Offers New Video Production Service

The Digital Media Center (DMC), a group within the Office of Information Technology (OIT), opened a University-wide video production unit on November 5, 2001. This new arm of the DMC, with support from Academic and Distributed Computing Services (ADCS), provides a wide range of video production services, on a fee-for-service basis, both instructional and non-instructional.

## Services and formats

Services include all phases of production—planning, production and post production:

- Project design: conceptualizing and planning of project
- Script writing: researching and writing of script
- Single camera production: recording both on location and in studio
- Editing: editing of video clips
- Digitization and compression: preparing video assets for Web and CD-ROM use
- Location production: producing with single (EFP) and multi cameras switched for live events
- Satellite teleconferencing: planning and producing satellite video teleconferences

Formats include the following:  
DV • Beta SP • SVHS • VHS

## Staff

Staff members Rich Reardon and Susan Tade have 50-plus years of combined video/television production experience.

## More Information

For more information, call 612-626-4444 after November 5, 2001.

■ Christina Goodland,  
Digital Media Center

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## Don't Miss the Next TEL Seminar

*The series features presentations by University instructors who have received TEL Small Grants.*

**N**ovember 29 is the next session of the University TEL (Technology Enhanced Learning) Seminar Series. The seminar will be held from noon to 1:30 p.m. in 3-180 Electrical Engineering/Computer Science on the East Bank of the Minneapolis campus. Refreshments will be provided.

### Project: linking PDAs to the Internet

Edward Ratner, Division of General Internal Medicine, Department of Medicine, Academic Health Center, Twin Cities, will present Linking Personal Digital Assistants (PDAs) to the Internet.

Ratner proposed delivering customized, dynamic content related to geriatric medicine with PDAs that use a Web interface to connect to the Internet. Traditionally PDAs have been used to access static, standalone diagnostic and therapeutic databases or to transfer data about patients from remote locations to central databases for aggregation and analysis. Ratner and his team proposed to develop components for a more dynamic form of information delivery:

- a channel, or set of tools customized for use in a particular setting based on a user's or a group of users'

needs and preferences, for delivering University-specific information through a leading PDA-Internet provider

- customized HTML templates
- a curriculum that takes advantage of PDA-Internet connections
- capability to "push" up-to-date content, such as medication use guidelines, selected medical journal abstracts and Medicare policies to specialists whenever they synchronize their PDAs with Ratner's channel

In this presentation, Ratner will discuss the technical and pedagogical underpinnings of his project and the challenges of developing content for PDAs and of establishing the infrastructure to support a specialized push channel.

### More information

Questions? Need disability accommodations? Please contact the Digital Media Center, Office of Information Technology, at 612-625-5055. For more information about the seminar series, visit <http://dmc.umn.edu/services/events.shtml>

■ Christina Goodland

Edward Ratner  
November 29  
noon-1:30 pm  
3-180 EE/CSci  
East Bank

# 9/11 and Its Aftermath: Keeping up on Critical Current Events

Nancy K. Herther, University Libraries, <http://www.lib.umn.edu>



ur world changed in so many ways on September 11, 2001. Never before has information technology made it as easy to keep up with the events, examine the issues behind the news or research a key historic event as it unfolds.

The Libraries' core collection of over 200 on-line databases and indexes is a major source for the serious researcher as well as any concerned citizen. Beyond that, we have links to Websites that provide essential resources to help us all understand this new war.

Grab a computer and let's take a quick tour of some of the best sources for keeping up with the events, issues and personalities that have taken center stage in our world. Of course, the best place to start our tour is with the Libraries' Web page.

- From the Libraries' Web page you can select **BooksAndMore** and check our on-line catalog for books and other background materials to better understand terrorism (1,763 hits in MNCAT), Islam (over 5,000 hits in MNCAT), anthrax (75) or whatever you want to boost your knowledge on. This site also provides links to other on-line catalogs from around the Twin Cities and around the world. Remember, with interlibrary loan, we can get you whatever you need!
- Next stop on our tour would be the **ArticlesAndMore** section of the Libraries Web page. From here you have access to over 200 on-line databases and indexes (and about one-fourth of these include at least some full-text).

As with most library on-line resources, remote access to these databases is available *only* to current staff, students and faculty of the University of Minnesota Twin Cities campus. Others would have access only by stopping into one of our many library locations on campus.

## Some best sources

What are some of the best sources? Below are the databases I use and recommend most often.

“We will not tire; we will not  
falter; and we will not fail.”  
President George W. Bush,  
September 20, 2001

## World News Connection (WNC)

WNC contains the full text summaries of newspaper articles, conference proceedings, radio and television broadcasts, periodicals and non-classified technical reports. These articles are generally protected by copyright. Produced by NTIS, WNC is one of those gems too good to miss.

The Foreign Broadcast Information Service is the federal agency that produces the data; it monitors and translates foreign media into English. Almost 100,000 translations are produced each year. The Libraries' Government Publications Library (in Wilson) holds the microfiche editions of WNC from the mid-1970s until the fall of 1996, when microfiche production was stopped.

The day this was written, for example, articles related to the bin Laden/Afghan situation were posted from such diverse Asian/Middle-Eastern presses as: *Al-Akhbar* from Islamabad, *Rawalpindi Nawa-i-Waqt*, *Khabrain* from Islamabad, *The Pioneer* from New Delhi, *Chennai The Hindu*, *The Nation* (Lahore Edition) from Islamabad, *The Asian Age* from New Delhi, *The Telegraph* from Calcutta, *IRNA* from Tehran, *Nowruz* from Tehran, *Yonhap* (Internet Version-WWW) from Seoul and so many more.

Getting these diverse opinions/analyses from around the world is critical. I know of no criticisms of either the quality of the translations or of the quality of the database itself. Despite its lack of fancy displays and multimedia elements, WNC does an excellent job of

presenting worldwide opinion and commentary (as well as news) on virtually any topic. This database is essential for everyone interested in this topic.

“I firmly believe that this is the most important task that the U.S. military has been handed since the Second World War. What’s at stake here is no less than our freedom to exist as an American people.

So there’s no option but success.”  
Air Force General Richard Myers,  
chairman of the Joint Chiefs of Staff, October 18, 2001

### Lexis-Nexis Academic Universe

The Lexis-Nexis on-line database is a good and very useful resource, even though universities have not been able to license from Reed Elsevier the more complete version used in the business world. Still, this database is essential, giving you access to the full-text of approximately 50 U.S. and 25 foreign newspapers, plus continuously updated full-text of world-wide wire service stories (not just Western sources) as well as the full-text transcripts of all major radio and television transcripts.

This database offers so much value, I wouldn’t be able to cover all its critical segments here. Let me give you one, small example. Academic Universe not only gives you the full text of print portions of newspaper articles, but it will print any corrections to the original articles. It also lists, at the bottom, the captions for any pictures or tables/charts not included.

Invest a few minutes to get to know the database yourself; the time will be very well spent.

### Congressional Universe

This database is also an amazing resource to have here on campus. You not only have indexing to all congressional hearings and actions going back to 1789 (think of it, all in a single search!), but you have the ability to search full-text of expert testimony and keep up with all pending legislation as it goes through the committee process. There are few topics — from anthrax to

bias crimes to military intelligence to future planning issues — that aren’t covered here in depth.

### Statistical Universe

This is a true treasure and another database from CIS /Lexis-Nexis that is essential to any academic. The database includes three core statistical indexes: American Statistics Index, Statistical Reference Index and Index to International Statistics; it also included the full-text of many resources. These indexes provide coverage of statistics from governmental sources (international, federal and state), from private associations and international organizations. Many useful links are also given to other Websites that include important statistical data. Help screens are available.

Beginning last year this database went beyond this to include searching by terms from specific tables and the ability to limit to those that can be downloaded into Excel files for manipulation at your desktop, or downloading as GIF files into a word processing file. I was able to get statistics on hate crimes against various ethnic groups in the U.S. and download a GIF file in less than two minutes. Astounding!

“Before a war, military science seems a real science, like astronomy. After a war it seems more like astrology.”  
Dame Rebecca West

### And that ain’t all

These aren’t the only great databases out there. Below are some more that you may want to check out.

- ALTERNATIVE PRESS INDEX 1991–present. This index covers North American alternative, radical and left analysis and opinion concerning cultural, economic, political and social change. However, since it is updated quarterly, it will give only background information and not up-to-the-minute analyses. Still, this is a great place for alternative opinions. Two others well worth mentioning are ETHNIC NEWSWATCH and LEFT INDEX.
- We have other current awareness databases of note, including: GENERAL REFERENCE CENTER (MAGAZINE INDEX) which covers 1980 to the

present and is updated daily. This covers popular magazines, newspapers and reference books; some are full-text.

- NATIONAL NEWSPAPERS is another personal favorite. The interface is clear and searching is sleek and easy. The database includes full-text of the *Star Tribune*, *Washington Post*, *New York Times*, *Los Angeles Times* and *Wall Street Journal* and others going back to 1986. It appears to be updated daily.
- EXPANDED ACADEMIC INDEX covering 1980-present is also updated daily. It includes over 1,000 journals and magazines; some full-text are included.
- AIR UNIVERSITY LIBRARY INDEX TO MILITARY PERIODICALS, also updated quarterly, gives excellent information and insight on military strategy and methodology.
- ACCESSUN provides access to current and retrospective documents and publications of the United Nations and its various organizational units. Materials indexed in this database are available in print or microfiche in the Government Publications Library in Wilson Library. This database is updated quarterly (I believe), so information is important but delayed.
- For other sources of news media, check out this Website: <http://www.lib.umn.edu/articles/news.phtml>

“Tonight we are a country  
awakened to danger and called to  
defend freedom. Our grief has  
turned to anger, and anger to reso-  
lution. Whether we bring our en-  
emies to justice, or bring justice to  
our enemies, justice will be done.”  
President George W. Bush,  
September 20, 2001

## Cruising the Web

For some general sources of Websites, check out these Libraries listings.

- Searching On-line for Information on Contemporary Social Issues:  
<http://subject.lib.umn.edu/socsci/sociss.html>
- Selected Resources for: Terrorism:  
<http://research.lib.umn.edu/results.asp?sid=493>

## “The only winner in the War of 1812 was Tchaikovsky.” Solomon Short

Below are some more essential Websites you may want to check out.

- Internet Archive: World Trade Center — Pentagon Terrorist Attacks, 2001 Archive:  
<http://150.156.112.3/main.plx>

“This collection of archived documents was commissioned by the Library of Congress to preserve digital materials covering the events of September 11, 2001. Additional assistance has been provided by Alexa Internet, web Archivist.org and Pew Internet & American Life. This collection contains more than 5 terabytes of data gathered from 9/11/2001 to the present.”

The site and its archives may be searched by keyword, browsed by category (press, portal, government, etc.) or surfed. The full index of sites lists domain names in alphabetical order.

- Target America — <http://www.pbs.org/wgbh/pages/frontline/shows/target/>

Based on the Frontline television series, this site explores America’s “first war on terrorism,” initiated by President Ronald Reagan in the 1980s. It includes a timeline covering attacks on Americans from 1979 to 1988, interviews with officials such as Caspar Weinberger and an overview of the Evolution of Islamic Terrorism, starting from 1968. Worth a good look.

- Television Archive: A Library of World Perspectives Concerning September 11th, 2001: <http://client.alexandria.com/tvarchive/html/>

An important project seeking to provide on-line access to the video and audio recordings from television broadcasts worldwide of the events of the September 11, 2001 tragedy. Broadcasts are from the U.S., the United Kingdom, Greece, Canada, China, Iraq, Qatar, France, Japan, Russia, Palestine and Mexico. The site includes a chronology of events, expert analyses of the crisis coverage and links to “scholarly, journalistic and advocacy-oriented perspectives on television news, the events of September 11 and their consequences, and broadcasting in the Arab world.”

- America’s War Against Terrorism: <http://www.lib.umich.edu/govdocs/usterror.html>

An excellent collection of links from the University of Michigan’s library, this includes topics such as: airlines, operation enduring freedom, psychological effects, think tanks, chemical and biological warfare, the Middle East conflicts and links to other involved countries (e.g., Afghanistan, Iran, Israel, Pakistan, Russia, Yemen, etc.).

- Attack on America: Tuesday 11 September 2001: <http://www.bcr.org/~msauers/wtc.html>

Developed by a librarian, this site provides a wealth of links on the terrorist attack and the aftermath. Used by many librarians to locate information quickly, this is a good choice for a bookmark for you as well.

- Islamic Studies, Islam, Arabic and Religion: <http://www.arches.uga.edu/~godlas/>

This site provides a good collection of annotated sites about the Qur’an, Sufism, Sunni, Islam in the modern world, women’s rights, art, architecture, music, Arabic language study and more.

- MEDLINE plus Health Information: Biological and Chemical Weapons: <http://www.nlm.nih.gov/medlineplus/biologicalandchemicalweapons.html>

Excellent information about biological weapons, including anthrax, botulism, mustard gas, plague, smallpox and tularemia. This site also provides some news and general resources about bioterrorism.

- Speaking to Your Children About Tragic Events: <http://www.infoline.org/parents/ctparentsplus/documents/speakto%20child.asp>

As a parent, this site has been quite useful. Explaining war is difficult enough; anthrax is quite another matter. Created by CT Parents Plus, a program of United Way of Connecticut.

- Special Coverage: America Attacked: <http://news.findlaw.com/legalnews/us/terrorism/>

Created by FindLaw, this site includes important documents such as Bush’s various statements and speeches; Congressional, NATO and other resolutions regarding the attacks; and reports and statistics from many government agencies as well as the RAND and the Hoover Institution reports on international terrorism and asymmetric warfare. Laws covers terrorism, sabotage, espionage and war powers; cases includes United States versus Usama bin Laden. Photo files are also included.

- Hunting Bin Laden: <http://www.pbs.org/wgbh/pages/frontline/shows/binladen/>

Based on PBS Frontline’s program of the same name, this site provides “background and insight into his life and motives, from his formative experience in the Afghan jihad, or holy war, against the Soviets, to his scathing criticism of the Saudi royal family and his campaign to drive American infidel troops out of Saudi Arabia, to his statements and fatwahs calling for the murder of Americans.” The Website includes a good set of links.

- CQ Press: Recent Terrorism Events: <http://www.cqpress.com/context/>

Based on various CQ Press sources, the site provides good background materials related to the September 11 terrorists attacks.

- Johns Hopkins University:  
Center for Civilian Biodefense Studies:  
<http://www.hopkins-biodefense.org/>

Another good source of information and background on anthrax, botulism, plague, smallpox and tularemia. A search on our own UMN Web page on “anthrax,” for example, brings up 109 hits. Coverage on this is available through many other medical, public health and animal science schools.

- Looking for Answers:  
<http://www.pbs.org/wgbh/pages/frontline/shows/terrorism/>

Another Frontline program from PBS that “investigates the roots of the Islamic terrorist network, and the anti-American hatred that feeds it, and traces how the trajectories of bin Laden and al-Zawahiri met in the mountains of Afghanistan.” The site also includes a good set of links.

- Rumors of War: Urban Legends Reference Pages:  
<http://www.snopes2.com/rumors/rumors.htm>

This is an interesting place to look for information on all those rumors or reports from “knowledgeable sources” that dot our newscasts today. This site, part of the larger Urban Legends Reference Pages, reports rumors and classifies them as true or false statements, of undetermined or ambiguous veracity or indeterminate origin. You are able to read the claim, note its origin, and get balanced information or the current status of each statement.

“The problem of terrorism is not limited to Afghanistan.” General Colin Powell, U.S. Secretary of State, October 18, 2001

## The rise of censorship

Information is the key to understanding all this; and it is a right under our First Amendment. However, as one might expect in times of war, getting information is becoming a concern. Just as information technology can help us understand and study this, information in

times of war is both a tactical weapon and a resource to be guarded.

In the past few weeks it has been a concern to many of us in the Libraries to see governmental Websites shutting down entirely (such as the Nuclear Regulatory Commission Website) or removing documents and information that may have been up on the Web for many years (as was done at the Environmental Protection Agency and Centers for Disease Control).

Press reports hint at a new administrative policy or mandate that agencies examine and remove certain types of information from public sites. As of press time, I have not been able to locate the text of any such policy; however, this is something of concern and interest to us all.

One good source for information on what’s happening is a special new Website set up by the OMB (Office of Management and Budget) Watch group; they list all reports of major changes to governmental Web pages. The OMB Watch site is located at:  
<http://www.ombwatch.org>

Similar moves to delete public access to information is reportedly happening at corporate, public interest and local/state governmental Websites.

“You can’t say that civilization don’t advance, however, for in every war they kill you in a new way.”  
Will Rogers, American Humorist

## Where is it all going?

Sometimes in crisis it is easy to feel powerless and at sea. If you need help or have questions and need to find answers, remember the Libraries! Information is what we have. Professional librarians across campus would be happy to share their expertise with you in helping you get the information you need to be better informed as this amazing story unfolds. Stop in at any reference desk or give us a call. We are here to serve!

■ Communications about this column should be addressed to: Nancy K. Herther, Social Sciences Bibliographer, 170b Wilson Library, West Bank; 612-624-2020, n-hert@umn.edu

▼ Help

Phone: Area Code = 612

Computer Misuse or Abuse (also see Procedure 2.8.1.1)

- Emergency Network Help Line ..... 625-0006
- Non-emergency, e.g., spamming: abuse@umn.edu

1-HELP •24/7 unless otherwise noted ..... 612-301-4357

Dial 1-HELP. Listen to the voice menu list of options.

Press the number of your desired option.

- Technology Help: http://www.umn.edu/adcs/help

■ Passwords: new and forgotten ones

■ CCO Central systems, PeopleSoft

- by email: x-help@umn.edu

■ Internet, Email, Microcomputers

- call-in Monday–Thursday • 8 am–11 pm
- call-in Friday • 8 am–5 pm
- call-in Saturday • noon–5 pm
- call-in Sunday • 5 pm–11 pm

• walk-in 8 am–5 pm, M–F:

152 Shepherd Labs; 93 Blegen Hall; 50 Coffey Hall

- by email: help@umn.edu

■ Networking and Telecommunications Services: NTS

- by email: help@umn.edu

▼ Dial-in Computer Access

Internet/PPP/SLIP: up to 53kps if v.90 ..... 612-627-4250  
(56k K-flex, Flex56, X.2 protocols are unsupported)

▼ Quick Guide

Modem Usage (current activity on your account)

http://www.nts.umn.edu/services/modemusage.html

Internet/Email account management/validation

http://www.umn.edu/validate

MNCAT/LUMINA (Library) – http://www.lib.umn.edu

Office of Information Technology

http://www.umn.edu/oit

Onestop Services – http://onestop.umn.edu

TechMart – http://www.techmart.umn.edu

Technology Training Center

http://www.umn.edu/adcs/info/training.html

UM News Servers – news.tc.umn.edu, news.umn.edu

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Threats, UM Police Department ..... 911 on campus

- off campus ..... 624-3550

Computer Accommodation Program – voice/tty... 626-0365

U Computer Services/Computer Repair Serv ..... 624-4800

Statistical Software Support:

- including SAS and SPSS ..... 624-3330

Associate Vice President and

Chief Information Officer, Steve Cawley ..... 612-625-8855

Newsletter subscription information and archives at http://www.umn.edu/oit/newsletter

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Twin Cities campus address label trivia: the 2nd number after the Rec# is the Campus Mail delivery code, http://umn.edu/lookup

Nov. 2001 [pantone295,1205]

Delete/Cancel

Change Name

Change Address

Change Other

Add

If you cancel or change a campus address, please tell us the Rec#. Just tear off the end page and send the entire mailing label to us. Or send email to: oitnsltr@umn.edu

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