# aisr *Connections*

*Your connection to educational technology at Jefferson*

## TurningPoint: New Audience Response System

An audience response system allows your students to participate in lectures by submitting responses to interactive questions using a keypad or other hand-held computer device. This technology is a great way for instructors to keep students motivated during lecture and to gauge students' level of understanding.

Academic & Instructional Support & Resources (AISR) is pleased to announce the new audience response system—TurningPoint, from Turning Technologies.

The TurningPoint Audience Response System (ARS) was selected because the product is so easy to use—it integrates 100% into Microsoft PowerPoint. The TurningPoint software is available to all Jefferson faculty and AISR staff will install a copy to your desktop computer allowing you to create interactive PowerPoint sessions for use in the classroom. Students use the TurningPoint ResponseCard keypads to respond to your polling questions in the classroom. If you wish to analyze and archive your students' responses, TurningPoint also offers a number of report and data export options.

### Making the Most of TurningPoint

- Use an "Ice Breaker" question to introduce use of TurningPoint's ARS.
- Include an "Answer Now" prompt to differentiate between lecture slides and polling slides.
- Use a "Correct Answer" indicator to visually identify the appropriate answer (and save time).
- Increase responsiveness by using a "Countdown Timer" to close polling after a set amount of time.
- Include short bursts of 3-4 questions mixed in with more traditional presentations and activities to keep your students and participants engaged.
- Change TurningPoint's default settings to match your presentation color scheme. Click on the Spectacles icon on the TurningPoint toolbar.
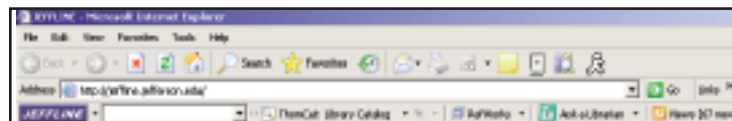
More tips and information available at:
**http://jeffline.jefferson.edu/Education/audience2.html**

If you would like to use the Turning Point ARS, contact Dr. Tony Frisby, Director of Education Services at **Tony.Frisby@jefferson.edu** or **215.503.4990**.

## Streamline Your Work with the JEFFLINE Toolbar

The JEFFLINE toolbar is designed to load right into your desktop web browser so you can quickly search many popular JEFFLINE resources and access popular hospital and university web pages.



Download the toolbar (available for Internet Explorer and Firefox) and follow the online instructions. It should take only 2-3 minutes to install and start using the toolbar on your Windows or Macintosh (Firefox only) computer. The download is FREE and SAFE.

The toolbar will update itself when the Library makes changes in links or posts fresh news—you don't need to do anything to maintain it. You don't need to register or sign up for email notifications. You may also uninstall it or hide it at any time. No strings attached!

Jeffersonians may enter terms in the search box to quickly search: ThomCat, the E-journals list, Micromedex, OVID Medline, and much more…

Note that the toolbar is built for Jeffersonians, for whom the Library buys access to full-text materials and databases. If you are working off campus, the toolbar will ask for your Campus Key before it lets you into some resources, but it will only ask once during your session.

In addition, separate pull-down menus let you search and/or access AISR services, such as: RefWorks, Ask a Librarian reference services and Electronic Handouts, Tutorials and Tours and other campus links including: JeffMail, JeffCal Calendar, Jefferson Hospital Remote Access Portal, Pulse and the University Homepage.

You can customize the toolbar and remove menus or add shortcuts to the calculator and other Microsoft programs. Even better: Information Services staff can customize a toolbar for your department. The Jefferson Department of Surgery has already signed up for a toolbar of its own.

If you are interested in designing your own departmental toolbar, contact Information Services staff at **Askalibrarian@jefferson.edu** or **215.503.8150**.

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*AISR Connections is an annual publication of Academic & Instructional Support & Resources (AISR). AISR divisions are Scott Memorial Library, Learning Resources, Education Services, and Medical Media Services. Our mission is to strengthen the educational, research and clinical activities of Thomas Jefferson University and Thomas Jefferson University Hospital through the provision of knowledge-based information and services including consultation, instruction, production and preservation. AISR Connections is designed to update Jefferson faculty, students, employees and friends on developments and activities in knowledge management, biomedical communications and instructional technology.*

**Academic & Instructional Support & Resources** ■ **Thomas Jefferson University** ■ **Philadelphia, PA**

## AISR Workshops

*Each Fall and Spring AISR conducts a variety of workshops for Jefferson faculty, staff and students in the areas of Information Searching Skills and Instructional Technology. Most AISR Workshops are held in the Scott Library Learning Resources Center, Room 306. Look for an AISR Workshops brochure in your mail every August and December. For a complete list of workshop descriptions, schedules, and online registration, go to:*
**http://jeffline.jefferson.edu/workshops.html**

### New This Year…
#### Adobe Acrobat
Use Adobe Acrobat to create interactive teaching materials by assembling PowerPoint presentations, existing PDF's, web pages, photos and illustrations into a single Acrobat file.

#### Blogs and RSS—The Latest Tools for Keeping Up-To-Date
Do you wish you could access all your favorite web sites and table of contents alerts of your favorite journals in one easy-to-use interface? Learn how to work smarter and be more productive keeping up-to-date with web content using blogs and RSS feeds.

#### Social Bookmarking: Organize, Share & Discover the Best of the Web
Social bookmarking allows you to organize and share your bookmarks. This workshop will introduce users to the latest tools including del.icio.us and Nature's Connotea. Objectives include: defining social bookmarking and creating accounts in del.icio.us and Connotea.

#### New Technology Tuesday
Did you ever attend a workshop only to find that you already knew everything covered? New Technology Tuesday is AISR's personal solution to your development needs. Arrange an appointment to consult with one of our specialists to address your particular technology interests or issues.

#### Technology Update
Get an overview of new technologies and software products now available at Jefferson that you may want to add to your teaching toolbox.

## Medical Media Services

*As the University's only full-service biomedical communication facility, Medical Media Services offers the following services:*

**GRAPHICS & MEDICAL ILLUSTRATION**
**215.503.7841**

**VIDEO PRODUCTION**
**215.503.1543**
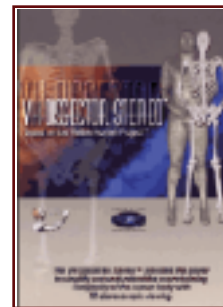
**PHOTOGRAPHY**
**215.503.7841**

**AUDIOVISUAL EQUIPMENT SERVICES**
**215.503.1290**

*For more information about Medical Media Services, including pricing and samples, visit our website at:* **http://jeffline.jefferson.edu/MMS**

## New, from the LRC…

### Visible Human Dissector and PyMOL
Four Visible Human Dissector 3D-Stereo desktop stations are now available in the Scott Learning Resources Center. These 3D-stereo stations, the first installation of its kind in the country, are available for studying anatomy using stereo technology. Dr. Hector Lopez is using the stations for teaching advanced anatomy to fourth-year medical students, surgical and radiology residents, and physical therapy students.

The 3D-stereo images provide an accurate view of human anatomical structures and are available for small group and independent study seven days a week in the Scott LRC. Crystal Eyes stereo glasses and an emitter, which are available for check-out at the LRC desk, are needed to see the 3D-Stereo images. Any, or all, of the four available stations can be set up in the Scott Library classroom in 200B which can be reserved by accessing the reservation form on JEFFLINE at:
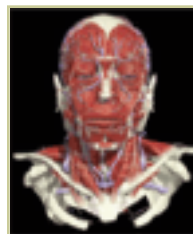**http://jeffline.jefferson.edu/LR/reservation-form.cfm**

The 3D-Stereo stations can also be used with PyMOL, a molecular graphics system with an embedded Python interpreter designed for real-time visualization and rapid generation of high-quality molecular graphics images and animations. It can also perform many other valuable tasks (such as editing PDB files) to assist you in your research. PyMOL is an open source program available online at **http://pymol.sourceforge.net**

### Primal Pictures/Anatomy.tv
This exciting product provides a 3D interactive multimedia look at anatomy using stunning graphics and a wide variety of videos, animations, and still photos. Students, faculty, and clinicians in a wide variety of disciplines will find valuable tools and study guides including Sports Injuries and Interactive Functional Anatomy.

Each module features 3D animations that show function, biomechanics, and surgical procedures; dissectible, rotating anatomy; and sharp MRIs with selectable structures. The representation of the body is based on medical scan data from the Visible Human, interpreted by a team of staff anatomists and built by a team of graphics specialists. Clinical videos and textual descriptions by some of the leading specialists in their fields supplement the animations and the models.

Access the program from JEFFLINE by going to Learning Resources pull-down menu, click Software and select the link for **Primal Pictures Anatomy TV now available online** under What's New.

*Committed to supporting the educational enterprise at Thomas Jefferson University, AISR offers state-of-the-art learning resources and expertise to support and facilitate faculty development and student education. In addition to providing access to over 250 Internet-connected computer stations in Scott Memorial Library, 66 stations in the Edison Building, and 22 stations in Jefferson Alumni Hall, AISR supports classroom instruction with the Audience Response System and other educational media resources such as electronic mannequins.*
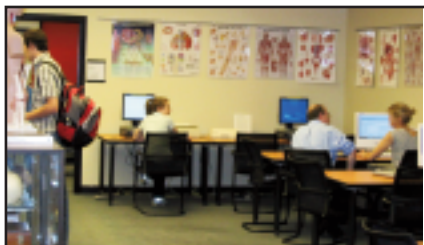
## LEARNING RESOURCES CENTERS

### Scott LRC

The LRC in Scott Memorial Library provides an environment for independent and group learning. The 30-seat computer classroom in 306 Scott, the small group viewing rooms, and the LRC all feature new computers for increased access.

The LRC offers access to a variety of other services, including:

- 40 Cross-platform open-use computers
- 14 Wireless-ready laptop computers
- PDA synching
- Image scanning
- Laser printing
- Group study tables
- Small-group study rooms
- Simulation models
- Educational software
- Audiovisual materials and equipment
- Audience Response System

### JAH Lab

Located in Room 311 of Jefferson Alumni Hall, the JAH Lab is an open-access lab with 15 Windows PCs and printing facilities accessible 24 hours a day, seven days a week.

### Edison LRC

The Edison Learning Resources Center, located in Suite 1300 of the Edison Building, includes four computer classrooms providing 21, 21, 14, and 10 seats, equipped with the latest PCs. Other services available include:

- Cross-platform digital-video, photo-editing, & scanning workstations
- Simulation and anatomical models
- Educational software and videos
- Audiovisual materials and equipment
- Laser printing
- Color double-sided laser printing
- Copying and faxing
- Vendacard services

LRC staff are available to help with equipment and software in the labs. For more information:

**215.503.8407** *Scott LRC and JAH Lab*
**215.503.7563** *Edison LRC*
**LRC@lists.jefferson.edu**
**http://jeffline.jefferson.edu/LR**

## SIMULATION TECHNOLOGY

AISR provides instructors with a wide variety of simulation equipment and support services through the Learning Resources Centers in 306 Scott Memorial Library and 1300 Edison and in the Rector Clinical Skills Center on the second floor of 833 Chestnut East.

We provide a variety of task trainers and patient simulators, from simple suturing pads to the SimMan patient simulator. We also offer workshops and support for SimMan and SimBaby scenario authoring and other services to support the use of simulation in instruction.

Additionally, AISR can help teaching faculty to identify new simulation products and technologies to meet their instructional needs and can arrange product evaluation trials and/or product demonstrations from vendors. We can also serve as a liaison to nurture and support communities of teachers who share similar interests in using simulation technology in their clinical curricula.

For more information on Simulation Technology, contact:

**David Livesay, PhD**
**215.503.6058**
**David.Livesay@jefferson.edu**

## EXAMPLES OF SIMULATION EQUIPMENT

***CHEST TUBE TORSO***
*The Chest Tube Torso can be used to teach the theory, anatomy, and skills needed to manage pre-hospital chest trauma, as well as ongoing chest tube maintenance. It can also simulate needle decompression of a pneumothorax.*

***ARTERIAL PUNCTURE ARM***
*The Arterial Puncture Arm can be used for demonstrating or practicing drawing arterial blood for ABG analysis. Students can identify puncture locations through palpation of the pulse at either the radial or brachial sites.*

***INJECTION TRAINER***
*The Injection Trainer is a multilayer soft-tissue pad for practicing intradermal, subcutaneous and intramuscular injection techniques. The trainer can be fastened to a standardized patient or lab partner for added realism.*

## Jefferson Digital Commons: Personal Researcher Pages

Have you been yearning for a site of your very own to store articles, images, data sets, and other types of files that you want to share with others? If so, create a personal researcher page in the Jefferson Digital Commons. Easy forms for adding information make upkeep simple and swift. Accounts are FREE, and you can store any file type.

Any Jefferson faculty member (including volunteer faculty), researcher, or clinician may request a personal research page on the Commons. A personal page may include biographical and contact information, full-text of published works and unpublished works, your CV, and other professional, educational or research-related materials that you create.

This is YOUR page, but AISR is here to help whenever you need it. You may also designate your administrative assistant as an editor, to make changes on your behalf. All entries are made from easy-to-use web pages, using your personal account on the Commons. No coding or design skills required.

To request a page or to ask more questions, please contact Ann Koopman, the Commons administrator, at **215.503.0441** or **Ann.Koopman@jefferson.edu**. Once your page is enabled, you will be able to access it yourself at any time.

## Respondus Lockdown Browser

AISR has licensed a new tool to help improve the computer-based testing options at Jefferson. Respondus and the Respondus LockDown Browser make it easier to create new online exams, improve test security, and decrease problems such as accidentally closing an exam window.

Respondus, a tool for formatting test questions, is able to pull down existing tests or test pools from Pulse—so if you have already taken the time to enter your questions into Pulse, that effort wasn't wasted. Respondus also accepts a much larger variety of test item import formats, making it easier to load items from Word or Excel.

The Respondus LockDown Browser prevents a student from printing, copying, going to another URL, or accessing other applications during an assessment. If an online exam or assessment requires the Respondus LockDown Browser, the exam won't be accessible with a standard web browser. The LockDown Browser is installed in the Learning Resources Centers on campus. For a copy of Respondus and help getting started, contact Dr. Tony Frisby at **Tony.Frisby@jefferson.edu**.

## Blogs, Wikis & Full-Text Searching in Pulse

Jeff-IT has recently installed a set of tools from Learning Objects called Campus Pack. Campus Pack contains two social computing tools for your course called Journal LX (Blog Tool) and Teams LX (Wiki Tool), as well as Search LX, a full-text searching tool that allows you to search Pulse as a whole or to search within individual courses and organizations.

For those unfamiliar with social computing, a blog is an online journal (private or group) and a wiki is a dynamic, group-edited website. The blog and wiki tools allow the instructor to assign groups of students (or the class as a whole) to work together on a journal and/or website, and if desired, track their participation and add a grade to the gradebook.

Academic & Instructional Support & Resources (AISR) has created tutorials on blogs, wikis and searching to help get you started with these tools. Please visit the Pulse Support website to access these tutorials and related links, as well has other helpful Pulse Support resources.

For more information, visit Pulse Support on JEFFLINE at: **http://jeffline.jefferson.edu/Education/pulse.html**

## Chat With SML Librarians Using Meebo

If you're not one of the 53 million American adults using instant messaging, now you can chat with a librarian in real time without using an IM account—thanks to the library's new Meebo widget. This also allows hospital employees to send questions without using AIM, which is blocked on the hospital network.

Click **Ask A Librarian** in the header of any JEFFLINE page. Be patient. The Meebo widget (on the right hand side of the page) takes a few moments to load. Type your question after you see the green dot with the message "A librarian is online." A librarian will be with you shortly.

If the librarian appears offline, but it's during chat hours, you can try leaving your message anyway. A librarian should get back to you shortly. Otherwise, call the Reference Desk (215-503-8150) or use the email form.

After regular library hours, ask your question using the email form: **http://jeffline.jefferson.edu/SML/reference/ask.html**

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*Academic & Instructional Support & Resources*
*"Helping you turn information into knowledge"*

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