

Your connection to educational technology at Jefferson

Welcome to a New Academic Year at Thomas Jefferson University

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

AUDIENCE RESPONSE SYSTEM (ARS)

Do you think your class is too large to be interactive? The **Audience Response System (ARS)** may be just what you need. The ARS includes 250 handheld units, a transceiver that collects responses, and a computer application to organize results. The system can be used in one auditorium or in several small classrooms simultaneously.

Using the ARS can help you better assess how well your students understand the material you are presenting.



With an ARS, you can:

- Ask questions of your audience and immediately project a compilation of their responses on a large public screen.
- Engage your audience in a discussion on the results.
- Tap your audience's knowledge, opinions, and beliefs, and gauge how well your message is being received.
- Save valuable classroom time. Classroom feedback allows you to skim over material that students have mastered and focus on areas they have missed.

Use of these systems has been popular in CE/CME for the past several years; recent journal articles have reported that, when compared to sessions without the use of an ARS, audiences feel more involved in the learning process, find the presentation more interesting and score higher on questions asked following presentation.

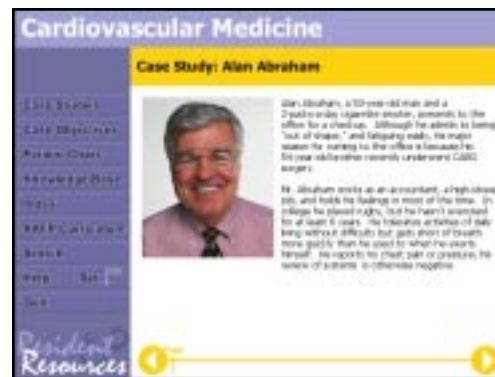
Contact Medical Media Services at 215-503-7841 or MMS@jeffline.tju.edu to arrange to use the ARS in your courses.

RESIDENT RESOURCES: CARDIOVASCULAR MEDICINE

Resident Resources: *Cardiovascular Medicine* is a self-study resource for family practice resident physicians training in the diagnosis and management of patients with cardiovascular disease.

This interactive CD-ROM program, designed to complement existing residency training programs, features audio, video, text, graphics, animation and links to relevant web resources. The content is based on the *American Academy of Family Physicians Recommended Curriculum Guidelines for Family Practice Residents* and is organized into twelve case studies.

Resident Resources was developed by Thomas Jefferson University and BioScientific Resources, Inc. with a national faculty of distinguished primary care educators and cardiologists serving as content specialists.



Copies of the *Resident Resources* CD are available for your review in the Scott Library Learning Resources Center.

Learn more about Jefferson Education Software at:
<http://jeffline.tju.edu/press>

SPOTLIGHT ON: LEARNING RESOURCE

AISR is committed to supporting the educational enterprise at Thomas Jefferson University by providing state-of-the-art and facilitate faculty development and student education. In addition to providing access to over 200 Internet-connected stations in the Edison Building, and 21 stations in Jefferson Alumni Hall, AISR supports classroom instructional educational media resources such as electronic mannequins.

SIMULATION CENTER

Suite 503 Sheridan Building, 125 S. 9th Street

State-of-the-art simulation mannequins, along with a variety of models that simulate procedures, are available for instructional use in the **Simulation Center**.

The Harvey and SimMan mannequins are available for small group or individual training sessions. Harvey simulates 27 cardiovascular conditions and is accompanied by Umedic software designed for independent study. SimMan provides simulation education that challenges and tests clinical and decision-making skills during realistic patient-care scenarios and is specifically designed for scenario-based training in anesthesia, ACLS, ATLS, and difficult airway management.

For more information or to schedule a session, contact the LRC at 215-503-8407 or LRC@jeffline.tju.edu

CLINICAL SKILLS CENTER

Suite 502 Sheridan Building, 125 S. 9th Street

Students began seeing standardized patients in the newly-opened **Clinical Skills Center (CSC)** in January 2002.

Academic sessions, including standardized patients and simulation equipment, are being integrated into the curriculum and are accommodated in the CSC facilities, which include:

- AV equipped classroom
- AV equipped conference room
- Eight patient exam rooms
- Digital video monitoring/recording

For more information or to schedule a session, contact the CSC at 215-955-4483 or LRC@jeffline.tju.edu



-art learning resources and expertise to support
ted computer stations in Scott Memorial Library,
with the Audience Response System and other

LEARNING RESOURCES CENTERS

Scott LRC

Room 306 Scott Memorial Library

The Learning Resources Center (LRC) in Scott Memorial Library offers access to a variety of services including:

- 30-seat computer classroom
- 40 Cross-platform open use computers
- 10 Wireless-ready laptop computers
- PDA synching
- Image scanning
- Laser printing
- Small group study rooms
- Simulation models
- Educational software
- Audiovisual materials and equipment
- Audience Response System

JAH Lab

Room 311 Jefferson Alumni Hall

An open access lab with 16 Windows PCs and printing facilities is accessible 24 hours a day, seven days a week.

Edison LRC

Suite 1300 Edison Building

The Edison Learning Resources Center (LRC) offers access to a variety of services including:

- Three computer classrooms with a total of 60 computers
- Cross-platform open use computers
- PDA synching
- Digital Image scanning
- Digital video production
- Simulation models
- Educational software
- Audiovisual materials and equipment
- Phocopying and faxing
- Laser and color printing
- Audience Response System

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

Phone: **215-503-8407** *Scott LRC and JAH Lab*
215-503-7563 *Edison LRC*

Email: LRC@jeffline.tju.edu

Web: <http://jeffline.tju.edu/SML/lrc>

JEFFLINE FORUM

New journals, textbooks and databases come online, existing resources undergo significant changes, and new technologies become available for use in courses. How can you stay up-to-date with knowledge resources and instructional technology at Jefferson?



Become a regular reader of AISR's "e-zine", the **JEFFLINE Forum**.

The Forum includes reviews of new software for your computer and PDA along with reports on the latest trends in medicine and technology. Monthly features offer OVID searching tips, highlight resources from the University Archives, and report on new acquisitions. In addition, a series of articles on educational measurement, and another on journal impact factors, are currently appearing in the Forum.

Access the latest issue and become a subscriber at:
<http://jeffline.tju.edu/Education/forum>

JEFFLINE COMMUNITIES

The past year has seen the development of special JEFFLINE "Communities." The **Nurses' Community** is the latest in a series of collaborations, which have produced selections of resources for unique groups at Jefferson. Community pages offer an alternative route into JEFFLINE, allowing each group to focus on the most relevant resources. For example, the **JMC Student Community** includes student council information, student guides, and links to campus support offices, in addition to library tools and services. The **Methodist Community** provides a web site for Methodist's Piccone Memorial Library, in addition to JEFFLINE resources for Methodist staff.

Current JEFFLINE communities:

- Alumni
- Clinicians
- Einstein Health Network
- Methodist Hospital
- Nurses
- Patients and the Public
- Researchers
- CGS Students
- CHP Students
- JMC Students
- Teaching Faculty



Bookmark your JEFFLINE community today at:
<http://jeffline.tju.edu/communities.html>

HANDHELD COMPUTERS (PDAs)

Today, handheld devices, or Personal Digital Assistants, are being used for more than just scheduling and to-do lists. Jefferson staff are now taking advantage of the many new software downloads available for medical professionals.

AISR provides training and support for the use of handheld computers. PalmOS is currently the handheld operating system of choice at TJU and TJU Hospital.

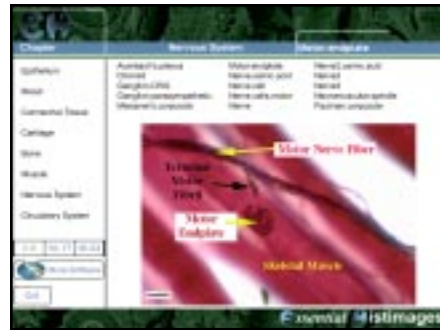
JEFFLINE's **Palm/Handheld Support Center** is designed to keep PDA users up to date on new applications and software recommendations, such as ePocrates and mobileMICROMEDEX.



Visit the Palm/Handheld Support Center at:
<http://jeffline.tju.edu/Clinicians/palm.html>

ESSENTIAL HISTOLOGY IMAGES

Essential Histimages, developed by AISR and Dr. Ronald P. Jensch, Professor of Anatomy, is a visual aid to studying histology/microscopic anatomy. The program, now available as a free download, includes more than 100 images with labels identifying important cellular components.



This easy-to-use program organizes the images into chapters corresponding to the *Bloom and Fawcett's Concise Histology* textbook currently in use at Jefferson. The large number of images makes the download a hefty

40MB so, unless you have DSL or a cable modem, we recommend you do this from the Scott Memorial Library's Learning Resources Center, where you can download it to your own Zip disk or to your own blank CD-ROM media. The Scott LRC staff can help you save the program to your media using their CD-Writer. We hope you enjoy the program!

Learn more about Jefferson Education Software at:
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MEDICAL MEDIA SERVICES

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

Medical and general illustrations; slides and graphics; full-color banners and poster presentations; design and printing of brochures, flyers or booklets; scanning and complete range of output choices from digital files.



Contact the Graphics Department:
215-503-7841
graphics.mms@mail.tju.edu

Digital video and audio production services for teaching, research documentation and special events; file preparation for digital presentation or web use; standards conversion; audio and video tape duplication.



Contact the Video Production Dept:
215-503-1543
video.mms@mail.tju.edu

Digital and traditional photography services, on-location and studio shoots, in-house slide film processing, black & white processing and printing, slide copying and custom slide duplication.



Contact the Photography Department:
215-503-7841
photo.mms@mail.tju.edu

Digital interactive video conferencing, satellite video conference reception, all traditional audiovisual equipment including computer and video projectors and laptops, audience response system, wireless stethophones.



Contact the Audiovisual Department:
215-503-1290
av.mms@mail.tju.edu

For more information about Medical Media Services, including pricing and samples, visit our website at:
<http://jeffline.tju.edu/MMS/services.html>



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