

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, Learning Resources Centers, 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.*

### MEDWEAVER: NEW RESOURCE FOR DIFFERENTIAL DIAGNOSIS

The newest service on the Ovid database menu is MedWeaver, a clinical decision support tool designed for use by clinicians and other healthcare professionals at the point of care.

MedWeaver's simple, but powerful, Web-based interface provides clinicians with fast and clinically relevant answers to their diagnostic questions:



- Enter findings and perform a differential diagnosis
- Review a diagnostic profile of each disease in the differential diagnosis.
- Obtain an explanation for why a disease was included on the differential diagnosis list.
- Perform a powerful, assisted search of the medical literature with Ovid MEDLINE and link to full text articles when available.
- Review available full-text articles in Ovid's Journals@Ovid from bibliographic citations.
- Explore clinically relevant websites related to each disease.

MedWeaver will be available to all members of the TJU/TJUH community on a trial basis for one year. Throughout the trial period, AISR's Clinical Advisory Group will continue to evaluate this new service.

Please let us know if you find this program useful:  
<http://jeffline.jefferson.edu/aisr/feedback.html>

### CYBER CAFÉ

The award winning Cyber Café, which contains more than 1,000 full-text e-journals and more than 56 e-books, continues to grow.

Since August of 2002, over 100 e-journals have been added including: *Annals of Medicine*, *Annals of Vascular Surgery*, *Cellular and Molecular Life Sciences*, *Intensive Care Medicine*, *Cancer Investigation* and much more. In addition, seven new e-books have been added to the collection, including: *Delmar's Guide to Laboratory and Diagnostic Tests*; *Diseases and Disorders: A Nursing Therapeutics Manual*; *Metabolic and Molecular Bases of Inherited Disease* and *The Cancer Handbook*.

The Cyber Café can be browsed using the alphabetical index. A keyword box allows for searching any string of characters in the journal title or the description of the journal.



In addition to e-journals and e-books, the Cyber Café also contains the JEFFLINE News Stand, with links to TJU news, medical and scientific news, academic news, local and international news and images from Jefferson's past from the Philadelphia Historical Digital Image Library.

Access Cyber Café  
<http://jeffline.jefferson.edu/SML/e-publications/>

New e-journals list:  
[http://jeffline.jefferson.edu/SML/e-publications/jlsearch/new\\_jls.html](http://jeffline.jefferson.edu/SML/e-publications/jlsearch/new_jls.html)

# 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. 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, difficult airway management, and much more.

For more information, contact Colleen Seeber-Combs, RN, MSN at 215.503.6058 or [Colleen.Seeber-Combs@jefferson.edu](mailto:Colleen.Seeber-Combs@jefferson.edu)



**SimMan total body simulator.** Reproduces a wide array of physiological signs and allows students to practice basic and advanced clinical skills.



**Knee simulator.** Develops skill in joint injection.



**IV arm simulators.** For practice in venipuncture skills.

## CLINICAL SKILLS CENTER

Suite 502 Sheridan Building, 125 S. 9th Street

Students see standardized patients in the **Clinical Skills Center (CSC)** to learn physical diagnosis skills.

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.



**IV hand simulator.** Correct placement of IV catheter is rewarded with flashback of synthetic blood.



**Slide scanners.** Aid in producing digital images, printed slides, negatives, pictures, and text.



**Computer Classrooms.** For hands-on classroom teaching and workshops; available for individual use when classes are not in session.

-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:

- Four 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
- Laser and color printing

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@lists.jefferson.edu](mailto:LRC@lists.jefferson.edu)

Web: <http://jeffline.jefferson.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, have appeared in the Forum.

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

## JEFFLINE COMMUNITIES

The past year has seen the development of special JEFFLINE "Communities," which contain 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
- Faculty
- Methodist Hospital
- Nurses
- Patients and Public
- Researchers
- CGS Students
- CHP Students
- JMC Students



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



# RESIDENT RESOURCES UPDATE

**R**esident Resources: Cardiovascular Medicine is an interactive educational program for primary care resident physicians, developed by Thomas Jefferson University's AISR Education Services and BioScientific Resources, Inc. in 2001.



The program uses a case-study approach and the content parallels the core educational guidelines established by the American Academy of Family Physicians for family practice residents.



To reflect the latest thinking and developments in cardiovascular care, a new edition of Resident Resources: Cardiovascular Medicine was completed this summer.

Highlights of the 2nd Edition include:

- New case study focusing on HRT and cardiovascular risk
- Recent research on the role C-Reactive Protein as a cardiac biomarker
- Updated definitions and guidelines from the Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure (JNC 7)
- Discussion of new therapies for lipid management

Copies of the software are available for your review in the Scott Library Learning Resources Center.

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

## AISR WORKSHOPS

This year, AISR has a number of new workshops for students, faculty, and staff. Please see our workshop descriptions and online registration form at:

<http://jeffline.jefferson.edu/Education/edservices/workshops.html>



# MEDICAL MEDIA SERVICES

**A**s 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@jefferson.edu](mailto:graphics.mms@jefferson.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@jefferson.edu](mailto:video.mms@jefferson.edu)

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



Contact the Photography Department:  
**215.503.7841**  
[photo.mms@jefferson.edu](mailto:photo.mms@jefferson.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@jefferson.edu](mailto:av.mms@jefferson.edu)

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



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