

# Resources for Pathology Informatics Training and Education Program Development

## **Books:**

Sinard JH. Practical Pathology Informatics: Demystifying Informatics for the Practicing Pathologist. New York: Springer, 2006.

Cowan DF. Informatics for the Clinical Laboratory. New York: Springer-Verlag, 2003.

Elevitch FR and Aller RD. The ABCs of LIS: Computerizing Your Laboratory Information System. Chicago: ASCP Press, 1986.

Lifshitz MS, Blank GE, and Schexneider K. Clinical Laboratory Informatics. In: Henry JB (ed) Clinical Diagnosis and Management by Laboratory Methods, 21<sup>st</sup> ed. p. 112-122. Philadelphia: Saunders Elsevier, 2007.

Berman JJ. Biomedical Informatics. Sudbury, MA. Jones and Bartlett, 2007.

Gu J and Oglivie RW. Virtual Microscopy and Virtual Slides in Teaching, Diagnosis, and Research. Boca Raton, FL. CRC Press, Taylor and Francis Group, 2005.

**Medical Informatics: Computer Applications in Health Care and Biomedicine (Health Informatics)** by Edward H. Shortliffe, Leslie E. Perreault, Gio Wiederhold, and Lawrence M. Fagan

**Handbook of Medical Informatics** by J.van Bommel, M.A. Musen, and Mark A. Musen, Springer, 2002

**Medical Informatics: Practical Guide for the Healthcare Professional 2007** by Robert Hoyt MD, Melanie Sutton PhD, and Ann Yoshihashi MD, 2007

**Information Architecture for the World Wide Web: Designing Large-Scale Web Sites** by Louis Rosenfeld and Peter Morville, O'Reilly Press, 2006

**Medical Informatics: Computer Applications in Health Care and Biomedicine (Health Informatics)** by Edward H. Shortliffe, Leslie E. Perreault, Gio Wiederhold, and Lawrence M. Fagan (**Hardcover** - April 30, 2003) 3rd Edition

**The Internet and Healthcare**, Louis Nicholson, Health Administration Press, Second Edition, 1999

## Articles related to pathology informatics training:

Henricks WH, Boyer PJ, Harrison JH, Tuthill JM, Healy JC. Informatics training in pathology residency programs: proposed curriculum and skill sets for the new millennium. Arch Pathol Lab Med 2003; 127:1009-1018.

Sinard JH, Morrow JS. Informatics and anatomic pathology: Meeting challenges and charting the future. Hum Pathol 2001;32:143-148.

Harrison JH, Stewart J. Training in pathology informatics: implementation at the University of Pittsburgh. Arch Pathol Lab Med. 2003;127:1019-1025.

Henricks WH, Healy JC. Informatics training in pathology residency programs. Am J Clin Pathol 2002;118:172-178.

Medical Laboratory Informatics, Pantanowitz et al, Clin Lab Med 27 (2007): 823-843

Graylyn Conference Report. Recommendations for reform of clinical pathology residency training. Conjoint Task Force of Clinical Pathology Residency Training Writing Committee. [Am J Clin Pathol. 1995 Feb;103\(2\):121-2.](#)

## Conferences and web sites:

Lab Soft News blog (Dr. Bruce Friedman) – [labssoftnews.typepad.com](http://labssoftnews.typepad.com)  
(or [www.labssoftnews.com](http://www.labssoftnews.com))

Virtual Informatics College (VIC) – College of American Pathologists. A series of on-line courses on topics in pathology informatics. Accessible at [www.cap.org](http://www.cap.org)

ASCP Teleconferences – typically 1-2 per season on topic related to informatics

Lab InfoTech Summit (Spring, typically March-April, Las Vegas, NV.)  
Website: [www.labinfotech.org](http://www.labinfotech.org) ; previous presentations available on line.

APIII – Advancing Practice, Instruction, and Innovation through Informatics conference. Pittsburgh, PA. (Autumn, typically) APIII 2007 in Pittsburgh, PA October 19-23, 2008. Many presentations from previous conferences are available on-line at [apiii.upmc.edu](http://apiii.upmc.edu)

Association for Pathology Informatics (API). Bethesda, MD. [www.pathologyinformatics.org](http://www.pathologyinformatics.org)

American Medical Informatics Association

10 x 10 Proforma

- <http://www.amia.org/10x10/>

Effort to develop informatics core curriculum

- <http://www.amia.org/inside/initiatives/rwj/faq.asp>
- [http://www.amia.org/inside/initiatives/rwj/core\\_feedback.asp](http://www.amia.org/inside/initiatives/rwj/core_feedback.asp)

Pathology informatics Materials at the CAP  
[Www.cap.org](http://www.cap.org)