

NEW AND/OR INTERESTING IN MICROSCOPY

► The Society for Analytical Chemists of Pittsburgh will award one grant of \$20,000 to an assistant professor in the field of analytical chemistry. The purpose of this grant is to encourage high-quality, innovative research by a new analytical chemistry professor and to promote the training and development of graduate students in this field. Assistant professors who have accepted a United States college or university appointment since December 31, 1995 are eligible. Completed applications must be received by March 31, 1999. Application forms are available from Art Byers: (800)825-3221, fax: (412)825-3224.

► RMC, manufacturer of ultramicrotomy, histology and cryo products and Ventana Medical Systems, Inc. have successfully merged as one family to bring to the marketplace RMC's complete line of microtomes and tissue processors. RMC's products will work hand-in-hand with Ventana's products to better control patient sample quality throughout the histology lab.

For more information, call (520)903-9366, fax: (520)903-0132

► Cross-Sectional Transmission Electron Microscopy and Characterization of Thin Films. Offered May on 10/14, 1999 at Colorado School of Mines, Golden, CO. This course will provide participants with the necessary hands-on experience in the preparation of electron-transparent multilayer thin films of materials and their characterization using the TEM. The necessary theory for interpreting the microstructural features will also be provided. For information contact The Colorado School of Mines at (303)273-3321, fax: (303)273-3314, eMail: space@mines.edu

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Just For Fun Micrograph Contest

Due to the response (and the fun) of our contest in last year's MSA/MAS Conference, we will repeat it in the upcoming event.

Entries should be a composite image, made up of two or more images - at least one of which must be microscopical in nature.

Up to two entries per contestant will be allowed. Entries should be approximately 8" x 11" in size, and a 3" x 5" card should accompany with contestants name, organization, etc.

While prizes have not been determined, they will be of value. All contestants will receive two microscopy prints by David Scharf at no charge.

Winning entries, and perhaps others, will be featured as covers on this publication.

This contest should not be confused with other image presentations at the Conference.

If potentially interested, please advise (eMail: MicroToday@aol.com or fax: (608)836-1969) and we will keep you informed

... Don Grimes, Editor

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► ImagingTech '99, sponsored by ASM International, is an one-stop-event providing information on the latest in materials laboratory imaging technology. All aspects of imaging equipment – software, theory and applications – will be discussed with the goal of providing a clear understanding of the current and future available technologies and how to use them to best advantage. ImagingTech will offer concurrent conference and commercial presentation sessions and will also feature a tabletop display for those who wish to obtain first-hand experience with some of the latest technology from many of the key providers within the industry.

Who should attend: Those materials laboratory technicians, managers, and purchasing professionals involved in capital expenditure projects to maintain laboratory standards and performance will find this event especially relevant.

Program focus: The program will focus on the latest advancements and future trends within materials laboratory imaging technology, including: theory, hardware, software, and applications. Attendees will have the opportunity to develop a clear understanding of their specific organizational needs in these key areas and will learn how to best address them.

For those responsible for laboratory imaging equipment operation, maintenance, selection, and/or investment, ImagingTech will provide the information required to make educated specifying and purchasing decisions.

For further information, contact Derek J. Weston at (440)338-5151 X5465 or, if you require more specific session information, visit the ASM website: <http://www.asm-intl.org>

► Electron Microscopy & Microanalysis is a one-day short course which will be held in March at PITTCO '99 in Orlando, FL. The course is designed as an introduction to scanning and transmission electron microscopy and x-ray microanalysis for industrial analytical chemists. Numerous examples of the use of electron microscopy in materials analysis will be presented.

For further information call (800)825-3221 or visit the PITTCO '99 website: www.pittcon.org

► UCLA Opens Microscopic Imaging Center For Neuroscientists As Part Of Unique University-Business Collaboration

Supported by a unique university-business collaboration, the UCLA Brain Research Institute has created a microscopic imaging center that will allow neuroscientists and other researchers to explore how brain cells communicate among one another.

The Carol Moss Spivak Imaging Core Facility brings together a series of high-power and unique microscopes that will allow researchers to study cellular processes related to diseases such as neurofibromatosis, multiple sclerosis, brain tumors, AIDS, Parkinson's disease, Huntington's disease and Alzheimer's disease.

The centerpiece of the facility is a multiphoton microscope that uses laser light to take pictures of individual cells as they work, without causing damage to the cell. Most microscopes require specimens to be sliced so thin that the cells are often damaged or killed.

The microscopic imaging center was created through a unique collaboration with McBain Instruments and Leica Microsystems Inc. This has enabled UCLA to establish a cost-effective core of sophisticated instruments with ongoing state-of-the-art maintenance, while providing the companies with access to a showcase for evaluating and demonstrating their equipment.

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COMING EVENTS

Practical Aspects Series of Short Courses at the University of Maryland

- May 17/21 '99: Scanning Electron Microscopy – Session 1
- May 18-21 '99: Image Analysis
- May 24-28 '99: Scanning Electron Microscopy – Session II
- May 25-28 '99: X-ray Microanalysis
(Univ. of Maryland) College Park, MD. Tim Mangel: (301)405-6898

Marine Biological Laboratory Courses, Woods Hole, MA

- May 6/14 '99: Analytical & Quantitative Light Microscopy
- May 18/25 '99: Microinjection Techniques in Cell Biology
- Oct 6/14 '99: Optical Microscopy & Imaging in the Biomedical Sciences
Carol Hamel: (508)289-7401, eMail: admissions@mbl.edu

McCrone Research Institute (Selected) Microscopy Courses,

Chicago, IL

- March 1/5 '99: Conoscopic Methods
- April 12/16 '99: An Introduction to TEM – Techniques and Applications
- April 12/16 '99: Advanced FTIR Microscopy
- June 21/25 '99: Electronic Image Acquisition, Processing & Analysis
Nancy Daerr: (312)842-7100, Fax: (312)842-1078, ndaerr@mcrici.org
- ✓ March 7/12 '99: **PITTCON '99**. Orlando, FL (800)825-3221, (800)825-3221, Fax: (412)825-3224, www: <http://www.pittcon.org>
- ✓ March 17-19 '99: **Asbestos Analysis by Transmission Electron Microscopy (MVA)** Norcross, GA. Nancy Daerr, McCrone Research Institute, (312)842-7100, Fax: (312)842-1078
- ✓ March 22/25 '99: **11th International Conference on Microscopy of Semiconducting Materials**. (RMS & MRS) University of Oxford. <http://www.iop.org/Confs>
- ✓ April 11/14 '99: **SCANNING '99**: (FAMS, Inc.) Chicago, IL, Mary K. Sullivan: (201)818-1010, Fax: (201)818-0086, fams@holonet.net
- ✓ April 11/15 '99: **FOCUS ON MICROSCOPY 1999 – 12th International Conference on 3D Image Processing in Microscopy & 11th International Conference on Confocal Microscopy** (European Molecular Biology Laboratory). Heidelberg, Germany <http://www.embl-heidelberg.de/Conferences/FocusOnMicroscopy>
- ✓ April 18/23 '99: **Cryo Techniques and Immunogold Workshop** (Univ. of Georgia & Leica Microsystems). Atlanta, GA. Ms. Hong Yi: (404)727-8692
- ✓ May 3/7 '99: **EMAS 99 Workshop on Dev and Applic in Microbeam Analysis**. Konstanz, Germany, email: vantdack@uia.ua.ac.bc
- ✓ May 20/22 & 24/26 '99: **Workshop on Quantitative Image Analysis** (North Carolina State University), Raleigh, NC. Cindy Allen: (919)515-8171, email: cindy_allen@ncsu.edu

✓ LEHIGH MICROSCOPY SCHOOL, Bethlehem, PA

- June 14/18 '99: SEM and X-ray Microanalysis
- June 13 '99: Introduction to SEM and EDS
- June 21/25 '99: Advanced Scanning Electron Microscopy
- June 21/25 '99: Quantitative X-ray Microanalysis
- June 21/24 '99: Analytical Electron Microscopy
- June 22/25 '99: Atomic Force Microscopy
- June 21/24 '99: Microdiffraction
Info: Ms Sharon Coe: (610)758-5133, email: slc6@lehigh.edu
<http://www.lehigh.edu/~inmatsci/shortcourse/Microcourses.html>

✓ June 16/27 '99: **3D Microscopy of Living Cells** & June 29/July 1 '99: **3D Image Processing Workshop** (Univ of British Columbia) Vancouver, BC, Canada. Prof. James Pawley: (608)263-3147, jbpawley@facstaff.wisc.edu

✓ June 21/25 '99: **15th Annual Short Course on Molecular Microspectroscopy** (Miami University) Oxford, OH (513)529-2874, fax: (513)529-7284, email: <http://www.muohio.edu/~sommeraj>

✓ June 25/July 1 '99: **INTER/MICRO '99** (McCrone Research Institute), Chicago, IL. Nancy Daerr: (312)842-7105

✓ July 9/13 '99: **IUMAS 2000: The 2000 Meeting of the International Union of Microbeam Analysis Societies**. Kailua-Kona, Hawaii

✓ Aug 1/5 '99: **MICROSCOPY & MICROANALYSIS '99** (MSA) Portland, OR

✓ Aug. 17/19 '99: **Imaging Tech.** (ASM) Chicago, IL. Derek K.J. Weston, (440) 338-5151 X5601, dweston@po.asm-intl.org

✓ Aug 27/29 '99: **First International Conference On Scanning Probe Microscopy of Polymers**. (UCSB & Digital Instruments). Santa Barbara, CA E.J. Kramer at edkramer@mrl.ucsb.ca

✓ October 20-22 '99: **Asbestos Analysis by Transmission Electron Microscopy (MVA)** Norcross, GA. Nancy Daerr, McCrone Research Institute, (312) 842-7100, Fax: (312)842-1078

✓ Nov 14/19 '99: **1999 Eastern Analytical Symposium**. <http://www.eas.org/>

✓ April 11/13 '00: **MICRO 2000** (Royal Microscopical Society) London

✓ June 26/30 '00: **7th Asia-Pacific Conference on Electron Microscopy** Singapore. eMail: micngml@nus.edu.sg or medlab2@nus.edu.sg <http://www.med.nus.edu.sg/micsoc7/apem>

✓ July 9/14 '00. **12th European Congress on Electron Microscopy**. Bruno, Czech Republic. <http://www.eurem2000.isibmo.cz/>

Tired of gambling when hiring an EM tech?

Play a sure thing – hire a graduate from Madison Area College's Electron Microscopy Program. Our hands-on curriculum includes 35 credits in EM topics such as:

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