

NEW AND/OR INTERESTING IN MICROSCOPY

☺ The Microbeam Analysis Society (MAS) Council recently established a special fund, the Fiori fund, to support a touring speaker program to honor the memory of Dr. Chuck Fiori, whose untimely passing was felt by many microscopists. The touring speaker program is available to Local Affiliate Societies and will specifically address the needs of technicians and other related topics. The Council intends that this program be permanent and will support it with MAS Council funds. Contributions to the Fiori fund are welcome at any time and should be sent to the MAS Treasurer, Harvey A. Freeman, 958 Long Pond Road, Brewster, MA 02631.

☺ At the start of their second decade of service, and with expanded facilities, Geller MicroAnalytical Laboratory moves to a new location - some 10 miles north of their previous location in Peabody, MA.

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☺ Jim Sharp, President of the Microscope Division of Carl Zeiss, Inc., is the new General Manager of their Electron Optics group. Frank Coccia will continue as Electron Optics National Sales Manager, reporting to Jim Sharp.

☺ The objective of a new journal, *Managing the Modern Laboratory*, is to advance management practice in all types of laboratories, including industrial, government, clinical, commercial, and academic laboratories. Articles will be solicited from leading laboratorians throughout the world and will be subject to peer review. Articles selected for publication will provide information that helps managers of modern laboratories and other laboratory professionals meet demands for more productive, responsive, and cost-effective operations.

The Editor and Chairman of the Editorial Advisory Board is Dr. Claude A. Lucchesi, Northwestern University, Department of Chemistry, Analytical Services Laboratory, Evanston, IL 60208. Tel.: (708)491-3479, Fax: (708)491-7713.

For subscription and advertising information, contact Dr. Brian Howard, ISC Management Publications, Inc., 30 Controls Drive, P.O. Box 618, Shelton, CT 06484. Tel.: (203)926-9300, Fax: (203)926-9310.

☺ The American Vacuum Society announces their Video Industrial Training Program, which provides convenient, practical, cost-effective job training in vacuum science and technology directly at the workplace. With typically 6-8 hours each, the initial series includes:

- Properties of Vacuum System Materials
- Sputter Deposition and Ion Beam Processes
- Fundamentals of Capture Pumping

To receive a brochure on the new series, contact Angela Mulligan at (212)248-0200, Fax: (212)248-0245.

Book Review

Cell and Ultrastructure, A Functional Perspective

Patricia C. Cross, Ph.D. and K. Lynne Mercer, M.Sc.
Department of Cell Biology
Stanford University School of Medicine

This atlas-like book covers the ultrastructure of mammalian tissues mostly by transmission electron microscopy with occasional use of scanning EM. Each of the 17 chapters follows the same format: right hand page showing electron micrograph(s) with the facing page having descriptive text usually with line drawings. Chapter one covers the structure of organelles (interphase nucleus, nuclear envelope, mitotic chromosomes, nucleolus, nuclear pores, ribosomes, Golgi, lysosomes, endoplasmic reticulum, peroxisomes, mitochondria, glycogen, cytoskeleton components) with the remaining chapters covering epithelium, connective tissue, muscle, nerve, blood vessels, blood, immune system, endocrine glands, skin, major exocrine glands, gastrointestinal tract, respiratory system, kidney, male reproductive system, female reproductive system and sensory regions (predominantly eye and two pages each for ear and olfactory epithelium).

The micrographs are generally well done although some of the lower magnification shots suffer some loss of detail due to lack of contrast and the general limitations of the printing process. Micrographs are usually labeled and magnifications, rather than micrometer market bars, are employed. The text is clear and descriptive so that one comes away with good grasp of the structure and basic functions of the cell(s) on display. References are in a separate 12-page section at the end of the book and include current (up to 1992) as well as classic references on the various cell types. The index is adequate and accurately done. This is a large format book (8.25" x 10.75") of 420 pages, so justice is done to the micrographs. The book would be useful in histology, cytology, cell biology and physiology courses at both undergraduate and graduate levels. It would be a good addition to any basic microscopist's library. A colleague of mine gave a high recommendation by stating that it was the one book in my library that he would most like to steal. Fortunately, *Microcopy Today* will be selling the books at a reasonable price.

John J. Bozzola, Director
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Available from *Microscopy Today*, payable by check, Visa/MasterCard or company purchase order. Price: \$42.00 plus Shipping & Handling - \$7.00 for U.S., \$9.00 for Canada, \$10.00 for Mexico and \$20.00 for other overseas.

Readers -
Should you find this newsletter of increasing interest and value, allow me to note that we greatly appreciate contributions of articles and material. The only criteria is that such should be of interest to a reasonable number of working microscopists.

Don Grimes, Editor

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