

## NEW AND/OR INTERESTING IN MICROSCOPY

✓ Polysciences, Inc., manufacturer of the most complete line of EM chemicals and embedding kits, announces their new **Microscopy and Histology Catalog** which includes dyes, reagents, vibratomes, diamond knives, photomicrography, and general EM lab supplies. Call (215)343-6484 today for a free copy.

✓ Barry Scientific, Inc. now offers extremely stable, long-lived, single-Crystal LaB<sub>6</sub> cathodes, and precision-aligned Tungsten Filaments, for SEM's and TEM's, both manufactured by Kimball Physics, Inc. Contact Margrit Barry at 1-800-348-9855 in Fiskdale, MA for further technical information.

✓ A satisfied user writes, "Since SEM-CLEAN was completed and installed, I no longer have the tremendous contamination problem which plagued my use of the SEM." Call Ron Vane at XEI Scientific for details: (415)369-0133.

✓ Gatan, Inc. (510)463-0200; Fax: (510)463-0204. Innovative Instruments for Electron Microscopists. New products include:

- TEM Specimen Straining Holders
- Gatan Imaging Filter (GIF™)
- Precision Ion Polishing System (PIPS™)
- High Resolution Ion Beam Coater
- DigiScan™ for SEM image acquisition & processing
- Compact TV-Rate CCD Camera
- Retractable Slow-Scan CCD Camera (SSC™)
- MacIntosh Video Processor

✓ Scanalytics (800)325-3110: CELLscan™ is a digital alternate to confocal microscopy and allows visualization of living cells in three dimensions with unprecedented clarity. By digitally reversing distortions introduced by the microscope, CELLscan™ vastly improves image resolution without the inefficiencies and disruption of samples inherent in confocal systems.

## POSITIONS AVAILABLE

✓ The Institute of Paper Science and Technology has a unique opportunity for an experienced microscopist with a Ph.D. degree in a field relating to scanning electron microscopy. The position carries the academic title of Assistant Professor and research title of Research Scientist. Responsibilities focus on service contract work, internal research programs and graduate teaching. The position requires a solid background in SEM. Familiarity with other chemical analysis and physical characterization techniques would be a plus. The successful candidate will have excellent communication skills and a record of independent achievement.

Applicants should send a cover letter, resume and three letters of recommendation to Personnel Director, The Institute of Paper Science and Technology, 575 14th Street NW, Atlanta, GA 30318 or FAX (404)853-9510.

✓ Champion International Corporation has an immediate opening in our West Nyack, New York Technical Center for a qualified microscopist. This position requires a minimum of 3-4 years in scanning electron microscopy and energy dispersive x-ray analysis. This should include hands on operation of the aforementioned equipment for that period of time. In addition, it is desirable that the candidate be able to perform both qualitative and quantitative EDX analysis. Familiarity with either stand alone image analyzers or software programs allowing IA also desirable. Optical microscopy also very important. Polarized light, transmitted and reflected light, embedding of sections, and microtomy experience also more than desirable. Knowledge of sample preparation for the equipment mentioned is required. Some travel is necessary.

Additional requirements include a minimum of a Bachelor's degree, preferable in Science, with course work in microscopy preferred.

Send resume to M. Yaccino, Champion International Corporation, West Nyack Road, West Nyack, NY 10944. Champion takes affirmative action towards equal opportunity employment. M/F/D/V.

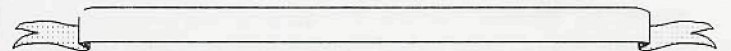
## USED EQUIPMENT FOR SALE

✓ ARL SEM-Q Microprobe with TN EDS system for sale - reasonable. In operating condition. John Fournell, Univ. of Wisconsin: (608)262-7964.

✓ KEVEX 7500 + SESAME for EDS or EDS/WDS microanalysis. 4 years old. Mounts on 5th spectrometer port of Cameca EMP. Contact: Larry Taylor, Univ. of Tenn.: Tel: (615)974-6013, FAX: (615)974-2368.



*You know that it is going to be a bad day when your income tax refund check bounces.*



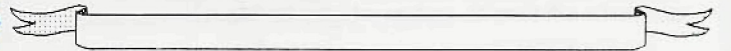
## SAMPLE COATING FOR TEM/SEM

**A New Range of TEM/SEM Coaters from Cressington**

**Incorporation of microprocessors and other modern electronics technology ensure that our TEM & SEM coaters & film thickness monitors offer the highest specification at very reasonable prices**

**If you are acquiring a new SEM or considering modernizing your specimen preparation techniques, please call:**

**Terry Donovan  
DRB TECHNOLOGIES - (412)774-8590**



*You know that it is going to be a bad day when your husband says "Good Morning, Mary"... and your name is Sharon.*