

# MICROSCOPY TODAY

Dear Reader,

Because of a concern over delivery time of the newsletter, in our April issue we requested readers to advise when they received their copies. With third class bulk mailing, most copies were received within two weeks - but in two cases the newsletter:

- 1) Took 35 calendar days to reach San Francisco
- 2) Took 65 calendar days to reach York, PA.

With the hope that expenses will allow, we are planning on sending the newsletter in the near future by First Class. To even consider so doing, ALL addresses must be compatible with the Post Office's optical readers and bar code scanners. For this major reason, we ask you to complete the enclosed "questionnaire". To assist us in attracting advertisers, and to continue to provide the newsletter at no cost to you, we are also asking you to answer several brief questions.

Appreciating that these questionnaires are a "pain", we do thank you for your help!

Don Grimes, Editor

**To Our New Readers:**

This our fifth issue is sent monthly at no cost to almost 9,500 individuals in the U.S. with an interest in microscopy. Our mailing list, after careful duplicate removal and hundreds of corrections, came partially from a "raw" list of over 14,000 names from 38 current membership (EMSAs, MAS, etc.) and conference (EMSA, SCANNING, etc.) attendance lists - PLUS hundreds of new readers who have requested a subscription.

The objective of the newsletter is simply to provide news of real interest to the broad microscopy community. It is our hope and plan that advertising will cover the cost of the newsletter.

The newsletter is a private enterprise - we are not formally associated with any company or organization (including EMSA). We do, however, consider ourselves as "friends" of National EMSA and MAS, plus most of the local EMSA societies.

## INDUSTRY NEWS

✓ The Polaroid Corporation has announced its eleventh annual photomicrography competition, as part of their continuing focus on effective scientific communication. The competition honors light and electron micrographers who use their skill and creativity to produce images that contribute to increased scientific understanding.

The competition is free, easy to enter, and offers 30 prizes worth a total of \$13,000 - including a grand prize of \$3,500. In addition, winning photomicrographers receive worldwide recognition through the publication and exhibit of their images.

One may submit up to three micrographs by June 30, 1992. Entry forms may be obtained by calling (800)225-1618.

✓ Congratulations to Nathan Little and John Fahy on their respective promotions to Marketing Manager and National Sales Manager with the Electron Optics Division of Philips Electronic Instruments.

✓ Max M. Houck, until recently an Applications Specialist with Oxford Instruments Microanalysis Group (aka Link Analytical), has joined the Tarrant County Medical Examiner's Crime Laboratory (Fort Worth, TX) as a Trace Evidence Analyst.

✓ The EMSA Council has established an undergraduate scholarship program to further the educational and research potential in students intent on pursuing electron microscopy as a career. Guidelines for applying are as follows:

- 1) An applicant must be a full time undergraduate student.
- 2) An applicant must be a U.S. citizen or resident alien.
- 3) Research projects must be performed at a facility other than the one that the student is currently working in.
- 4) The maximum award is \$3,000 to be used within one year of award date. A maximum of 4 awards and \$10,000 per year will be given.
- 5) When possible at least one award will be given to an under-represented minority applicant.
- 6) Completed applications must be received by 15 November. Awards will be given by March 1 the following year.

For further information contact:

Dr. Robert L. Price  
University of South Carolina  
School of Medicine  
Department of Pathology  
Columbia, SC 29208

CONTINUED



INDUSTRY NEWS CONTINUED

✓ Just as we are all concerned over the lack of opportunity for many youths in our inner cities, the Fairmont Heights High School (Capitol Heights, MD) has established a Biotechnology Center. The Center functions as a magnet school for for some twenty schools in the greater Washington DC area. Approximately 150 students are currently enrolled in an intensive four year science program designed to prepare them for college study in the biological sciences.

And while many of us may be "short" on funds for new equipment, for them funds are essentially non-existent. They would greatly appreciate donations of journals/books on SEM topics and sample specimens, both from the physical and biological sciences, to assist students in research projects and in building microscopy skills.

**AND** they critically need a Sputter Coater and a Critical Point Dryer. Should you have either that you would care to donate, we expect that you would receive a tax deduction. Or if you have either available and need (modest) payment, kindly contact Microscopy Today as we expect that we can find sponsors.

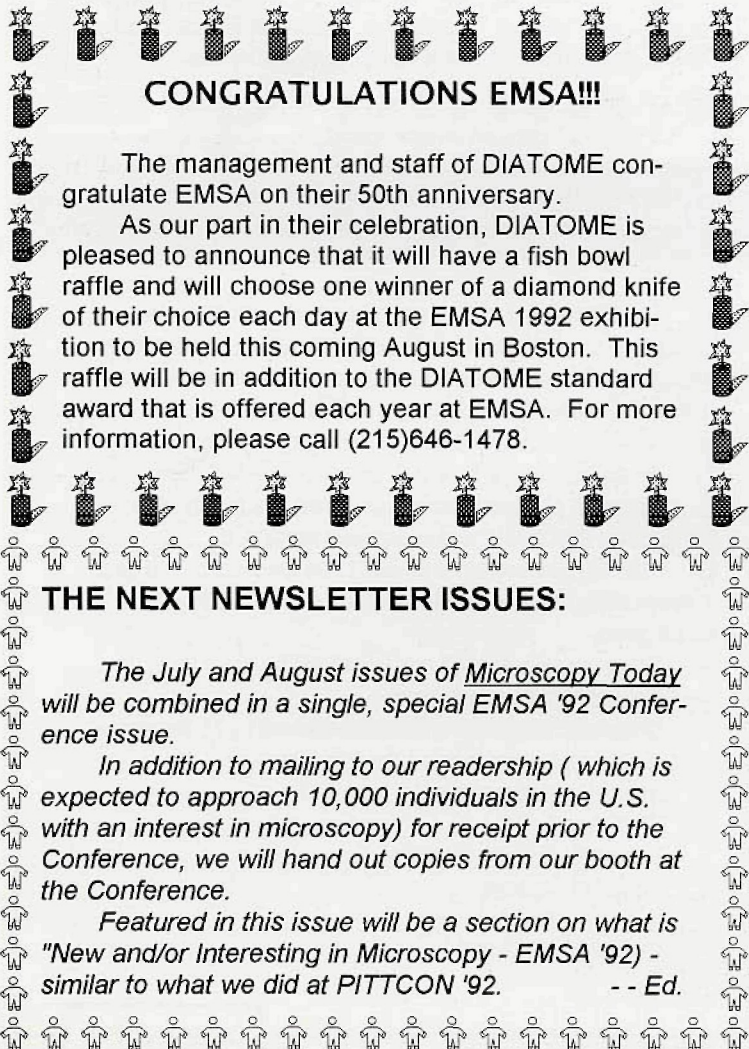
Should you be able to provide help, please contact:

Mr. Joe Kroto, Biotechnology Center  
 Fairmont Heights High School  
 1401 Nye Street  
 Capitol Hights, MD 20743  
 Tel.: (301)773-1200  
 Fax: (301)773-5177

✓ Dr. John Bradley, recently of McCrone Associates, Inc, has joined MVA, Inc. (Norcross GA). John will be providing analytical electron microscopy services for state of the art materials characterization, supplementing MVA's established capabilities in scanning electron microscopy, light microscopy and micro-FT-IR spectroscopy.

✓ A new predoctoral fellowship program aimed at preparing researchers to use chemical approaches to biological problems is being launched by the National Institute of General Medical Sciences (NIGMS). The new program is designed to encourage chemistry, pharmaceutical chemistry, and medicinal chemistry facility to participate more in NIGMS Ph.D. training efforts - with the goal "to provide chemists with training in biological science so that they can foresee the biological potential of the compounds with which they work and can apply chemical principles for the design of new compounds to answer biological questions"

✓ A new six-axes, high resolution specimen stage for SEMs has been developed by E. Fjeld Co. (BillERICA MA). The sixth degree of motion provides an additional tilt axis of +/- 90° from side to side in relationship to the primary tilt of the stage. The primary tilt towards the secondary detector is -45° to +90°. The X and Y translations are typically 100-125 mm of motion, with continuous Z and 360° of rotation.



CONGRATULATIONS EMSA!!!

The management and staff of DIATOME congratulate EMSA on their 50th anniversary.

As our part in their celebration, DIATOME is pleased to announce that it will have a fish bowl raffle and will choose one winner of a diamond knife of their choice each day at the EMSA 1992 exhibition to be held this coming August in Boston. This raffle will be in addition to the DIATOME standard award that is offered each year at EMSA. For more information, please call (215)646-1478.

THE NEXT NEWSLETTER ISSUES:

The July and August issues of Microscopy Today will be combined in a single, special EMSA '92 Conference issue.

In addition to mailing to our readership ( which is expected to approach 10,000 individuals in the U.S. with an interest in microscopy) for receipt prior to the Conference, we will hand out copies from our booth at the Conference.

Featured in this issue will be a section on what is "New and/or Interesting in Microscopy - EMSA '92) - similar to what we did at PITTCON '92. - - Ed.

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