EMSA Undergraduate Scholarship Program Mary Grace Burke

Westinghouse Science & Technology Center, Pittsburgh, Pa.

The EMSA Undergraduate Scholarship Program was developed in 1988 to encourage students to consider microscopy-related careers. Over the years, the program has expanded to include seniors as well as junior undergraduate students. The scholarship application includes a research proposal (including budget) written by the student, and letters of recommendation from a faculty member and project advisor. The response to the 1992 EMSA Undergraduate Scholarship Program was excellent, both in terms of student responses and quality of applications. An all-time high of six scholarships were awarded this year to the following students:

Christine Cuzocrea (Senior; Univ. of Arizona) "Investigation Into Ultrastructure and Innervation of Sex Phermone Glans".

Thomas Gilboy (Senior; Duquesne Univ.) "Mechanistic Study of Ferroelectric Transformation and TEM Analysis of the Morphology and Crystallography of a Thin-Film Lead Zirconate Titanate (PZT) Ferroelectric".

Sofia Monteblanco (Senior; Reed College) "Functional Morphology of "Corner" Cell in Balanus Nubilis".

Jeol Russo (Senior; Univ. of Vermont) "Quantitative Assessment of the Effects of Pregnancy on the Ultrastructure of the Vascular Wall in Uterine Arteries using TEM.

Richard Smith (Senior; Lehigh Univ.) "Use of a Light Element EDS Detector on a High Resolution SEM".

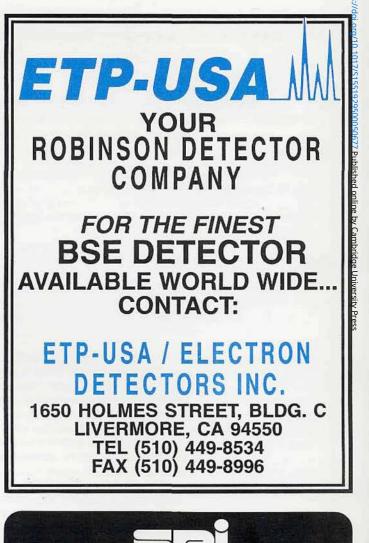
Anthony Wright (Junior; Univ. of Texas-Austin) "TEM Analysis of the Deformation Mechanisms of the Cr2Nb Ordered Intermetallic System".

In addition to the scholarship awards, these students were invited to attend the 1992 EMSA/MAS/MSC Meeting in Boston, as quests of EMSA.

The 1993 (E)MSA Undergraduate Scholarship Program is currently soliciting applications from Junior and Senior students interested in conducting a research project which involves the use of any microscopy technique. Students should be sponsored by a member of EMSA. The maximum award is \$2500. The deadline for applications has been extended to December 30, 1992. Please contact Dr. M.G. Burke (412/256-1265) or Dr. R. Albrecht (608/263-3952) for applications or additional information concerning this program

EMSA/MAS/MSC Conference '92 And what a nifty affair it was! Leaving the statistics to others, and as a self-appointed spokesman for the "vendors", our thanks to all that contributed to its success. And a very special thanks to Mort Maser and Ed Ruffing who 👘 continue to make the Conference the most enjoyable (and profitable) in the country. - Ed.

<u>૾</u>ૹ૾૾ૹ૾૾ઌ૾૾ઌ૾૾ઌ૾૾ઌ૾ઌ૾ઌ૾ઌ૾ઌ૾ઌ૾ઌ૾ઌ૽ઌ૾



Conductive Adhesives & Paints SEM SAMPLER

SPI Double-Sided ConductiveAdhesives Silver Sheets

1 package - 5 sheets per package - 5cm x12cm x 0.13 thick **Carbon Sheets**

1 package - 10 sheets per package - 5cm x12cm x 0.13 thick Carbon Tape 1 Roll - 8mm wide x 20m long x 0.16mm thick

SPI Paints and Thinners Silver Paint and Thinner 1/2 Troy ounce 60cc Carbon Paint and Thinner 3/4 ounce 60cc

To order, ask for SPI Part # 91000-AB

Save over 30% If purchased separately - \$244.75 Now only \$1 Call SPI Supplies at 1-800-2424 -SPI

Offer valid through 10/30/92