MEETING NOTICE: Sunday, October 20, 2002
TOPIC: Wine Tasting and Buffet Dinner

The first event of the 2002-2003 Chapter year will be held on Sunday, October 20, 2002, on the North Fork of Long Island. In a change from the past, this year we will meet at the Bidwell Vineyards, situated on Rt. 48 in Cutchogue, at **1:30 pm**. After the tour and sampling their wares, there will be a break to let you check up on other attractions in the area (fruit and vegetable stands, antique stores, etc.). We will reconvene at **4:30 pm** at Bedell Cellars for a private wine tasting in their new facility on Rte. 25 in Cutchogue. In addition to the tasting, we have arranged for a buffet dinner, after which we will raffle off a few bottles of the local products. Come out and join us, renew old acquaintances and meet new ones. We hope to enjoy our usual good fortune with the weather but, just in case, there are arrangements to move the dinner indoors if necessary.

$17.00 per person (members and guests)
Buffet limited to 40 people.
Reservations requested (it makes planning easier) - call:
Carl Czajkowski (631/344-4420) or Biays Bowerman (631/344-2946).

DIRECTIONS (from the West)
To Bidwell Vineyards: take the Long Island Expressway to Exit 73 then continue east on Rt. 58 to join up with Rt. 25. Continue east on Rt. 25 into Mattituck and make a left onto Love Lane (just after a large white church). Head north on Love Lane until it ends (about 0.2 miles) then make a right onto Rt. 48. Bidwell is about 2.5 miles east, on your right, just past the Castello di Borghese vineyard (formerly Hargraves). To reach Bedell Cellars, continue on Rt. 48 for about 1.7 miles, turn right onto Peconic Lane and go about 0.6 miles, to Rt. 25. Right on Rt. 25 (heading west) and Bedell Cellars should be on your right after about a mile or so.
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CONGRATULATIONS!

To Chris Berndt, FASM, on his receiving the 2002 Alan Ray Putnam Service Award at the ASM International's "Materials Solutions 2002".

To Stephanie Kaszuba, Smithtown, and Edmund Palermo, Bay Shore, on winning LIASM John R. Weeks scholarships. Stephanie is entering the University of Virginia to study biomedical engineering while Edmund is going up to Cornell to study polymer science and engineering.

WELCOME TO THE CHAPTER!

We're pleased to welcome the following people into the Chapter:

Michelle Bergman, VJ Technologies    Alexander Betti, Allied Aerospace    Bruce Bodger, Sulzer Metco
Paul Englehart, Baldwin    Anthony Guiliani, KeySpan Energy    Joseph LoBiondo, Nikon Instr.
Palani Raj, United Nations Org.    S. Sadigh, Holbrook    Leonard Schleicher, Emtrol LLC
John Sohngen Jr., Mount Sinai    Limin Sun, Stony Brook Univ.    Weimin Yin, Polytechnic Univ.

All new and transferred-in members are invited to dine free at a regular meeting of their choice. PLEASE take us up on this offer, meet with other Chapter members and start networking.

Have you checked out our new Web site?

http://www.matscieng.sunysb.edu/asm

We're still building it but already you'll find information on the Long Island Chapter people, programs and events, plus links to ASM International HQ and other sites. Any and all suggestions for what you'd like to see there are welcome - contact webmaster-cum Chairman Henry White (email: hwhite@notes.cc.sunysb.edu ).
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2003 FALL "HANDS ON" COURSE OFFERING

SCANNING ELECTRON MICROSCOPY

Location: Stony Brook University Dates (all Saturdays): October 19, October 26, November 2, November 9

Times: meet at 9 AM on first day; approx. 4 hours instruction per day Cost: $500 per person/four sessions

Instructor: Dr James Quinn, Director of the Materials Characterization Laboratory, SBU (631-632-6663)

Enrollment limit: six (6) persons maximum CEUs: to be announced

Course Synopsis:

1) Principles of operation
   Image generation
   Vacuum
   Sample preparation
   Secondary electron generation
   Gun parameters
   Beam current
   Selecting a voltage
   Charging
   Stage motion
   Sample coating
   Good/bad samples
   Feature size
   Focus/magnification
   Brightness/contrast
   Stigmatization

2) Detectors
   SE2, inlens, backscatter
   Dual screen
   Dual magnification
   Center point/feature

3) Elemental information
   Energy dispersive xray spectroscopy
   Picking a voltage
   Identifying elemental peaks
   Quantitative analysis
   X-ray mapping
   Simulations
   Excitation volume
   Thin films

4) Samples to be examined:
   YOURS
   prickly Au stigmatization sample
   Au grid magnification standard
   Polymer fibers
   Thermal spray splats
   Faraday cup
   Assorted microchips
   Fracture surfaces
   Au/Cu/Al grids for X-ray maps
   Quantitative X-ray analysis (brass, stainless steel)

Registration: Dr Henry J. White (631) 632-3234 (phone)
Dept. of Mats. Science & Engineering (631) 632-8052 (fax)
Stony Brook University bwhite@notes.cc.sunysb.edu (email)
Engineering Bldg. (Room 209)

A Message to the Long Island Chapter Members

“2002-2003 Campaign for Chapter of Excellence”

The Long Island Chapter under the direction of past Chairman Biays Bowerman reached a milestone during the 2001-2002 campaign. Now that we are recognized as a premier “five star” chapter, come out to our next meeting, find out why and help us reach our next goal of “Chapter of Excellence”. Without your attendance, we will never be able to reach our goal.

“Let's Roll”!!!!!!!!!!!!!!
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**CHAPTER MEETING SCHEDULE**

November 20, 2002  Joint meeting with Metro NY/NJ Chapter Speaker: Richard Hoffman on "Infrastructure Restoration in New York City"

December 10, 2002  Companions' Night Speaker: William Medeiros, BNL - Peconic River cleanup

January 15, 2003  Joint ASM-ANS Night Speaker: Anthony Favale - fusion reactors

February 19, 2003  Past Chairs' Night Speaker: Harold Michaels - copper castings

March, 2003  Plant tour (TBA)

April 16, 2003  Thermal Spray Night/Students' Night Speaker: TBA

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Brookhaven National Laboratory

EMERITUS
Richard Richards - (631) 567-6163
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Clifford Shaver - (631) 586-1842
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STUDENT CHAPTER NEWS

Efforts are underway at Stony Brook University to formalize a Student Chapter affiliated with the Long Island Chapter of ASM International. The Student Chapter will function much like the parent chapter, in that it is planning to hold regular meetings, arrange visits to local technical companies and research laboratories, and conduct outreach programs directed towards the local high schools and freshmen entering SUNY Stony Brook as engineering majors. The parent chapter will be providing both moral and financial support to help the Student Chapter get off to a flying start. Already in place are the major office holders for this new venture:

President - Jason Trelewicz
Vice-President - Christopher Jensen
Treasurer - Laura Reilly
Secretary - Bryn Elliott