



# GOLDEN GATE CHAPTER

December 2005  
Meeting Notice & Announcements

## Last Chapter Newsletter

### Retiring the Chapter

A few month's ago National mailed you a letter describing the situation with the Golden Gate Chapter and asked for your input. We received a few replies, both by email and using the post cards that were included with the letter. Your suggestions spanned to whole range of options, from acknowledging that the situation has been a long time coming and agreeing it is time to close the chapter, to requests that we merge or form a hybrid chapter, to disappointment that the chapter was even considering closing. Two weeks ago the executive committee met to review and discuss your response and in the end it was decided that we retire the chapter. The decision all boiled down to three essential factors:

- The steady decline in meeting attendance that began 15-20 years ago had reached the point where we could no longer hold meaningful chapter meetings.
- There was no one ready to assume a leadership role in the chapter's operations.
- Our efforts over the past five years to turn things around have generated interest and appreciation, but no increase on membership participation.

Following the decision to retire the chapter, the executive committee discussed how to go about it. The following items were identified:

1. Charter
  - a. Return the charter, banner, and bell to National.
  - b. National will keep these items safe in the event that the chapter reconstitutes itself.
2. Finances
  - a. Reassess our financial status.
  - b. Donate \$500 to each school that has participated in our student awards programs and/or attended other meetings.
  - c. Send the remaining funds to National.
  - d. These funds will be available if the chapter ever reconstitutes itself.
3. Internet
  - a. Close the list server that we have been using when emailing our members.
  - b. Maintain the web site, but revise it so that it reflects the inactive status of the chapter, and redirects visitors to other societies and engineering and technology schools in our region.
  - c. Include contact information in the web site for visitors who might have questions about the Chapter.
  - d. U.C. Davis is hosting our site so it won't cost anything to keep the web site up.
4. Dispose of all property/equipment
  - a. Donate the projectors and screen to a local school.
  - b. Review the status of the Chapter's library and find the best way to dispose of the books.
5. Notify the Membership
  - a. Mail and email one last newsletter to our members and friends to notify them that the chapter is ceasing operations.
  - b. Recommend that everyone shift their chapter affiliation to another chapter in their area. (See Chapter News and Notes below.)

We are in the process of doing the above. The list server will be closed by the time you get this newsletter, and most of the web site's revisions are already done. Several schools have been contacted about the cash gift and AV equipment. We'll also be working closely with Randall Barnes at National to make sure we do this all right, to make sure we have permission to use the ASM logo on the web site, and related matters.



## **ENGINEERING POSITIONS AVAILABLE**

### **Unique Career Opportunities at Anamet, Inc**

Anamet, Inc is the process of growing the materials engineering and testing laboratory functions at its Hayward, CA facility and is searching for qualified applicants for several new, key professional staff positions. The following full-time career opportunities are immediately available at our Hayward facility:

#### **ACO 1-05: Department Leader/Senior Staff Engineer**

A unique and challenging career opportunity exists for a seasoned engineer or metallurgist with experience and contacts in the petrochemical industry to establish and lead a client/discipline-oriented operating group -- the Anamet Petrochemical Department. The position will be expected to enhance the capabilities and depth of Anamet's established failure analysis and forensic engineering services group. The candidate must have an entrepreneurial spirit and be willing to devote considerable efforts to earn incentive-based rewards. Success in this position will lead to compensation rewards, an executive position and title, and commensurate company ownership (equity) opportunities.

Specific requirements of the candidate are:

- A minimum of 15 years demonstrated experience in the petrochemical industry as an engineer or metallurgist in support of process plant operations,
- An advanced degree and PE license or PhD in a related field,
- A minimum of 10 years of experience in the investigation of materials, equipment and systems failures in the petrochemical industry,
- Advanced oral and written communications skills,
- Technical services management skills,
- An understanding of development and marketing techniques in the technical services arena, and
- Experience in managing and directing a technical staff serving multiple clients.

The ideal candidate will be a recognized leader in their engineering field with consulting experience and an established track record, or have the ability to quickly develop a practice area within the Anamet structure. Specialized knowledge of documentation and handling of components from the petrochemical industry, metallurgical laboratory techniques, failure analysis protocols, corrosion processes and welding technology is required. Expert witness testimony on legal matters outside of the petrochemical arena may also be required. Successful candidates will be offered an attractive compensation package and career path commensurate with experience, education and projected value to the company. In addition, a comprehensive employee benefits package will be provided.

#### **ACO 2-05: Professional Staff Engineer-Metallurgist**

A challenging career opportunity exists at Anamet for a mechanical or materials engineer-metallurgist with failure analysis and forensic engineering experience. The candidate selected for this position will be expected to provide depth and diversity to the capabilities of the professional staff and to assist the Director of Engineering and Laboratories with technical work as needed:

Specific requirements of the candidate are:

- A minimum of 2 years experience in materials failure analysis,
- An advanced degree in mechanical engineering, materials science, welding engineering or a related discipline,
- Good oral and written communications skills,
- Demonstrated mechanical testing skills,
- Other desirable attributes include: presentation experience at professional technical meetings and successful attainment of an EIT certificate and expected completion of the examination requirements for a PE license as soon as eligible.

A compensation package and career path will be offered commensurate with the experience, education and projected value of the candidate to the company. In addition, a comprehensive employee benefits package will be provided.

To apply for either of these positions please submit a comprehensive CV or resume and any supporting materials available including examples of written technical reporting, letters of commendation, description of any legal testimony or investigations performed, as well as a list of 3 professional references with contact information. Submit all required information via e-mail or fax to the attention of Ken Pytlewski at [ken@anametinc.com](mailto:ken@anametinc.com), or 510-887-8427 (fax).

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## Chapter News and Notes

### Membership Awards

We did not hold a year-end meeting in June during which we acknowledge membership milestones. We still have the membership awards and they have been mailed to the recipients. The awards were:

#### 5 Years

Peter Zwigl, Will Glesener, Dan LaRochelle, Kelly A. Walden, Steve Petterson, Kristo Regio, Marc Detert, Robert Ehlen, Philip H. Booker, R. Scott Dufault, Perry Martin

#### 10 Years

Michael D. Baldwin, Rajan Varadan

#### 25 Years

Fredrick P. Brechtel, George E. Tardiff, Ph.D., Dennis A. McGuire, Dushyant Manmohan

#### Lifetime Membership Award

Zuhair Munir, FASM

### Saturday Welding Course

Solano Community College has offered day and evening Welding classes for many years and will begin offering a Saturday Welding class in the Spring 2006 semester which begins in January. We wish to advertise this program in your monthly newsletter and via a website link. Please contact David Nourot at (707)864-7279 or Department Dean, Robert Johnson at (707)864-7155 or email at [Robert.Johnson@solano.edu](mailto:Robert.Johnson@solano.edu). – Thomas H. Via CMfgE, M.B.A, Welding Instructor, (707)425-0365

### Your Chapter Affiliation After the Golden Gate Chapter Retires

Once it is official that the Golden Gate Chapter has been dissolved your chapter affiliation will be "at large". The advantages of being affiliated with a chapter in your region are obvious, but in addition, the amount of money the chapters receive from National each month is based on the membership numbers. This money can be used for chapter operations, scholarships, and the numbers help win sponsorships, etc. Please consider becoming affiliated with a chapter in your area.

### How to Change Your Chapter Affiliation

To change your chapter affiliation call 800-336-5152, option 6, and talk to a CS rep. Selecting a chapter basically dictates which chapter is given your information, as well as which gets credit (literally, the member rebate) for you. If you choose to remain with GGC, then nobody would get the rebate for the time being. If you choose to become a member at large, that means that no chapter will list them so they will get no chapter mailings. This would functionally be the same as being a member of GGC while it is suspended.

### An Invitation from the Silicon Valley Chapter

The Silicon Valley Chapter has extended an invitation to our members to become affiliated with their chapter, and for interested members to attend their next executive committee meeting on Jan 17 to see how they can help our members.

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## Student Chapter News and Notes

### *The Prevailing Student Chapter at UC Davis*

The recently formed UC Davis chapter of ASM, entitled the Davis Society of Materials (DSM), held its inaugural meeting of the quarter in late October. The turnout greatly surpassed that of the first year's somewhat fledgling meetings. In addition to the improved turnout of students, this year also brings a greater diversity of undergraduate interests. Although the majority of DSM members major in Materials Science & Engineering, this quarter brings a variety of students studying Mechanical Engineering, Chemical Engineering, and even a handful in the Geological Sciences focusing their studies on organic materials.

DSM also represented the Materials Science Department of UC Davis at the recent Preview Day for middle and high school students. To draw an interest towards the study of Materials Science, the chapter showcased various exhibits such as the fracture surfaces and tensile strengths of metals. The interesting properties of cold-worked copper fascinated young students and parents alike.

The chapter's final event of the quarter will feature a guest speaker in the field of nanotechnology. DSM encourages all interested in materials science to attend its meetings. For more information on the Davis Society of Materials, contact Elliot Szkup at [egszkup@ucdavis.edu](mailto:egszkup@ucdavis.edu).

Elliot Szkup, DSM President

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## Notes from the May Student Night Meeting

The May 2004 meeting was our annual student awards night and a joint meeting with the Golden Gate Section of the American Ceramic Society. The meeting was at California Café in Davis and was attended by students and faculty from UC Davis., UN Reno, and four community colleges.

### **Student Awards**

The awards given at the meeting went to the following:

**John Dorn Award:** This award is given to a Ph.D. student in the last year of his or her studies. This year the award went to:

- Jill Johnsen, U.C. Davis.

**Scholastic Achievement Award:** This award is given to outstanding students from U. C. Davis and U. N. Reno. This year awards were given to:

- U.N. Reno: Matthew Goodale, Gabriel Rojas-George, Yon Sohn
- U.C. Davis: Tammy Siliznoff, Tien Tran, Pragati Jain

### **Outstanding Community College Student Awards**

This award is given to outstanding students in academic and technical programs at regional community colleges. Two nominations from each school are considered. This year the awards were given to:



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- Los Medanos College: Jeffery Phillips, Nickolas E. Kurzadkowski (Instructor: Andy Ochoa)
- Sierra College: Phuc Ton (Instructor: Debbie Hill)
- Solano College: Kristine Haunschild, Christian Des Champs (Instructor: Melanie Lutz)
- Yuba College: Harpreet Dhanda, Yara Alcala (Instructor: Steve Klein)

### **Technical Program**

Alan Cassell (NASA-AMES) gave a presentation that covered a wide range of technologies, processes, and potential space applications of carbon nanotechnology. His talk, entitled "Carbon Nanotechnology Towards Applications Development for Space Applications", covered topics that would be covered in practically every undergraduate materials science course. The impression he left with our students was that this is a new and promising technology, with a wide range of applications, perfect for this audience, many who were barely two years into their studies.



## ***View From The Golden Gate***

While many have noted how sad it would be to see the chapter cease operations, it really hit me at the end of our last executive committee meeting. As we gathered our things and prepared to leave, I realized that this also meant the end of long and very enjoyable personal relationships I have had with these people. While these relationships had centered on professional matters and the functioning of the chapter, they were also still nonetheless personal. I had the pleasure of working with these people for over ten years, and now this, like the Chapter itself, was ending. I am feeling something of a personal loss

at the prospect of both.

A run of 81 years may not be bad considering how much California has changed during this time. Ship building and many of the heavy manufacturing industries that built our infrastructure are gone while microelectronics and more recently biotechnology companies were invented here and have grown up in or own backyard. The materials profession itself has expanded well beyond its earlier metallurgy and ceramics bases, proving how inherently interdisciplinary the materials professions are.

What would eventually become the chapter we all belong to began in 1924 as the 34<sup>th</sup> chapter of the American Society for Steel Treating, which would later would become ASM International. The Chapter grew to over 1000 members in the 1970's. Meeting attendance through the 1970's was typically 40 to 120. I joined ASM in 1981 and became involved in the Chapter's leadership in 1994. By then attendance had started dropping, but it was still healthy. The people I met, the technical programs and the Monterey seminars I attended, were very informative and satisfying affairs for me. I can still remember a number of the technical presentations, such as Ravi Iyer's presentation on how power plants are built, Lisa Thomas's talk on the analysis of turbine failures, the excellent presentation by Frank Dodd on automated inspection systems, and many others come to mind. For a person working in academia, this contact with industry has been valuable for me and of course things I learned at our meetings have found their way into the classroom.


In closing, I would like to thank our speakers, members, guests, students, and sponsors that have helped make the Golden Gate Chapter the success it was. If it is even possible, I'd also like to thank all who have been involved in the chapter, all the way back to 1924. We have all benefitted from their early efforts at building a community of materials professionals in northern California.

Sincerely,

Mike Meier, Ph.D.  
Chapter Chair  
(530) 752-5166, mlmeier@ucdavis.edu

# Chapter Newsletter, December 2005



  
 Golden Gate Chapter of ASM International  
 % Rich Stellina  
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Executive Committee		
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Secretary	-	-
Treasurer	-	-
Membership	Rich Stellina <sup>1</sup>	510-236-1344
Sponsors	Paul Tibbals, P.E. <sup>1 2</sup>	925-866-5356
Program	Lisa Thomas <sup>1</sup>	510-546-3300x6
Arrangements	Chuck Morones, P.E. <sup>1</sup>	209-833-2022
Newsletter	Mike Meier, Ph.D. <sup>1 2</sup>	530-752-5166
Internet	Paul Tibbals, P.E. <sup>1 2</sup>	925-866-5356
Student Rep., UC Berkeley	-	-
Student Rep., UC Davis	-	-
Note 1: I am a past chair Note 2: I am doing two jobs		

CHAPTER SUSTAINING MEMBERS
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