

NEWSLINE

NEWSLINE

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2001

OUTSTANDING SCIENTIFIC MATERIALS MANAGER FRANKIE MYLOTT



SCUDDER AND GARLICK
RECEIVE PLAQUE FOR
LIFETIME CERTIFICATION

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VIEWPOINT

Hello fellow NAOSMM Members!

I hope this finds each and every one of you doing well. I know the events that have occurred since we last saw each other in Grand Rapids have left everyone evaluating their life's priorities. It is amazing the concern expressed by NAOSMM members for those affected by the events of 9-11. We, the Board, hope that the contribution made by NAOSMM will help the victims in some small way.

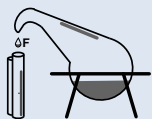
I would like to thank everyone who has volunteered to help NAOSMM by serving on a committee. There are still a number of openings on committees. If you would like to help by volunteering, please e-mail me.

As we all start to plan our 2002 Calendar, remember to schedule July 29th to August 2nd for the 29th Annual NAOSMM Conference and Trade Show in St. Louis. This year's theme is "Gateway to Excellence". Funds are available so do apply for the Nalge Nunc International Professional Training Fund Award or the NAOSMM Seminar and Trade Show Award if you need financial assistance to attend the conference in St. Louis. For those who have not attended the conferences, remember that the Nalge Nunc International Professional Training Fund Award is focused to help first time attendees. It was great to see all the first time attendees at the 2001 conference. If you know of someone who is a NAOSMM member and they have not attended the Conference and Trade Show, contact them and encourage them to attend.

The program committee is working hard to provide seminars and speakers that will promote growth in our professional lives as well as updating us on changes in the work place.

Jonathan Gibbons
President, NAOSMM

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NEWSLINE DEADLINE

The next deadline for material to be published in the April issue of the *Newsline* is February 27. It is essential that material to be included for that issue is in our hands by that date. *Articles arriving after that date will not appear in the April issue.* Articles should be submitted in Word or WordPerfect via email whenever possible.

BE A VOLUNTEER

Volunteerism is sweeping the country. The events of September 11 and the months following have brought out the best in most Americans. NAOSMM members have always been good at pitching in to help out. They have contributed to this organization in many ways over the years. Some of them have gone above and beyond to help make this an exceptionally supportive group to be affiliated with.

We would especially like to thank those people who responded to the **request for synopses of the seminars** at the conference. The articles that we have received so far have been exceptional. Two of them are included in this issue. They are a way for the membership who were not able to attend in Grand Rapids to stay informed about the issues discussed. For those of us who were able to hear the speakers first-hand, the articles serve as a reminder of the important points brought up in the various topics.

Another way to volunteer is by agreeing to **host a Conference**. Please see the report submitted by Site Selection Chair, Glen Thornley. He is beginning his search for a site for 2005 and the willingness of a member to host is one of the most important criteria for choosing a site. Having hosted the conference in Valley Forge in 1992, we can tell you that you won't be sorry if you take on this task. We've actually agreed to do it again! We expect to see all of you in Philadelphia in 2004.

The search of greatest interest to us is for **NEWSLINE Editor(s)**. Our last issue will be the one you receive in July. It really isn't hard. All these wonderful volunteers we've mentioned above practically do it for you!

This is a wonderful organization, but it doesn't run itself. If you are not already contributing, please consider volunteering for one of these essential positions.

NAOSMM WELCOMES NEW MEMBERS

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FRANKIE MYLOTT RECEIVES CERTIFICATION

Frankie Mylott, Sphinx Pharmaceutical Laboratories, was the sixteenth NAOSMM member to earn and receive the title of Certified Scientific Materials Manager. He was presented his certification this past August at the 28th Annual Conference & Trade Show in Grand Rapids, Michigan.

Frankie has been with Sphinx Pharmaceuticals for twelve years, where he is currently the Lab Manager for the Screening and Biology Departments. He loves living in North Carolina, “where the beach and the mountains are close by.” However, he is not very fond of the cold weather.

Frankie joined NAOSMM in 1998 and attended his first conference that year in Portland, Maine. Since then, he has been actively involved with the organization, serving on several committees, including the Nominations Committee, and the Host Committee for the 27th Conference & Trade Show in Research Triangle Park, North Carolina.

In his spare time, Frankie enjoys spending time on the golf course and playing basketball and baseball. He also treasures the time he spends with his two children, Justin and Marisa.

His suggestion for those considering certification: “Do Not Procrastinate!!”

Frankie, Congratulations on your Grand Achievement!! It is well deserved!! For anyone wishing to join Frankie by becoming certified, please see the certification requirements included in this issue or visit the certification page on the NAOSMM Web Site (www.naosmm.org).



Kevin Mautte presents certification award to Frankie Mylott

SCUDDER AND GARLICK EARN LIFETIME CERTIFICATION

We welcome two members to our group of Lifetime Certified Scientific Materials Managers. Elaine Scudder and Michael Garlick were awarded lifetime certification at this year's Annual Conference and Trade Show in Grand Rapids, MI.

Elaine Scudder continues her work as the Materials Manager for the Science Division at Truman State University in Kirksville, MO. Elaine earned her CSMM at the 1998 conference in Portland, ME. She has been a member of NAOSMM since 1991 and has been fortunate enough to attend all but one conference since joining. Elaine was chair of the Membership committee from 1995-1997 and currently serves as the Organization's secretary, being elected for a second term at this year's conference.

Michael Garlick joined NAOSMM in 1995 and was able to attend his first conference this year in Grand Rapids. Mike is the Stockroom/Laboratory Manager and Chemical Hygiene Officer for the Chemistry Department at Delta College in University City, MI. Mike continues to enjoy his work as “Dr. Slime”, a science motivational educator who helps children have fun with science. Mike was recently invited to present Dr. Slime's “Something Stinks” (an interactive program on the Chemistry of Smells) at the Pacific Science Center in Seattle, WA. You can check out Dr. Slime's website at www.doctorslime.com. Mike received his original certification in 1997.

Congratulations Mike and Elaine for earning your lifetime certification and thank you for your continued service and dedication to NAOSMM.



Scudder and Garlick receive plaque for earning lifetime certification.

The National Association of Scientific Materials Managers, in 1990, developed and adopted an instructional program for the purpose of certifying the NAOSMM members as Certified Scientific Materials Managers (CSMM). A NAOSMM Certification Committee, consisting of one (1) chairperson, three (3) committee members and the vice president of NAOSMM, has authority to oversee the program, approve certifications and recommend changes.

CERTIFIED SCIENTIFIC MATERIALS MANAGER

REQUIREMENTS

1. Any member may submit to the Certification Committee (hereafter Committee) proof of completed, employer-sponsored courses and/or employee seminars, (transcripts, certificates, etc) with a letter to the Chairperson of the Committee requesting review of such proof for approval and assignment of points. All courses must have been taken and completed within the last five (5) years without exception. At the time certification is awarded, all materials will be from the past five (5) years. Any submission that is older than five (5) years will not count toward the 100 points needed for certification.
2. In addition to the completion of 100 points credit, the candidate must develop a paper on a list of specific topics and submit it to the Committee. The Committee will evaluate the paper which must cover six (6) of the following specific topics:
 - a. receiving/shipping methods and procedures
 - b. issuing/delivery methods and procedures
 - c. cataloging/coding systems
 - d. inventory control methods and procedures
 - e. obsolete material/investment recovery
 - f. computer information systems
 - g. warehousing/storage systems
 - h. safety/OSHA requirements as they pertain to Stores/Laboratories
 - i. administration/budgeting
 - j. TQM – Total Quality Management
 - k. Leadership/personnel management
 - This paper must reflect the candidate’s knowledge on these subjects and is not necessarily a reflection of their specific work operation.
 - Each category will be graded on a 1 –5 point basis per topic. A total passing grade is 20 with a minimum of 3 in each category.
3. If all requirements have been met, the Committee will notify the candidate and issue a Certified Scientific Materials Manager Certificate good for five (5) years.
4. The Committee may also approve points in an individual case when it agrees with a request from a particular employer concerning training within the last five (5) years.
5. Vendors can be members of the organization, but cannot be certified.

Applicants must submit documentation for completion of the courses specified below. Each course will be assigned a point value based on content and length of course. In the core requirements, courses must cover at least three of the five categories in each section. Requirements for certification include 100 points earned from the following categories.

CORE REQUIREMENTS (60 POINTS)

- A. Basics (20 points)
 1. Personnel management
 - a. Organizing/coordinating work units
 - b. Motivating employees (theories, application)
 - c. Legal aspects (liabilities, grievances, etc)
 - d. Appraising work performances (evaluation, methods)
 2. Managerial Planning
 - a. Planning for change
 - b. Stress management
 - c. Conflict management (strategies and procedures)
 - d. Goal setting
 - e. Ethics

3. Communication
 - a. The communication process – Quality and Quantity
 - b. Report writing
 - c. Delegation techniques
 - d. Feedback techniques
4. Decision Making
 - a. Decision making process
 - b. Factors affecting the process
 - c. Delegating decision, dividing workloads, future assignments, etc.
5. Leadership Patterns
 - a. Styles and influences
 - b. Adopting and adapting

B. COURSES SPECIFIC TO SCIENTIFIC MATERIALS MANAGEMENT (40 Points)

1. Control and Management
 - a. Inventory control (receiving, shipping, etc)
 - b. Effective techniques of material management
 - c. Cost and investment
2. Management Information Systems
 - a. Electronic data processing
 - b. Hardware and software
3. Security
4. Warehousing
 - a. Materials handling
 - b. Operation and management of mechanized stockrooms

(continued on page 6)

UV/Visible Spectrophotometer



The NEW Lightwave¹ Spectrophotometer combines diode array scanning, a small footprint, intuitive controls, and a great price.

- ✓ Simple menu-driven operation
- ✓ Instant scanning: 200-825nm display in 4 seconds!
- ✓ Large graphics display
- ✓ Moves easily from class to lab...only 10 lbs!
- ✓ 2 year warranty, includes deuterium bulb!

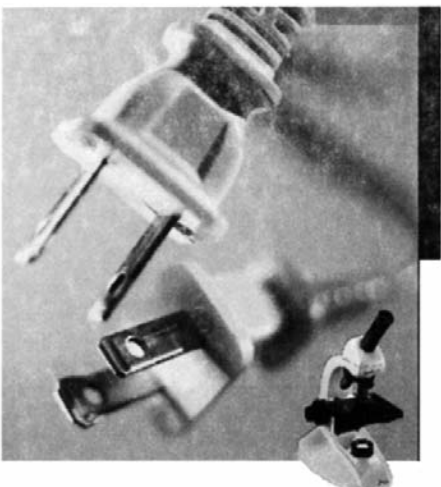
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ALL MATERIALS for certification or re-certification must be received no later than **May 15** for the certification to be granted at that year's annual conference. Applicants will be notified of their status within 30 days of submission of materials.

5. Safety
 - a. Managing laboratory waste
 - b. Chemical safety in the stockroom
 - c. OSHA training

CONTRIBUTIONS TO THE PROFESSION (40 POINTS)

1. NAOSMM Conference Training and Experience (maximum 20 points). The Committee will determine and approve points to be credited within this category.
2. Other conference training and experience (maximum 15 points). The Committee will determine and approve points to be credited with this category based on the subject matter of the training and experience.
3. Service to NAOSMM (maximum 10 points).
 - a. NAOSMM board officers (5pts per year of service)
 - b. NAOSMM committee chairs (3pts year of service)
 - c. Committee member (2pts per year of service).
4. Articles published in trade journals, such as NAEB, NAPM, Newline, and scientific journals. The Committee will determine the points to be credited within this category on a case by case basis. (Maximum 10 points)
5. Management Experience (max 10 pts)
 - a. Manager of other managers in scientific materials management (3pts/yr)
 - b. Manager of stockroom personnel other than clerical staff (2pts/yr)
 - c. Stockroom staff or does not manage anyone other than clerical staff (1 pt/yr)
6. Educational courses offered by accredited colleges, correspondence schools or special seminars in these and allied fields will be accepted by the Committee with a maximum of 20 points on the following scale:
7 points for Ph.D. level classes, 5 points for Masters level and 3 points for undergraduate classes.
When submitting hours for classes please include a class description. Lessor point values may apply to particular classes.

RE-CERTIFICATION

1. Renewal of the Certified Scientific Materials Manager Certificate shall be granted after evidence of continued education and contribution to the profession shown through participation in the Certification Continuing Education Program and completion of fifty (50) points. These must be learned at least three (3) but not more than five (5) years after original certification was awarded. Failure to apply for re-certification prior to the expiration of the original certification results in the deletion of the C.S.M.M.
2. Re-certification criteria alternatives:
 - a. Conferences will be allowed to count according to CEU's issued (for example, 1,4 CEU credits will be 14 points) (20 point maximum)
 - b. Points for classes and presentation as outlined above.
 - c. Continued contributions to the profession as outlined above.
 - d. Upon three (3) renewals of certification, members receive LIFETIME CERTIFICATION.
 - e. Failure to renew certification results in automatic deletion of the C.S.M.M. and the candidate must redo all aspects of the original requirements.

An Application for Certification or Re-certification, along with a copy of the Requirements for Certification, may be obtained from the chair of the Certification Committee.

CERTIFIED SCIENTIFIC MATERIALS MANAGER

APPLICATION REQUIREMENTS

The National Association of Scientific Materials Managers, in 1990, developed and adopted an instructional program for the purpose of certifying the NAOSMM members as Certified Scientific Materials Managers (CSMM). A NAOSMM Certification Committee, consisting of one (1) chairperson, three (3) committee members and the vice president of NAOSMM, has authority to oversee the program, approve certifications and recommend changes.

APPLICATION REQUIREMENTS FOR C.S.M.M.

1. Applicants must be current members of NAOSMM.
2. Vendors can be members of NAOSMM, but can not be certified.
3. Ideally application for certification occurs well before May 15th so that the committee has a good idea as to the number and location of potential candidates in a given year.
4. All applicants for a given revision of certification requirements are locked into the Requirements printed in Newsline of the year they apply (for up to 5 years).
5. All that is required for application, is a simple dated letter of intent to pursue certification within the following five years or less. Included in your letter of intent, must be the year you joined NAOSMM, an address for your employer, an address for yourself, as well as any additional contact information, background information, or data you wish to provide the committee to introduce yourself. A certification file will then be opened for you. Please limit submissions to the committee to twice a year.
6. If this is a re-certification application, please state it clearly, and list the dates of any prior certifications. In this way your progress towards Lifetime certification can be followed.
7. If applying, for Lifetime Certification under the 2001 requirements, please be ready to give dates of all three prior Certifications received from NAOSMM.

Application requirements for Certification or Re-certification, along with a copy of the Requirements for Certification, may be obtained from the chair of the Certification Committee by email or taken from the Newsline each year.

ALL MATERIALS for certification or re-certification must be received no later than May 15 for the certification or re-certification to be granted at that year's annual conference. Please keep original documents, and submit a duplicate copy, of any materials submitted for certification for your own records. Applicants will be notified of their status within 30 days of submission of materials.

NAOSMM CERTIFICATION COMMITTEE

Chair: Michael T. Garlick	C.S.M.M. emailme@doctorslime.com (new phone) 989 686-9272
Ed Graham	C.S.M.M.
Lori Keen	(non-cert. Representative)
David R. Markel	(Ex officio non-voting)



LISTSERV DISCUSSIONS

Janice Westerling
SUNY at Potsdam

The NAOSMM Listserv has proven, over the past few years, to be a valuable tool to the membership as individuals look for product sources, solutions to problems and pass on ideas. In many cases, the answers to questions go directly to the person asking the question and the general membership doesn't see them. In addition, not all members are signed up with the Listserv and miss out on some lively discussion or valuable exchange of information. Janice Westerling of the State University of New York at Potsdam has volunteered to monitor the list and gather some of those questions and answers in an effort to keep us all in the loop. We think this is a terrific idea and thank her on behalf of the membership for taking on this task. We hope you will assist her in this effort by sending responses to her as well as the questioner. If an issue seems especially timely or interesting, pass that thought on to her and she will consider it for her next column.

There are many questions and comments put to the membership through the listserv. The responses that I have chosen to gather for this first column deal with the issue of labels on chemical bottles.

Question: I would like information on safety labels for secondary bottles, both homemade and commercial. And I would like to know how to protect these labels from fading and chemical damage. JAW SUNY Potsdam

Dewey W, UNC-Charlotte: In ALL cases except commercial labels we put clear tape over the labels; either "scotch tape" or the 2-inch wide heavy packing tape. This protects the labels from exposure to air, "runs," and dribbles of chemicals and wet hands/gloves. We still have to replace the tape and the labels occasionally, but not as often.

When putting tape over labels, it is best to put the first layer on the bottom of the label and then place the second layer over the top (assuming the label is larger than the tape), overlapping near the middle of the labels. Make sure the tape extends at least 1/3-1/2 inch past the label on EVERY side, especially the top. Keep the label low on the bottle away from the rounded shoulder to prevent (buckling)."

George J. Dinius, LMU: We have had good luck covering our labels with clear polyester tape (Scienceware™ labeling system.) For larger labels, Library Tape (office supply store) is available in 3 inch widths.

James Stock II, Dow Science Stockroom We cover all our labels with 3M 300 Clear Prescription Label Tape (Office Depot).

Melva E. Cain, St. Thomas. You can buy covers that peel off a paper backing and have adhesive on that side. (Note: office supply stores).

Heather McCollor, Macalaster College. Labels with the hazard diamond* (scientific supply companies) come with a clear label to place over the writing.

Mary Ruth Andrews, U. Ala. In Southern Alabama we have a big problem with mold and mildew on labels. ...Polyethylene duct tape(hardware store) is wonderful for protecting primary and secondary labels! We cover every label on every chemical bottle we receive.

Jeanmarie Ford Braynt, U. Texas /Arlington. I bought labels (Lab Safety, #1A-24732, large, #1A-849, small). We code them from our master list for the teaching chemicals. Next we write on them with Sharpie extra fine point marker and wrap chemical resistant tape (Fisher 11-867-24) over them.

*Hazard diamond refers to commercial Hazardous Material Identification Guide (HMIG) and National Fire Rating (NFR) labels. Personnel transfer information from the Material Safety Data Sheet (MSDS) or from the original chemical label put to the pre-printed colored secondary labels.

Fading Several sources noted that original or computer printed labels do fade over time. Periodic inspection and replacement of labels may be needed.

HEADS UP!

Patricia Barker, Wabash College Just found out that Sigma-Aldrich had gone to a new labeling system and there are errors in it. When you order new chemicals, please check the labels carefully to make sure [the chemical] is exactly what you ordered. I ordered Sodium Sulfate anhydrous and the formula on the label added an H₂O. The chemical is anhydrous though. If you have any questions, Sigma's technical service is the area that helped me.

THE RIGHT STUFF, DO YOU HAVE IT? OR... WHO IS A PROFESSIONAL?

Jack Whitney
Oregon State University

WHO IS A PROFESSIONAL? AND WHAT CONSTITUTES A PROFESSION?

Before we can tell you who is a professional, we have to define profession. A profession is:
“An occupation or vocation requiring training in the liberal arts or in the sciences and advanced study in a specialized field.”¹

So who is a professional? A professional is:
“A person having great skill or experience in a particular field or activity”¹
“A person engaged in a calling considered socially superior to a trade or handicraft.”²
“One engaged in one of the learned professions or in an occupation requiring a high level of training and proficiency.”³

And therefore Professionalism is:
“The practice of a professional as opposed to an amateur. Professional quality, character, conduct or method.”²

Society often holds professionals to a higher standard than ordinary working people. Often professionals are expected to function as leaders in their field, make sound decisions, treat their clients/customers as special, putting their wants and needs first. Society also expects a professional to be long lasting in his/her chosen field and to have a commitment to the betterment of that profession.

Society also expects that a professional has (and meets) a set of professional credentials, that the professional has (and complies with) a professional code of ethics. Frequently these credentials are tied to legal requirements and a person may not practice his/her chosen trade without meeting these legal requirements. Society expects a professional to have in place a guideline for Standards of Practice. In most cases the required level of proficiency is to be replenished or renewed on a regular basis. In some professions, continued research and publication is required.

Our clients' expectations of us often will include a high level of personal integrity and confidentiality. Often we will be required to show an appreciation for diversity and the ability to work with all varieties of people. A professional is often expected to have a strong work ethic and be able to make sound judgments about people and positive decisions about projects. Equally, others in the same field may have the same expectations of us, as do our clients/customers. And, we should expect our peers to adhere to the same standards we do.

The professional should have an extensive education or set of experiences to back him/her up. A professional should have a well-rounded general education in addition to having a specialized education or training in their chosen field. In addition to technical skills and training, a professional should also have: Interpersonal Communication Skills (the ability to work well with people); Administrative Skills (the ability to be successful in business); Teaching Skills (the ability to train others in your chosen field); and sometimes Research Skills (Deductive and Logic skills, if I do this, what will happen?).

NAOSMM IS:
A PROFESSIONAL
NETWORK
A PROFESSIONAL
RESOURCE
A PROFESSIONAL
ORGANIZATION

Notes

- 1 American Heritage dictionary, New collegiate Edition
- 2 Oxford English Dictionary, Compact Edition
- 3 Black's Law Dictionary, 6th Edition

NAOSMM WAS FOUNDED TO HELP ITS MEMBERS DEVELOP, GROW AND SUCCEED IN THE MANY ASPECTS OF SCIENTIFIC MATERIALS MANAGEMENT

AS PRESENTED BY
WAYNE SMITH OF EM
SCIENCE FROM THE
2001 NAOSMM
CONFERENCE AND
TRADE SHOW
GRAND RAPIDS, MICHIGAN

The education of a professional is an ongoing project. The need for continual self improvement is often times very great in a professional. This may be met by taking courses to increase either your knowledge in your chosen field or to improve your self as a person, parent, spouse, etc. Belonging to Professional, Social or Civic Organizations is a good way to increase skills and abilities. In some situations a sense of civic responsibility develops and a professional will volunteer his/her time to civic or social agencies. Or, to volunteer his/her Money to charitable agencies.

A professional will usually exhibit a positive attitude, mature behavior and proper etiquette. A professional will show his/her professional competence by accepting responsibility for tasks assigned and completing them in a thorough and timely manner. Displaying a professional attitude and behavior does not mean that you cannot have a warm, friendly, sincere interaction with clients, co workers, friends, etc. However, there are physical and emotional limitations that must be maintained in the client-customer professional relationship.

A professional image often includes: conservative apparel; conservative grooming; conservative use of jewelry; conservative use of cell phones, pagers, alarms and other electronic items. A professional will also always insure that “body language” and other “non-verbals” will always say the same thing that vocal communications do. Green spiked hair and 14 body piercings are fine if you are a hard rock star or a basketball player. Seven pencils in a pocket protector are ok if you are an engineer. A lab coat and a stethoscope are almost expected for a M.D. Would you buy a music CD from someone with seven pencils in a pocket protector? Would you have your gallstones removed by a person with green spiked hair and numerous body piercings? Would you have your space shuttle designed by a person with a stethoscope that listens to your stomach all the time? Often, image is a very important part of a professional’s daily life.

If you have achieved your NAOSMM certification, you definitely are a professional scientific materials manager. If you have an advanced degree or special training, you are a professional. If you have held a job in this field for ten years or more, you are a professional. If you have attended one or more NAOSMM conferences, you are on your way to becoming a Professional Scientific Materials Manager.

CHEMICAL SPILLS

A REVIEW BY BOB LAHAIR

Mr. Smith is the Warehouse and Safety Manager for EM Science. A position he has held for 40 years, he manages a crew of 31 people. Mr. Smith started by informing the attendees that during his tenure at EM Science he has never had a spill....just unscheduled releases!

Mr. Smith presented a very informative and valuable seminar which covered many areas and things to think about when encountering a spill (or unscheduled release).

- Flammable Liquids, grounding and bonding when pouring and transferring these liquids.
- Combustible liquids, Corrosive liquids and solids, Unstable (reactive) chemicals,
- Highly reactive chemicals, Toxic and Poisonous chemical
- as well as other chemical hazards such as Pyroforic, Radioactive, and Household materials.

Probably the most important thing I think Mr. Smith was reminding all of us to do, is to think things through when encountering a spill to ensure the safety of ourselves and the people we work with, and to be sure we’re using the right products to contain and clean up spills quickly and efficiently. “Remember, think about what and how you are cleaning up.”

PANEL DISCUSSION:

BUILDING & RENOVATION, PART II

28TH NATIONAL NAOSMM MEETING, GRAND RAPIDS MICHIGAN

Submitted by: Janet Buswinka, University of Michigan

During the 2001 National NAOSMM Conference, a panel discussion was held to continue talking about problems encountered in constructing and renovating science buildings. This was the second meeting in an ongoing series, or as the panel moderator Jeff Your (John Carroll University) put it, "We'll do this until everyone has a new science building built". The two other panel members were Seth Ruskin (University of Arizona) and Jaque Cranston (South Dakota School of Mines & Technology), the meeting organizer.

The three panelists and many of the people in attendance are currently involved with building and renovation projects. The main topics of discussion were planning & construction, inspections and regulations, and post construction problems and words of wisdom.

PLANNING and CONSTRUCTION

Jeff Your presented a poster with plans for a large construction project at John Carroll University which will contain facilities for the science departments, science teacher education and incubator businesses connected to outside companies.

Seth Ruskin spoke about working with architects for a new building project and a completed \$2million update to an existing building. The update, which took four months to complete, has some architectural problems which they are trying to fix. Seth's advice, "It's very important to be involved with all stages of construction." Jack Novodoff of University of Michigan stressed the importance of an ongoing plan review operation.

Before beginning the \$31 million Biology and Chemistry building project at Utah State University, Glen Thornley toured several recently built science buildings and attended conferences for builders concerned with building science facilities. The university also hired a professional project planner whose first step was to interview the faculty and get their input. Two faculty members were also given time release to help with this interview process. According to Glen, "Planning is most important. Have someone that knows the needs and is involved in the process. Make sure the architect has done science buildings before!"

"Planning does pay", according to Melva Cain of University of St. Thomas, St Paul, Minn. They built their new four story science building two years ago. It has two stories above ground and two below, and houses most of the sciences. They hired experienced architects who had previously completed 30 similar projects. The architects sat in meetings with the various science departments, who then were able to add their refinements to their areas. They have had very few problems, but "just in case, they have a one year clause for corrections."

There was a brief discussion on the term "value engineering". Two definitions were given:

1. A construction firm must finish a project for a set amount of money. In reaching that goal, some changes in the project are negotiable, some items not.
2. Construction must be completed with an emphasis on energy efficiency.

Tamara Tayman of Montgomery College pointed out that allocating sufficient funds for a building project was an extremely important part of the planning. Underfunding is a common problem. The cost of building and new technology for science buildings is rapidly increasing. Moving into their new building was very costly and putting it off made it even more costly. By delaying the project five years the costs rose from \$7 million, to \$13 million, to \$18 million, to \$22million, to \$33 million.

It is never too soon to plan for a new building, even if you are in a new building!

INSPECTION AND CODES

Some states have building inspectors who come by during construction, but this is not a given. Universities most often supply their own. Arizona State has campus inspectors who were on site at all times. The cost for these on-site inspectors is often included in the construction costs.

(continued on page 12)

Diane Morris, (Bemidji State University, Minnesota) mentioned that her office in a stock room, 6 feet away from a hood might not meet code in some states, because egress is through a higher hazard area, which raised the question of what the Federal OSHA ruling is. The answer was not readily available but an important point was brought up. Litigation follows what is prudent and advisable, not what is required.

Heather McCollor (Macalester College, St Paul, MN) cautioned against eyewashes in hallways, a common practice. Code requires that all eyewashes are in labs and this would make floor drains in labs necessary. Floor drains, required by code to have self-filling traps, are very expensive and have often been given up in new construction. Some other code requirements mentioned: no obstruction within 100 feet of a door, no flammable storage underground, and hoods that run constantly except in emergency. With so many conflicting priorities, communication between all experts and inspectors is needed before starting engineering.

POST CONSTRUCTION PROBLEMS AND WORDS OF WISDOM

Glen Thornley's experience is that there is always need for follow-up in a new building and, therefore, it is very important to have allowances for changes included in the original contract. A "Liquidated Damages" clause should also be included. This sets a deadline for the project and a penalty or a reward for the finish time, including extension scenarios.

Making airhandling systems in an old building compatible with new a building can be a major problem. It is important to wait until the new building is complete before making the changes to the old building.

Architects always want "unique" but "unique" is costly. There is much more usable space if a building "isn't so pretty" but is square and serviceable.

Watch out for narrow corridors. Large equipment may fit through a doorway but if the corridor is not deep enough to allow a turn you may be in trouble. A case was cited where it became necessary to remove an entire wall to get two big freezers in.

Split doors in labs can be problematic. Proper security is very difficult, often requiring center columns to be retrofitted. These columns can cause problems when the building begins to settle and the jambs don't line up.

Lighting is very important. Proper lighting cuts down on mistakes.

Movable shelves can be a solution for smaller spaces but there are drawbacks. Rails on the floor are a tripping hazard. Sometimes you have to wait for one shelf to move before you can move another. The ceiling mounted, track system is cheaper than the floor mounted system, which can be very costly, but they cannot handle too much weight. Placing liquids on the ends where the shelf doesn't move helps to prevent some problems.

Because money was not an object, Carol Williams said that the University of Texas Medical Center designed a molecular biology research building where every bay in a lab has moveable benches. Now they can move equipment in and out without waiting for renovations. Jeff Your pointed out that this type of flexibility has to be balanced against high cost. If you are building a new 4-degree walk in, some nice features available are solid glass doors, UV lights to retard bacterial and mold growth, and stainless bins.

When it comes to metal vs. wood in cabinetry, opinions were varied.

It was agreed that roofs should never be flat because of the flooding problems.

According to Jack Novodoff, floor drains, sleeves on pipes and sheet rubber flooring provide good protection against broken pipes flooding the floors below.

A final word of wisdom from Phil Waite, "The stockroom is everyone else's lowest priority, so you must speak up."

A motion was passed to continue this discussion next year. It was suggested that there would be an emphasis on safety showers.

EMERGENCY MANAGEMENT IN YOUR COMMUNITY

Presented by Robert Ballard, Michigan State Police Emergency Management Division
Review by Adrian L. Adams, Ball State University

Emergency management is an organized and coordinated effort of local jurisdictions to gather and utilize resources needed to respond and recover from events that threaten the community, property, lives and environment. An emergency is an immediate, single event that a community responds to with its resources.

A disaster differs from an emergency in that it can be an immediate, multiple event that is beyond the local response capability. Improper or inadequate response to an event can lead to an emergency changing into a disaster.

Emergency management in your community consists of four phases. First, mitigation to lessen or reduce the chance of an occurrence or the effects of an emergency event. Second, preparedness of the responders by planning how to respond, testing that plan and increasing resources and training. Third, response through actions taken during and following the event by assisting victims and reducing secondary damage. Fourth, recovery by actions taken to return life to normal. Recovery can be both short term and long term .

To prepare a community emergency plan one must answer many questions. Among these are:

- Who will order an evacuation?
- Who will be in charge?
- What is your policy on looters?
- Who is responsible for protection of equipment?
- Who will provide accounting of personnel?
- Who is called when there is an emergency?
- Who orders the destruction of private property?
- Who is responsible for records, costs, etc?

When an emergency event occurs, the community should exhaust all of its resources in response to that event. Should the event develop to be beyond local response, then a disaster plan should be followed that asks for help from the state through the office of the governor of the state. The state in turn can ask the federal government for assistance through the office of the President of the United States.

The gathering and disseminating of information is vital. The information must be given to the correct people or group. Information must be verified; do not speculate! Never release injuries, deaths, or missing person information until it has been verified and disseminated through the proper channels.

An emergency plan should be reviewed and updated as needed on a continuous basis. The plan should be signed and dated when reviewed or updated. Test all plans, policies, and procedures...PRACTICE THE PLAN! Evaluate the results of the practice and make changes as necessary. Always communicate any change made to the plan to all effected people. Constantly reassess resource availability. Resources and funds can be diverted to alternate projects without notification given to the emergency response team.

The last thought that Mr. Ballard left for NAOSSM members was “ If you think it won’t happen HERE, think again.”



Robert Ballard

NOMINATION CRITERIA FOR OUTSTANDING SCIENTIFIC MATERIALS MANAGER

I. Eligibility

- A. Must be a regular member of NAOSMM
- B. Shall have a record of achievement unquestionable and sustained, of one or more of the following types:
 1. A contribution to the advancement of the profession.
 2. Distinguished operational, educational, or administrative activities.
 3. Participation in NAOSMM meeting programs or service on NAOSMM's board or committees.

II. Sources of Nominations may include:

- A. Immediate supervisor or administrator
- B. Other NAOSMM members
- C. Co-workers

III. Support material

- A. Nominator must convey clearly and completely in writing to the committee the qualifications of the nominee or nominees.
- B. A brief written job and activities list must be submitted for each nominee.
- C. Support letter from Supervisor at nominee's place of employment.

NOTE: The successful application will include a minimum of 4 letters from the workplace (i.e. boss, supervisor, peer, employee, "storeroom user", department head, PI, safety director, etc.) Support letters from NAOSMM members, Sales Representatives, and/or other persons who may know the nominee (minimum of 2 such letters).

IV. Evaluation

- A. The committee will evaluate the nominations based on the materials supplied under Section III and how this material fits into the role and scope of the Association. The evaluation will be made in a fair and equal manner, based on the merits of each nomination.

V. Additional Rules

- A. May not be applied for or proposed by a member for himself or herself.
- B. Nomination Applications must be "postmarked" by May 25 of each calendar year.
- C. Nominations are good for 2 years. At that time if the Nominee has not received the award, a new nomination may be submitted.
- D. The award will be presented at the NAOSMM banquet held each year at the Annual Conference.

NOTE: How can I get nominated when my supervisor doesn't even know about it? If I hand my supervisor the Criteria, am I nominating myself? The answer is NO.

Since most of your supervisors do not see the *Newsline*, you may make a copy of the criteria and letter to supervisors, set up a meeting and explain the award to your supervisor OR, you can contact the NAOSMM secretary and have her send material to your supervisor.

The deadline will be enforced!

MANAGER OF THE YEAR NOMINATION / LETTER FOR YOUR SUPERVISOR

Many of you are aware that each year your NAOSMM honors one of its members as the Outstanding Scientific Materials Manager of the Year. Historically, nominations have been made by other NAOSMM members. While some members have first-hand knowledge of the work performance, skills and accomplishments of other members, for most of us, the people who are best able to assess our worthiness to be nominated are our supervisors and co-workers "back home."

With this in mind, the Board and the Awards committee would like to offer a letter that you can present to your supervisor or other person you designate. We ask you to determine the best manner to do this. The Awards committee suggests the following approaches:

1. For those who like to take the direct approach- show this letter to your supervisor and ask him/her to consider nominating you if he/she feels you merit nomination.
2. For those who prefer a more subtle approach- place this NEWSLINE or the letter itself in your supervisor's mailbox.
3. For those who prefer complete anonymity- provide Elaine Scudder, NAOSMM secretary, with the name and address of your supervisor and she will mail a copy of the letter.

Many of us find it hard to "toot our own horns"- but maybe your supervisor or fellow employee is waiting for an opportunity to do it for you!

[SEE WEB PAGE FOR LETTER](#)

NALGE NUNC INTERNATIONAL PROFESSIONAL TRAINING FUND AWARD

The Nalge Nunc International Professional Training fund was established in 1987 by Nalge Company (now Nalge Nunc International) for use by eligible members of the National Association of Scientific Materials Managers (NAOSMM) to attend the annual national conference for the purpose of improving their professional management skills. Nalge Nunc International and NAOSMM hope additional members will be able to attend the annual conference with the help of these awards.

This fund will be divided into at least 6 non-repayable awards for regular NAOSMM members who receive little or no financial assistance from their employer. **Primary consideration will be given to those members who have never attended a NAOSMM Conference.** The award may be used to supplement partial funding provided by the employer or as “seed money” to encourage employers to match the award.

NAOSMM SEMINAR AND TRADE SHOW ATTENDANCE GRANT

The NAOSMM Seminar and Trade Show Attendance Grant was established in 1992 with the purpose of helping NAOSMM regular members attend the yearly conference and trade show by providing funding to help offset their conference travel & lodging expenses.

This Grant will be presented in addition to the Nalge Nunc International Professional Training Fund Award.

The NAOSMM Seminar and Trade Show Attendance Grant is funded primarily from *Newsline* advertising revenues and through donations from corporations or companies who wish to assist NAOSMM members who don't have financial support to attend the yearly Conference and Trade Show. These corporate or company donations will be combined into a single fund and distributed by the Awards Committee per established guidelines. The donating corporation or company cannot specify a donation for any NAOSMM member. The amount of the donation is at the discretion of each contributing corporation or company. Each year, NAOSMM will publish an alphabetical listing of the corporations or companies who contributed to this grant in the NAOSMM Seminar and Trade Show Program, *Newsline*, and NAOSMM Directory.

This fund will be divided into non-repayable awards and given to regular NAOSMM members who meet the established guidelines.

ELIGIBILITY CRITERIA FOR TRAVEL FUNDING

The following guidelines will be used by the NAOSMM Awards Committee to determine which applicants will be eligible to receive funding through either the Nalge Nunc International Professional Training Fund Award or the NAOSMM Seminar and Trade Show Attendance Grant.

1. Must be a regular NAOSMM member with current year's dues paid.
2. Must be currently employed at a stockroom/laboratory-related job or as purchasing agent of laboratory supplies by a university, college, private or corporate institution.
3. Current NAOSMM Executive Board members and Awards Committee members are ineligible.
4. NAOSMM members who receive full reimbursement (from their employer) for attending the conference are ineligible.
5. All applications postmarked/faxed by April 24 will be given first consideration for funding. Those applications postmarked/faxed after April 24 will be considered if funds become available.
6. Award amounts will vary per applicant's financial need and total funds available. Funds awarded are intended to defray lodging and/or transportation costs incurred by member's attendance.
7. A NAOSMM member may NOW REQUEST FUNDING EVERY YEAR. (However, those applicants that did not receive funding in the prior year will be given first priority.)
8. Any NAOSMM member receiving this award must attend at least 3 of the 4 days of the Conference. (Example: Monday-Wednesday or Tuesday-Thursday.)
9. Recipients of an award will be notified of the amount funded during the first part of June (sooner if possible).
10. All recipients will receive their award (check) at the Annual Conference Banquet. Awards recipients will be listed in the conference program, *Newsline*, and NAOSMM Directory.
11. Any NAOSMM member who meets these guidelines is encouraged to complete the application and return it with the requested paragraph to the Awards Committee Chair by April 24 for consideration.
12. **Travel Award recipients are required to itemize and submit their expenses to the Awards Chair no later than 2 weeks following the Conference.**

NATIONAL ASSOCIATION OF SCIENTIFIC MATERIALS MANAGERS

APPLICATION FOR TRAVEL FUNDING 2002

Name _____ Title _____

Business Address _____

Phone (____) _____ Ext _____ Fax (____) _____

Email _____

Approximate cost of lodging \$ _____ Number of hotel nights? _____

Remember it may be possible to share a room—contact Karen Miller 801-626-7185 or Barbara Hontz Moss 570-941-7558

Approximate cost of travel \$ _____ Method of Travel? air//car//other _____

- Employer will provide this amount (toward lodging and/or transportation
– **do NOT include** funding for meals) _____ Total \$ requested? \$ _____
- No funds provided by Employer _____ Total \$ requested? \$ _____

Total number consecutive years of dues paying membership in NAOSMM (including present year) _____

Is this your 1st Conference? yes//no Have you received travel funding in the past? yes//no

If you have received travel funding in the past, please list which years you have been funded.

Are you serving on a Committee? yes//no If so, which one, and for how long? _____

Are you Speaking and/or helping at the Conference? yes//no Explain. _____

Name of Immediate Supervisor _____

Phone (____) _____ Ext. _____

Required to receive consideration for travel funding:

- I would like to attend the NAOSMM Annual Conference. I have received approval for enough time off (vacation, professional training, etc) to enable me to be present at the Conference for at least 3 of the 5 days of the Conference.
- I have attached a paragraph detailing why I want to come to the Conference and/or how I think attendance will benefit me.
- I agree to provide the Awards Chair with an itemized account of my travel and lodging expenses no later than 2 weeks following the Conference.

Notification of award funding:

- Email notification of award amount is fine **OR**
- I need a formal letter stating the award amount

Name and Institution as you would like them to appear on an award plaque or certificate

(PLEASE PRINT): _____

Signature _____ Date _____

NAOSMM Member

Signature _____ Date _____

SUPERVISOR

Questions? Call Seth Ruskin (520) 621-1292 phone & fax or ruskin@u.arizona.edu

Eligible applications **postmarked/faxed by April 24** will be funded from either the:

Nalge Nunc International Professional Training Fund Award

OR the NAOSMM Seminar and Trade Show Attendance Grant.

Mail (or fax) applications to: Seth Ruskin, University of Arizona, Chemistry Department, Tucson, AZ 85721-0041



PROGRAM REPORT

Sherrill Wolf
Chairman-Program Committee

Has it been almost six months since we met at Grand Rapids? The program committee has been busy working to put in place an award-winning program for St. Louis. The theme this year is "Gateway to Excellence". We have tried to draw upon the events of the past few months as a basis for some of our conference programs. Although all the details are not worked out at the time of this article, it is hoped that we will have a speaker on Bioterrorism and another presenter who will demonstrate a device capable of detecting Anthrax. Both of these topics will be around for a long time and should created a lot of interest. You might not only want to ask your supervisor can you attend this meeting; but you might want to bring your supervisor with you.

Also the committee hopes to have a speaker from BOCA. For those of you not familiar with BOCA it was founded in 1915 and is dedicated to the pursuit of public health, safety and welfare. Building Officials and Code Administration International (BOCA) is a cofounder of the International Code Council (ICC), which created a single set of codes for use in America and the world. This organization promotes excellence in code enforcement and building construction industry profession. This program will be a compliment to our Building Planning/Renovation Part III program which will be conducted by Jeff Your.

This year we are going to have a slight modification to our normal routine. On Monday afternoon buses will take us to Sigma-Aldrich for two sessions in their new Life Science Center. Buses will run between the two sessions in case someone does not want to stay for the second session. Cocktails and

hors d'oeuvres will be served after the second session and we will arrive back at the hotel in ample time to attend the NAOSMM reception. This should set the tone for our entire week.

We need some volunteers for Jeff Your's session on "Building Planning/Renovation Part III." People are needed who will bring posters or make a PowerPoint presentation of their construction plans. Please e-mail Jeff and copy me if you can assist with this program.

As it stands currently the program is full; but something could change at the last minute. I have already had to make some adjustments.

Congratulations to Ms. Teresa Robertson, Chemical Hygiene Officer at California State University, Bakersfield, who has accepted the job as co-chairperson of the Program Committee. She has also agreed to be a presenter at St. Louis.

Finally I want to have a contest which might actually turn into a session. I would like for you to send me by fax, e-mail or first class mail what has changed in your work environment since September 11th. What new regulations do you now have that were not in place prior to September 11th. The person sending the best article will receive a prize. A panel will make the final decision. Actually if I receive enough responses, this might turn into a session with some of the articles being discussed at the meeting. Please submit your material to me by January 31st. Perhaps the winning piece can be published in the *Newsline*. Good luck.

HIGHLIGHTS:

- SESSIONS AT SIGMA ALDRICH
- BUILDING PLANNING/ RENOVATION
- WHAT HAS CHANGED IN YOUR WORK ENVIRONMENT SINCE SEPTEMBER 11

CONTEST

FAX:

901-448-8747

E-MAIL:

SWOLF@UTMEML.UTMEM.EDU

ADDRESS:

UNIVERSITY OF
TENNESSEE/MEMPHIS
GENERAL STORES
800 MADISON AVENUE
MEMPHIS, TN 38163

2002 NAOSMM NATIONAL CONFERENCE

“GATEWAY TO EXCELLENCE”

A winter's warm welcome from St. Louis and the Host Committee

Here is an advance welcome to all NAOSMM members, from St. Louis, the “Gateway to the West”, on the banks of the mighty Mississippi—home of the Cardinals, Rams, and Blues. During these long, cold winter months, we “warmly” invite you to come to next summer’s 29th annual conference—“Gateway to Excellence”—July 28th through August 2nd, and share our heat and humidity and our “Ted Drewes” frozen custard, too!

Conveniently located downtown, the Millennium Hotel in the shadow of the Arch puts you in easy reach of many St. Louis attractions. Enjoy our Forest Park (with the nationally acclaimed zoo, art museum and science museum), Laclede’s Landing, Union Station, Shaw’s Botanical Garden, the Anheuser-Busch brewery with the famous Clydesdale horses and their ornate stables. Plus, schedule permitting, the excitement of Cardinal baseball in Busch Stadium!

The Millennium Hotel has recently renovated their stylish and spacious guest rooms. Many rooms provide exceptional views of the Mississippi River and the Gateway Arch. You can work out in their fully equipped fitness center, or keep trim with a swim in the indoor or outdoor pools. The room rates for NAOSMM attendees will be \$115 per night

(single and double occupancy), and \$135 per night (triple and quad occupancy). Parking will be available at a garage directly connected to the hotel by an enclosed walkway for a reduced rate of \$6.00 per day.

On the hotel’s 28th floor, you’ll find the “Top of the Riverfront”, the city’s only revolving restaurant; enjoy spectacular St. Louis vistas along with classic American cuisine and the most popular Sunday brunch in town. For more casual fare, try the Fourth Street Grill, or keep moving with a quick bite at the deli-style Park Café featuring Pizza Hut Express. When it’s time to unwind, join old friends or make new ones in Martini’s Bar.

St. Louis is a major air travel hub and lies at the nexus of I-44, I-64, I-70, and I-55 making it an easy-to-reach destination. The hotel is 13 miles from Lambert Airport, and round-trip shuttle service is \$18.

Make sure you “Meet Us In St. Louis” July 28th through August 2nd!

For more information please check out the following websites:

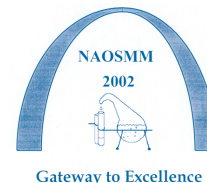
www.millennium-hotel.com

www.explorestlouis.com



2002 Conference Host Committee

SUNDAY AND FRIDAY TOURS INFORMATION FOR THE 29TH ANNUAL NAOSMM CONFERENCE



SUNDAY TOUR We hope you have already decided to join us for next year's conference in St. Louis. Just in case you are still debating, perhaps we can win you over by letting you know about some of the planned activities. For starters, we'll be offering a tour of Missouri's wine country on Sunday 28 July 2002. We are hoping to leave the hotel some time near 11 that morning to take you out west to the Missouri river valley area where Immigrants from Germany's Rhine created America's first wine district many years ago. During the past ten to fifteen years, Missouri wines have gradually come to be perceived as equivalent to or better than established California and other fine American wines. You'll be able to come to your own conclusion, after the tour's completion, which will include visits to four wineries. At each stop, you'll be able to sample an astonishing variety of wines, nibble on snacks, and even enjoy live music. In addition, this activity will feature a catered lunch at the first winery on our itinerary. The return to the hotel is planned for about 5 that afternoon.

FRIDAY TOUR While some of the activities during the week of the conference itself are still pending, we have decided that we need to give everyone a good look at some of the obvious and not so obvious St. Louis attractions after all the serious business of the annual meeting is done. Friday, Aug. 2nd, we'll start with a short walk from the hotel to the breathtaking gateway arch at around 10 that morning. The structure, completed in 1965, reaches 630 feet into the sky, and is a symbol of pride for every

St. Louisan. Once at the arch grounds, you'll have your choice of riding the arch tram to the top for a most fabulous view of the metro area, visiting the amazing museum of westward expansion, located underneath the arch grounds, or viewing "monument to the dream", a compelling film documentary about the engineering and construction of the truly magnificent gateway arch. We'll continue with a bus trip to St. Louis' biggest micro brew pub for a hearty lunch and the freshest suds in town, all in the unique setting of a beautifully restored old warehouse style building. Following lunch, the bus will take us to "Ted Drewes" for dessert where you can get the same frozen custard many were able to sample at the St. Louis booth during the Grand Rapids Conference & Trade Show.

To round out the excursion, we'll pay a visit to the world's largest Brewery, Anheuser Busch, located just south of downtown St. Louis. During our time there, we'll tour the historic 100 acre plant, which will, among other things, feature the Anheuser Busch Clydesdale's paddock and stable, the beechwood aging cellars, and everyone's favorite, the hospitality room. We certainly hope that you'll have an opportunity to partake in at least one of these planned activities - and keep your eyes peeled for forthcoming details about our other exciting plans of things to do in and around St. Louis.

Respectfully,
The Host Committee

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HOSPITALITY COMMITTEE REPORT

*Hospitality Committee Chair
Barbara Moss
Karen Miller*

Well folks, here we are preparing for yet another NAOSMM conference already! The hospitality committee wants to remind everyone, but especially the new members, that there is travel money available for the conference. Get your applications in early to increase your chances of getting funded. If you have any questions about the process, please feel free to contact either Barbara (mossb2@scranton.edu) or Karen and we will be happy to get the information to you. Also, we will be running the room share program again this year, so if you are interested in participating, please contact Karen Miller at 801-626-7185 or KMILLER3@weber.edu. We will do our best to match up individuals based on smoking preferences and such. This is a great way to defray the cost of attending the conference.

If there is anyone out there looking for something to do with their time, we could always use members on the hospitality committee. It is a great way to meet new members as well as getting to know our "NOTY" members a little better.

We hope your holidays were peaceful and fulfilling. As always, comments and suggestions are always welcome. Looking forward to seeing a record number of you in St. Louis!

SITE SELECTION COMMITTEE REPORT

*Site Selection Chair
Glen Thornley*

Planning for future conferences has begun for Portland, Oregon in 2003 and for Philadelphia, Pennsylvania in 2004. It is time now to begin our search for a site for 2005. The Southwest is the region we are looking at with several good possibilities for our site.

Reno, Nevada and Scottsdale, Arizona, for example, are inexpensive sites with many potential hotels. They also offer many attractions in their areas.

CONSIDER HOSTING! While there is a certain amount of work involved, prior hosts will tell you that it is a fun and rewarding experience. The hosts for 2003 and 2004 have done it before and have agreed to do it again. You don't have to live in the city selected, but you do need to live close enough that you can visit the hotel and site city 3-4 times to tie up loose ends, etc. Much of the job can be done via phone and email. The Board and prior hosts provide plenty of guidance and help. If you have a good idea for a location and are willing to host, please call me.

Now is a good time to get this underway. The current economy makes hotel sales people extra eager to sign us up at a good price.

SPECTRUM'S WINTER

SUPER SPECIALS

SPECTRUM[®]

Chemicals & Laboratory Products



Sterile Petri Dishes

Size (mm)	Type	Gly/Inner Pack	Gly/Case	Catalog No.	Case
Standard (unmodified) dishes					
60 x 15	semi-stackable	20	500	64PDS	37.00
100 x 15	slippable	20	500	64PDA	27.00
100 x 15	semi-stackable	20	500	64PDB	27.00
100 x 15	tully-stackable	24	600	64PDC	33.00
150 x 15	slippable	20	100	64PDL	24.00



Spectrum's Own Tie-Dye Lab Coal

Catalog No.	Each
20TDL	39.00

Size Chart for Tie-Dye Lab Coals

S	M	L	XL	XXL
36	40	44	48	52 - 54

MICROFLEX Evolution One[®] Powder-Free Latex Exam Gloves



Microflex No.	Catalog No.	Box of 100	Case of 1000
EV-2050-XS, S, M, L, XL	10MEV	7.35	63.75

Silver Nitrate

S1085	Silver Nitrate, Crystal, Reagent . . . 500 g	99.00
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Abeouch[®] Nitrile Powder-Free Exam Gloves



Size	Gly/Box	Gly/Case	Catalog	Box	Case
Nitrile S, M, L, XL	100	1000	10MAH	8.75	81.00
Latex XS, S, M, L, XL	100	1000	10MAL	6.00	53.75
Vinyl S, M, L, XL	100	1000	10MAV	5.50	52.50

KIMAX[®] Disposable Pasteur Pipettes Kimax 51 borosilicate glass

Outside Dia mm	Approx Length in.	mm	Kimble No.	Catalog No.	Pkg of 250	Case of 1000
7.5	5.75	146	72050-575	980PI	6.90	25.00
7.5	9.0	229	72050-900	980PJ	7.90	29.00

KONTES[®] NMR Pipets

Description	Gly/Pkg	Catalog No.	Pkg.
7" tip	100	96HHA	42.00
9" tip	100	96HBB	45.00



Kaydry[®]



Kimwipes[®]

Kimwipes[®]

Wiper Size in.	Gly/Box	Boxes/Case	Kimberly-Clark No.	Catalog No.	Box	Case
4 1/4 x 8 1/4	280	60	34155	31KW/P	2.50	79.50
15 x 17	140	15	34256	31KEM	7.50	59.50

Kaydry[®] Extra Low-Lint Wiper

Wiper Size in.	Gly/Box	Boxes/Case	Kimberly-Clark No.	Catalog No.	Box	Case
12 x 12	119	15	34705	31KAE	5.25	60.00
15 x 17	90	15	34721	31KAD	9.50	62.50

Prices valid through February 28, 2002. Please specify NA0102 when ordering.

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