

SLA Chemistry Division E-Newsletter

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April 2008

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MESSAGE FROM THE CHAIR

SUE CARDINAL

Hello from Rochester, NY on a drizzly spring morning. I've been immersed in preparing for the SLA Seattle Conference in June, and I hope that you will be able to attend. I am overwhelmed with the enthusiasm and conscientiousness of our volunteers, and the program will be excellent. The schedule and a description of the events have been posted on the Chemistry Division website at <http://units.sla.org/division/dche/2008/schedule.htm>. Conference details are still being finalized, and the most current information can be obtained from the online personal planner at <http://www.sla.org/content/Events/conference/ac2008/index.cfm>.

This year's conference will be "greener" with many handouts posted online before the conference for you to preview and perhaps print out. We hope this will save some paper.

We are offering three information packed CE courses: Diving into Patents; Chemistry for the Non-chemist Librarian; and Chemical Information Resources, Requests and Reference.

The social events will be fun, with our annual No-Host dinner at the McCormick & Schmick's Seafood Restaurant. Contact Yan He at yh83@georgetown.edu if you want to attend. We invite first-time conference attendees and new division members to join the Chemistry Board at our Newcomer's Lunch, sponsored by SRI Consulting. Contact Ben Wagner at abwagner@buffalo.edu for more information. Finally, all are welcome to experience speed networking (like speed dating) and live music at the Speed Networking Reception, sponsored by ACS Publications. This is going to be fun. The more the merrier!

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The Editor welcomes readers' contributions. Items wanted include: Articles of interest to the community of chemistry information specialists, book reviews for new reference materials, citations for new journals, accomplishments & accolades for the Members' Corner and website recommendations for "Beyond the Chemistry Web..." If you have something you would like to contribute, please contact the Editor or send it via e-mail as a text file or Word document.

July issue copy deadline: *July 2, 2008*

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If you are interested in volunteering, we are looking for a moderator for the Materials Science Resources Forum on June 18th. Also, we will be looking for a Sponsorship Chair for 2009.

Finally, come celebrate the success of two of our members. Dana Roth will be inducted into the SLA Hall of Fame at the Opening General Session and Awards Presentation on June 15th, and Bing Wang will be awarded a 2008 Diversity Leadership and Development Program Award at the DLDP Breakfast on June 17th.

Thanks to our sponsors: Elsevier, Nature, SRI Consulting, ACS Publications, Royal Society of Chemistry, Wiley, Chemical Abstracts Service, and Thomson Scientific. We could not do this without you!

As always, if you have comments, questions, or suggestions, feel free to email me at scardinal@library.rochester.edu. ❖

FROM THE EDITOR'S DESKTOP

The Annual Meeting in Seattle is quickly approaching. In this newsletter, you'll find ideas about things to do in Seattle from Susanne Redalje at UW and this year's conference schedule. Related to the session on nanomaterials, Bob Buchanan put together a collection of websites on nanoscience. Learn more about this year's Sparks and ACS Publications Awards winners, Margaret Smith and Carrie Newsom. Don't hesitate to contact us with suggestions or questions about this newsletter or future ones! ❖

Meghan Lafferty and Kevin Lindstrom



A NOTE FROM THE CHAIR-ELECT LURAY MINKIEWICZ

As the seasons change once again, I am reminded how we are constantly dealing with change. Those of us in the northern hemisphere may be anxiously waiting for the current seasonal change to spring and warmer temperatures, while others in the southern hemisphere may (or may not) be looking forward to seasonal changes which mean less daylight and perhaps cooler temperatures. Change is a fact of life and is necessary for growth and progress.

I have been in the information profession long enough to have seen many changes and transitions already, and yet, it seems sometimes that the rate of change is only accelerating. At the SLA Annual Conference in Seattle, we will have a chance to embrace the change that helps us grow and develop through:

- networking (try Speed Networking during the Monday night Reception!)
- attending sessions that can
 - exhilarate us (like the Science of Coffee on Monday morning!)
 - jump-start our adaptation to the changes confronting us and our profession (anyone for Hot Science Technologies also on Monday or the Materials Science Vendor Roundtable on Wednesday?).

Let's take advantage of these and the many other opportunities for growth at the SLA Conference.

The Chemistry Division's 2009 Planning Team is also continuing the planning process for the next conference. The team has initiated a wiki, hosted by SLA, for capturing our ideas and workflow. We would still appreciate any program ideas you may have. Please send them to any of us listed below.

Susan Makar, 2009 Conference Planner at susan.makar@nist.gov

Cathy DiPalma, MRM Section 2009 Program Planner at cathy.dipalma@saint-gobain.com

Luray M. Minkiewicz, Chair-Elect at luray.m.minkiewicz@usa.dupont.com



JOIN US FOR SUMMER IN SEATTLE

SUSANNE REDALJE

I hope to see you all here in June for the SLA meeting where you really will see that the bluest skies you've ever seen are in Seattle. At the moment, I agree with that statement, but when I was first formulating this article, it was snowing. Snow in late March may seem normal to many of you but for those of us here, it was very, very strange. Even on the second of April, I had to scrape ice off my windshield. So, what will it be like in June? I make no predictions. However, a quick look at the Seattle Wiki (<http://wiki.sla.org/display/SEATTLEATTEND/Seattle+FAQ>) put together by the Pacific Northwest (PNW) Chapter might provide some clues. Average precipitation in June is 1.49" (Statistical Abstract of the US). The PNW Chapter Wiki provides useful information about Seattle and how to spend your time between meetings. (One point missing from the FAQ is the fact that Seattle was the site of the first officially rained out NBA game. See http://www.historylink.org/essays/output.cfm?file_id=7860 for this and many other interesting facts from Washington and Seattle history.)

Seattle has a lively downtown area, and there is something generally to do even on Sundays which can be difficult in some downtown areas. Note that we seem to have trouble keeping places to eat open after midnight so plan ahead if you have a tendency to want midnight snacks. One classic Seattle restaurant which might fill the bill recently reopened after over a month of remodeling. The 13 Coins Restaurant has been part of the Seattle nightlife since 1967, and it is open 24 hours.

There is no shortage of good food downtown, so it's doubtful you'll leave the city hungry. The Wiki provides a list of good restaurants large and small as well as information on making reservations and the green conference initiative (<http://wiki.sla.org/display/SEATTLEATTEND/Restaurants>). Another good source of restaurant information is <http://www.kirotv.com/restaurants/index.html>. You can easily search by neighborhoods or type of cuisine. "Downtown" neighborhoods to consider are Belltown, where most of the hot new restaurants are located, Pike Place Market, Pioneer Square, and the International District. All have good choices and are relatively near the convention center though not necessarily within walking distance. Keep in mind that Seattle is one of many cities centered around the concept of 7 hills. A little walking up and down these hills will help take off some of the calories you just ate. Buses downtown are free.

Here are a few of the sights you might want to see. The Olympic Sculpture Park (<http://www.seattleartmuseum.org/visit/OSP/default.asp>) is new and definitely worth a look. Pike Place Market is a great place to walk around whether you have a few minutes or a few hours. A tour of Pioneer Square and the famous underground tour (<http://www.undergroundtour.com/>) will introduce you to the history of Seattle. The Wiki provides links to many other sources of entertainment in Downtown and further afield if you have more time. Of course, you are all invited to check out the University of Washington Chemistry Library, definitely the highlight of your trip! The Emerald City awaits and hopes you all will have a great conference and a lot of fun while you are here. ❖



NEWS FROM THE MRM SECTION CHAIR

NORA K. STOECKER

Hello again! In this column I'd like to acknowledge a number of MRM Section members. I'd like to begin by thanking MRM members who volunteer their valuable time on behalf of the division and the section.

Please thank **Earl Mounts**, Alcoa Technical Center, who drafted the MRM Section strategic plan last year and who is also serving this year as the MRM Section liaison to the Chemistry Division Awards Committee. Earl also volunteered to serve as moderator at the Materials Science Resources Forum, the MRM session at the SLA conference. **Tracy Landfried**, Army Research Laboratory, also offered to serve as moderator. Thank you, too, Tracy. With five presenters and limited time, I welcome the assistance of both!

I would also like to acknowledge **Cathy DiPalma**, Saint-Gobain Norpro. Cathy is the 2009 conference planner for MRM (see you in DC!). Cathy is also in line to accept the MRM chair position for 2009. She represented me at the January Leadership Summit in Louisville, which was very helpful! In her report at the Chemistry Division board meeting, Cathy noted that the 2009 conference planning team is working with the idea of "going green." Other ideas under consideration include a materials digital library workshop, a session focused on moving from cyber infrastructure to cyber discovery in materials science, and the international materials research network. There are good connections to the future with the role of materials in energy, healthcare, transportation, etc. Also, MRM and the Chemistry Division plan to take advantage of the presence of NSF and other government agencies in the D.C. area.

The other members of the Board deserve recognition, as well. They are Past Chair **Betsy Aldridge**, PACCAR; Associations Liaison **Carol Tower**, SME; Membership Chair **Bette Finn**, Georgia Institute of Technology; and Nominations Chair **Marty Rhine**. On a side note, **Betsy Aldridge** has recently been a reviewer for the Society of Automotive Engineers (SAE International) as they and Factiva develop an automotive/commercial vehicle/aerospace thesaurus for resources. Betsy says her role is to "determine if the list is accurate and comprehensive for commercial vehicle technologies."

I'd also like to welcome several recent new members to the MRM Section.

Jack Bashian, Smithers Rapra Press

Dr. Brian Bridgewater, Rohm and Haas

Jennifer Groff, Clemson University

Richard Mansfield, Air Force Research Laboratory

Finally, I'd like to invite you to the MRM Section conference program, "Materials Science Resources Forum," on Wednesday, June 18 from 12:15 – 1:45 pm. I'm pleased to welcome representatives from ASM International, CSA ProQuest, Elsevier, Springer, and STN-Fiz Karlsruhe. Each will have the opportunity to tell us about their new materials-related products, but I envision the bulk of the session being devoted to either case-studies or other discussions of the value-add for research librarians and end-users. The moderators and I will work hard to ensure plenty of time for audience interaction, too.

Warm regards,
Nora K. Stoecker ❖



BEYOND THE CHEMISTRY WEB...

BOB BUCHANAN

This month's column is all about nanomaterials from pure science and commercial applications to the social issues of health, safety, and the environment.

Science of Nanomaterials

nanowebtech.org supplements the new Institute of Physics journal *Nanotechnology*. Except for articles from *Nanotechnology*, this multidisciplinary site is free after you create a user profile. The strength of this site is news, articles, and products that support research.

<http://nanotechweb.org/cws/home>

Sponsored by the Network for Computational Nanotechnology, **nanoHUB** provides teaching and simulation tools for the nanosciences, nanoelectronics, NEMS, and their application to nano-biosystems. The simulation tools are free but require registration. This is a good site to find educational materials.

<http://www.nanohub.org>

Nanowerk offers the nanomaterials database with 900 products from 130 suppliers. It also provides information such as Nanowerk Spotlight (a daily nanoscience article), news feeds, and nanotechnology resources such as nanoLinks (a directory of academic and commercial organizations), events calendar, report library, video library, periodical directory, and a section for "neat stuff."

<http://www.nanowerk.com>

Nanoforum.org is a portal for nanotechnology-related news, events, organizations, publications, and resources. Although this site is aimed at the European community, information about nanotechnology crosses national boundaries. A nifty feature is the ability to narrow topics like news, organizations, and events to fifteen sub-categories such as Chemistry & Materials, Safety & Environment, Consumer Products, and Society Issues.

<http://www.nanoforum.org>

The **National Nanotechnology Initiative** (NNI) coordinates research and development of nanotechnology sponsored by U.S. agencies. Its topics include science, health, the environment, economic benefits, grants, and public policy. The range, depth, and currency of this site are uneven, but it is worth a visit.

<http://www.nano.gov>

Health, Safety, & Environment-Related Nanomaterials Issues

Supported by the National Institute for Occupational Safety and Health (NIOSH), the **NIOSH Nanotechnology: Nanoparticle Information Library** offers a databank on nanoparticle properties, news, and links to other nanotechnology resources.

<http://www2a.cdc.gov/niosh-nil/index.asp>

A cooperative effort of industry, academics, governments and non-government organizations, the goal of the **International Council on Nanotechnology (ICON)** is to "develop and communicate information regarding potential environmental and health risks of nanotechnology ... while maximizing societal benefit."

<http://icon.rice.edu/index.cfm>

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PROFESSIONAL FOCUS: MARY ELLEN BATES

INTERVIEW BY SOPHIA GUEVARA, MLIS

1. For those unfamiliar with you and what you do, can you provide a professional description of yourself?

I provide business research for business professionals and special librarians, and training and consulting services to the information industry. I founded Bates Information Services (BatesInfo.com) in 1991 and cannot imagine a better job.

2. How did you get started in the information field?

I stumbled into libraries and database management in the late 1970s purely by accident and realized that I really enjoyed the profession. I received my MLS from the University of California Berkeley in 1981 and worked as a librarian in a law firm, the federal court system, a research company, and a telecom company before starting my own research business.

3. With only a handful of librarians pursuing entrepreneurship, how did you decide to make the jump? What are some lessons you have learned from the experience?

I decided to give up the tedium of a steady paycheck for a couple of reasons. First, I'm a terrible manager, and I realized that my professional progress would require even more management of people. I also got tired of getting the same research requests again and again. I looked at what I enjoyed doing and do well – research – and realized that I could make a career out of just that, without the need to manage people, attend innumerable meetings, and deal with internal politics. What finally tipped the balance was a boss who required “pre-meeting meetings.” I realized then that I truly wasn't cut out for a corporate job.

As for what lessons I've learned as an independent, the most important ones are:

* You can do anything, if you are willing to experience uncertainty and the risk of failure. I've learned that I can accomplish a lot, if I just push myself slightly past the point of comfort.

* The community of info-entrepreneurs is tremendously supportive and collegial. My membership in the Association of Independent Information Professionals (aiip.org) has enabled me to thrive as an entrepreneur, and I have received an enormous amount of advice, counsel and encouragement from fellow AIIP members. (Not to mention, I have met some of my best friends through AIIP.)

* The information profession is one of the best professions to be in, particularly now. I think of what librarianship was like in the 1970s, and see how much it has changed over the decades. I can't imagine a better career; I feel that info pros are superbly positioned to thrive and grow in the information economy, and I'm tremendously grateful that I fell into a profession that is so well-suited for a changing environment.

4. As search technology continues to improve, do you think it will ever replace the librarian? If not, what influence will it have on the future role of the information professional?

The information profession isn't composed of *searchers*; it is composed of people who understand how to find, organize, analyze, manage and disseminate information. If we limit our self-perception to being finders of information, we're doomed. If, on the other hand, we focus on what unique skills and abilities we bring to our organizations, then we will always have a valued role within the organization.

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2008 MARION E. SPARKS AWARD WINNER: MARGARET SMITH

CORY CRAIG

Margaret Smith is currently working as the Physical Sciences Librarian at the New York University Bobst Library, in New York, NY. Ms. Smith is also enrolled in the Library and Information Science Masters Program at Syracuse University, with her degree expected in May 2010.

DCHE will present Margaret Smith with a \$1500 check and award certificate to support her attendance at the 2008 SLA Annual Conference. Presentation will take place during the DCHE Annual Business Meeting & Breakfast in Seattle on Tuesday June 17th. Look for Ms. Smith's "Conference Impressions" article in the SLA Chemistry Division Newsletter after the conference.

The Sparks Award is named to honor Marion E. Sparks, a pioneering and influential chemistry librarian who worked at the University of Illinois from 1913 through 1929.

WINNER PROFILE

NAME: Margaret Smith

OCCUPATION: Physical Sciences Librarian at Bobst Library, New York University

WHAT I CONSIDER MY GREATEST ACCOMPLISHMENT: Organizing and promoting a sold-out Negativland show. I am really proud of my time as the station manager for my college radio station.

IF I WEREN'T IN MY CURRENT POSITION, I'D BE: an intellectual property lawyer who specializes in fair use or an archivist and preservationist for sound and moving images.

I DECIDED TO GO TO LIBRARY SCHOOL BECAUSE: I was really interested in the politics of information, particularly since the advent of the internet. I also love helping people solve problems.

THE ONE THING I REALLY LOVE TO DO AT WORK IS: answer challenging reference questions (especially over instant messenger).

I AM A MEMBER OF SLA BECAUSE: that's where all the physics and chemistry librarians hang out, and they are a really smart and helpful bunch of people.

MY FAVORITE WEBSITE: [AskMetafilter](http://askmetafilter.com) (ask.metafilter.com) is my favorite website. It's where members of the [Metafilter](http://metafilter.com) online community ask and answer a huge variety of questions. It's a reference librarian's dream!

BEST VACATION I'VE EVER TAKEN: For my 30th birthday, I went to Hawaii and went snorkeling for the first time. I ate a whole chocolate macadamia nut pie.

LAST GOOD BOOK I READ: The Curious Incident of the Dog in the Night-time by Mark Haddon

FAVORITE ACTIVITY: Chatting with friends online, taking road trips.

FAVORITE FOOD / FOOD GROUP: Chips and queso, with frozen margaritas.

PETS: Two mean fat cats.

**2008 ACS PROFESSIONAL DEVELOPMENT AWARD WINNER:
CARRIE NEWSOM**

Ms. Newsom is currently working as an Assistant University Librarian at the University of Florida, Marston Science Library. She obtained her Master of Science degree in Information Studies at the University of Texas at Austin in 2005. She has a Bachelor of Science degree in Botany.

[ACS Publications](#) will present Ms. Newsom with a \$1500 check and award certificate to support her attendance at the 2008 SLA Annual Conference. Presentation will take place during the DCHE Annual Business Meeting/Breakfast in Seattle on Tuesday June 17th. Be sure to look for an interview with Ms. Newsom in an upcoming issue of ACS Publications' Librarian Resource Center [LiveWire](#).

DCHE would like to thank ACS Publications for their generous sponsorship of this award!

WINNER PROFILE

NAME: Carrie Newsom

OCCUPATION: Chemistry, Chemical Engineering & Materials Science Librarian at the University of Florida

IF I WEREN'T IN MY CURRENT POSITION, I'D BE: Traveling and eating throughout the world!

I DECIDED TO GO TO LIBRARY SCHOOL BECAUSE: I thought I would be good at organizing and finding information.

THE ONE THING I REALLY LOVE TO DO AT WORK IS: Edit manuscripts.

I AM A MEMBER OF SLA BECAUSE: The chemistry division is extremely active.

MY FAVORITE WEBSITE: <http://www.epicurious.com>

BEST VACATION I'VE EVER TAKEN: I love all vacations. So far this year I've gone to France and the Florida Keys.

LAST GOOD BOOK I READ: Mark Bittman's How to Cook Everything Vegetarian (though I'm still not done with this book I've already found some great ideas).

FAVORITE ACTIVITY: Cooking & eating.

FAVORITE FOOD / FOOD GROUP: Chocolate or seafood. It is too hard to decide!

PETS: 1 cat - Gecko.

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The Illinois Institute of Technology's **Center on Nanotechnology and Society**, at Chicago-Kent College of Law, focuses on the social aspects of nanotechnology: ethics, law, public policy, and business. The site includes links to similar organizations.

<http://www.nano-and-society.org/>

For an overview of the risks and benefits of nanotechnology, visit the **Center for Responsible Nanotechnology**.

<http://www.crnano.org> ❖

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Information technology enables us to perform our jobs better – the more tools we have at our disposal, the better we can practice our profession. Just as accounting software has freed up CPAs from being glorified calculators and LexisNexis allowed lawyers to conduct more efficient legal analysis, so the search and analysis tools at our disposal will give us more time to do what we do best – helping our organizations make better decisions.

5. How can special librarians emphasize their value within their organizations?

The most critical skill that special librarians need is the ability to add value to information. If all we do is rip and ship, we are virtually begging our organization to outsource our jobs to the lowest-cost provider. What we bring to the table is our understanding of the information environment – all the resources available and how to best use each of them – as well as our skills in analyzing and synthesizing information so that it can be put to best use.

6. What tips do you have for those who have to deal with clients and leaders that assume everything is on Google?

I'm not convinced that IAOTWFF (It's All On The Web For Free) is as prevalent an assumption as it was a few years ago, and it is our job to educate our clients and leaders about what we really do. One way to accomplish this is to always surface the resources we use when we conduct research – list all the online services used, the web-based databases searched, the experts interviewed, and so on, for each project we work on. Another way to show our clients what we do is to *lead* initiatives within our organization to bring Web 2.0 tools into the workplace, to create ways to collaborate and share expertise, and to give clients the resources they need to manage information.

7. How do you keep yourself informed about changes within the information field? What resources do you rely on most? What tips do you have for other information professionals who want to keep current but wonder how they'll fit anything else into their busy schedules?

As for fitting professional development into our busy schedules, it's a matter of prioritizing. If I am not creating time to build my skill set, then I'm doing myself (and my employer, if I were in a traditional job) a disservice. I set aside time each week for what I consider to be the critical job of staying updated on new resources and technology. I monitor (but don't necessarily read thoroughly) blogs from all the major search engines, as well as selected info pro blogs and a number of info pro email discussion lists.

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I find that just knowing I have to give a presentation on a topic gives me the focus to educate myself about that topic. One of the best ways for any info pro to stay current is to commit to providing one short learning session within his or her organization every month. So, for example, if I know I will be giving a talk about alternatives to Google, I will subscribe to the RSS feed from AltSearchEngines.com, and watch for discussions of finding tools that will be of use to my audience. If I'm giving a talk about Web 2.0 technologies, I will spend an hour or two looking at what other info pros have been doing in this area.

7. What are four tools that you have most recently added to your search toolbox?

- * CustomizeGoogle.com – a lovely little add-on to Firefox that greatly enhances my Google search experience
- * The customized search engine tools from Google, Yahoo, Swicki, etc. and Yahoo Pipes, a tool for filtering RSS content
- * Intelways.com – a cool tool for trying a search out in a wide variety of search and finding tools

* This isn't a tool as much as a fresh way of looking at the world; whenever I discover a resource, I think about all the ways of using it *in addition to* whatever it was initially designed to do.

8. In addition to running your business, you've authored several books and frequently contribute to professional publications. For those librarians who feel that publishing is only for academics, what is your response? What is your drive to contribute to the profession?

I see my books, columns, articles and newsletters as both a way of giving back to the profession and a way to keep myself informed about new resources. I will admit that I started writing back in the early 90s as a way to promote my business, but writing has become a real source of joy for me. It is a creative activity, a way to express myself and explore new ideas. I learn so much every time I tackle a new topic!

9. What advice would you give library students and early career professionals who are just getting started in their careers?

There is an ad at the Denver airport for a professional degree program: "The Top 10 Jobs of 2015 Haven't Been Invented Yet". This pretty much sums up how I see our profession – we can't predict what our jobs will look like in 10 years. The best preparation is to stay updated on new technologies and new resources, and to expect to have a different job in a decade, even if we are working for the same organization.

10. In closing, what are your thoughts about the future of the profession?

Special libraries have a unique role within organizations – more importantly, special librarians have a wide range of job possibilities. When I look at the courses offered in library and information science programs, I am reminded of how wide our opportunities are: User Interface Design, Information Architecture, Information Visualization, Organizational Information Assurance, Information and the Management of Change – our profession has expanded far beyond the role of managing a print collection. It's an exciting profession and I feel very fortunate to have discovered it early in my career. ❖



2008 SLA ANNUAL CONFERENCE CHEMISTRY DIVISION SCHEDULE

Saturday, June 14, 2008

Chemistry for the Non-Chemist Librarian [8am-5pm] - TICKETED CE COURSE

Instructors: Bartow Culp, Purdue University & Judith Currano, University of Pennsylvania

Location: Convention Center, Room 616

Description: It is necessary that any information scientist with responsibilities for providing chemistry reference services understand the structure and language of chemistry. This course takes a hands-on approach to introduce learners to the five major divisions of chemistry, their basic principles, and the intellectual tools that chemists need to do their work. It will be composed of three basic sections, an introduction to chemistry as a science, basic concepts and research questions in chemistry and strategies for effective communication with chemists, and the ways in which chemists' research needs dictate their information needs.

Diving into Patents: A Primer for Librarians [8am-5pm] - TICKETED CE COURSE Instructors: Michael White, Denise Callihan, & Leena Lalwani

Location: Convention Center, Room 615

Description: The development of the web has revolutionized how patent information is disseminated and used. Once limited to a few specialized libraries with patent collections or access to expensive commercial databases, patent documents can now be searched and retrieved by anyone with internet access and a web browser. Patents are useful for a myriad of business purposes beyond the protection of new technologies. However, patent literature remains a mysterious and intimidating resource for many librarians unfamiliar with intellectual property. This course will cover the basics of patent documentation, classification, and public web-based search tools. Participants will learn how to: 1) identify and interpret the component parts of a patent; 2) use patent classification systems, including indices and definitions, to conduct a basic patent search; 3) effectively search international on-line patent database systems; and 4) understand how patent data and databases are organized. (with DENG)

DCHE No-Host Dinner [6pm- ?]

Facilitator: Yan He, Georgetown University

Location: McCormick & Schmick's, 1103 First Avenue

Description: The restaurant is within walking distance of the convention center and downtown hotels. We have reserved space for ~20 people, so please let Yan He (yh83@georgetown.edu) know by May 30th if you want to join us. Open to all DCHE and MRM Section members. Meet at Fairmont Olympic Hotel lobby at 5:45 p.m. or at the restaurant at 6 p.m.

Materials Research & Manufacturing Section Meeting

Moderator: Nora Stoecker, Sandia National Laboratories

Description: Greet other MRM members at the DCHE dinner. Contact Yan He to RSVP.

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Sunday, June 15, 2008

Chemical Information Sources, Requests, and Reference [8am-5pm] - TICKETED CE COURSE

Speakers: Denise Callihan, Bartow Culp, Ted Baldwin, and Judith Curran

Location: Convention Center, Room 617

Description: The course takes a hands-on approach to introduce learners to the types of questions that chemical researchers ask and reference sources that can be used to answer them. It will provide an overview of the structure of the chemical literature, types of reference sources in the chemical sciences, unique access points for chemical information, and strategies for an effective search, including searching in three specialized areas: substructures, molecular sequences, and polymers. Informal lectures, interspersed with hands-on reference questions, will compare and describe the major chemical information resources.

Newcomers Lunch [11:30am-1pm]

Moderator: A. Ben Wagner, University at Buffalo, State University of New York

Location: tba

Description: Enjoy lunch while finding out what DCHE is about and meeting DCHE board members. Contact A. Ben Wagner at abwagner@buffalo.edu for location details.

Sponsor: SRI Consulting

DCHE Board Meeting [1-3pm]

Moderator: Sue Cardinal, University of Rochester

Location: Sheraton Hotel, Pike Room

Description: DCHE Officers and Advisory Board discuss current and future plans. All members are welcome to attend.

Sponsor: American Chemical Society Publications

Monday - June 16, 2008

Exploring the Generational Element: Chemistry Division Academic Roundtable [7-8:30am] -

TICKETED EVENT

Speakers: F. Bartow Culp, Purdue University & Brian Winterman, Indiana University

Moderator: Loren Mendelsohn, City College of New York

Location: Sheraton Hotel, Grand Room A

Description: A brief dialog between two librarians from different generations on applying information literacy standards is followed by several small table discussions on how generational views and experiences affect the work of academic librarians.

Sponsors: Royal Society of Chemistry, American Chemical Society Publications

The Science of Coffee [9-10:30am]

Speaker: Dr. Joe Vinson, University of Scranton

Moderator and Location: tba

Description: This talk will examine the fascinating history of coffee from its beginnings in prehistoric time, interesting mythologies, and the reasons for its popularity in various cultures. The botany of the coffee plant, its cultivation in over 50 countries, the chemistry of the coffee bean, and the roasting process will be discussed. We will examine some of the more than 1000 chemical compounds that give coffee its aroma, taste and potential health properties. Caffeine, an important ingredient, will be scrutinized as to its positive and negative attributes. The biochemistry of the polyphenolic antioxidants in coffee will be featured and related to disease. Finally the health aspects of this amazing and complicated beverage will be discussed which will include mental acuity, physical performance, and disease prevention. Some important questions about coffee will be answered. Should I take it before a test? Will it help me be better in exercise and sports? Is coffee good for me, and how much is too much? (with DST, DPAM, DBIO & DFAN)

Sponsor: Annual Reviews, Blackwell, Wiley-Blackwell, Nature Publishing Group, New England Journal of Medicine, Prenax, Inc.

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Hot Science Technology Sampler [1:30-3pm]

Speakers: Richard Kidd, Editorial Production Systems Manager, Royal Society of Chemistry; Carol Perryman, Project Coordinator, Alliance Library System; Hilary Spencer, Product Development Manager, Nature Publishing Group; Bob Stewart, Senior Manager, Chemical and Specialty Information, Thomson Scientific; Joshua Walters, Librarian, Access and Interface, The Boeing Company

Moderator: Sophia Guevara

Location: Convention Center, Room 615

Description: Demonstrations of applications of hot new technologies that are likely to have an impact on the flow and organization of scientific information in the future. We will be exploring HealthInfo Island on Second Life, Project Prospect produced by the Royal Society of Chemistry, and more. (with DBIO & DIT)

Sponsor: Thomson Scientific, Nature Publishing Group

Cyberinfrastructure: Everything You Need to Know About Electronic Laboratory Notebooks [3:30-5pm]

Speakers: Jean-Claude Bradley, PhD, Drexel University; Michael Elliott, Atrium Research; Carl Voigt, Eastman Chemical Company

Moderator: Rachel Ellison, Ecolab, Inc.

Location: Convention Center, Room 618

Description: Electronic laboratory notebooks (ELNs) have been around for a number of years now - so why aren't more companies and universities using them? Explore the state-of-the-art of ELNs, lessons learned from a corporation who has implemented ELNs, a very novel ELN application taking place at a university, and the related issues of intellectual property protection with ELNs. (with PAM, FAN and ENG)

Sponsor: Thomson Scientific

Speed Networking with the Chemistry Division [5:30-7:30pm]

Location: Sheraton Hotel, Willow Room A B

Description: Bond with fellow conference attendees by networking in a structured way, based on speed dating. Participants will introduce themselves, talk about products or ideas or conference plans or work challenges. Live entertainment and hors d'oeuvres will follow.

Sponsor: American Chemical Society Publications

Tuesday - June 17, 2008

Business Meeting & Breakfast [7-8:30am] - TICKETED EVENT

Moderator: Sue Cardinal, University of Rochester

Location: Sheraton Hotel, Willow Room A B

Description: Chemistry Division's annual business meeting and breakfast. All members welcome.

Sponsor: Royal Society of Chemistry

Alternative Fuels: Technologies for a Healthy Planet [9-10:30am]

Speakers: Dr. Richard Nelson, Kansas State University; Alvetta Pindell, National Agricultural Library

Moderator: tba

Location: Convention Center, Room 614

Description: Gasoline prices are soaring and global energy supplies are being squeezed. What potential do biofuels and other alternative fuels offer as a solution to this critical problem? Will we have to choose between growing crops for fuel and growing them for food? Dr. Richard Nelson, biodiesel expert and Director, Engineering Extension at Kansas State University, will demonstrate how biodiesel may be part of the answer. A subject specialist with the National Agricultural Library will discuss the wide variety of information resources on the subject of alternative fuels. (with DTRAN, DFAN & DST)

Sponsor: Thomson Scientific, Chemical Abstracts Service

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Nanomaterials and the Environment [11am-12:30pm]

Speakers: Art Miller, NIOSH Nanoparticle Information Library; Bettye Maddux, ONAMI Safer Nanomaterial and Nanomanufacturing Initiative

Moderator: tba

Location: Convention Center, Room 310

Description: Nanomaterials are coming into our lives in products ranging from personal care to appliances. What do we know about their risks and benefits? Learn about two initiatives to address these issues. (with DERM)

Sponsor: Elsevier, Inc.

All Sciences Poster Session and Reception [7-9pm]

Location: Sheraton Hotel, Metropolitan Room B

Description: Enjoy refreshments and science posters on four different themes from five divisions, (with DST, DBIO, DENG and DPAM)

- Librarians' Roles in a Changing Environment (DBIO)
- Collaborative Communities in Physical and Virtual Environments: The Science Library and Beyond (DCHE)
- Building Bridges while Redefining the Rules (DENG)
- Creating New and Stronger Relationships within Science Communities (DPAM & DST)

Sponsors: American Chemical Society Publications, Springer, SPIE Digital Library, Knovel Corporation, IET/Inspec, H.W. Wilson, ASME

Wednesday - June 18, 2008

Corporate Roundtable [8-9:30am] - TICKETED EVENT

Moderators: Luray Minkiewicz, E I DuPont De Nemours Co.; Rachel Ellison, Ecolab, Inc.

Location: Convention Center, Room 607

Description: Discuss current issues and new developments in the field with friends and colleagues. Even if you aren't strictly a chemistry corporate librarian, but are interested in or work in the field, please join us!

Sponsor: Elsevier, Inc.

Materials Science Resources Forum [12:15-1:45pm]

Speakers: Cynthia Cleto, Global Manager, E-Books, Springer; Jonathan Grant, Regional Sales Manager, STN-FIZ Karlsruhe; Rich Hummel, Product Manager, Technology Products, ProQuest; Eva Seip, Senior Product Manager, Elsevier, Inc.; Denise Smith, Manager, University, Government, and Consortia Sales, ASM International

Moderators: Tracy Landfried, Army Research Laboratory; Earl Mounts, Alcoa Technical Center

Location: Convention Center, Room 3B

Description: Value Added Impact R&D, engineering applications, competitive intelligence, market research - the need for information about materials and their properties touches almost all of our clients. Database providers, publishers, associations - there are so many tools and applications that could help get the right information, in the most usable form, to those clients. Join representatives from ASM International, ProQuest, Springer and STN-Fiz Karlsruhe as they address ways in which their resources can be used to add value to scientific, engineering, and business applications (DCHE MRM).

Sponsor: Taylor & Francis Group❖

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