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## SLA Chemistry Division E-Newsletter

Fall 2003

Volume 18 Issue 2

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## ***From the Editor's Desktop***

Welcome to the second of the SLA Chemistry Division's e-newsletters. I hope you enjoyed the first issue and will find some useful articles in this one.

Sue Cardinal has provided her impressions of the fall ACS conference which was held in New York City. If you have recently attended a conference, or will be attending one soon, how about sharing your experiences?

And thanks to Kevin Lindstrom and Dawn French for providing articles that show us things we can do to educate both ourselves and our clients/students.

Ben Wagner will be taking over the "Beyond the Chemistry Web" column starting with the next issue, so send him your websites to be included at [abwagner@buffalo.edu](mailto:abwagner@buffalo.edu). A big thanks to Ben for taking this project on.

We are always on the look out for new articles and topics, so if you have suggestions please send them to me at [dunker.mj@pg.com](mailto:dunker.mj@pg.com). We still need a few people to write articles for the chemistry themed issue of *SciTech News* which will be published in February, 2004. Please consider contributing. The deadline for articles is January 5, 2003.

Marilynn Dunker  
[dunker.mj@pg.com](mailto:dunker.mj@pg.com)

## **SLA Chemistry Division E-**

**Newsletter** is a publication of the Chemistry Division of the Special Libraries Association. It is published in Winter, Spring, Summer and Fall. It is available at the Chemistry Division website, <http://www.sla.org/division/dche/chemdiv.html>

The contents of articles and editorials should not be construed as being or representing the official position of the Division. Portions of the Newsletter may be printed without permission as long as the source is clearly acknowledged. Special Libraries Association (SLA) assumes no responsibility for the statements and opinions advanced by the contributors to the Association's publications. Editorial views do not necessarily represent the official positions of SLA.

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SLA Chem. Div E-Newsletter Editor (Interim)  
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fax: 513-634-3724

The Editor welcomes readers' contributions. Items wanted include: Articles of interest to the community of chemistry librarians, book reviews for new reference materials, citations for new journals, accomplishments & accolades for the Member's Corner and website recommendations for "Beyond the Web of Chemistry." 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.

2003-2004 deadlines  
Fall 2003 – Oct. 5, 2003  
Winter 2004 – Jan. 5, 2004  
Spring, 2004 – April, 5, 2004  
Summer, 2004 – July 5, 2004

## *Message from the Chair – Fall Snapshot*

Leaves are accumulating on lawns and gutters in Los Angeles, while temperatures soar to the 100s. My family's summer trip to London and the Welsh border country lingers as a pleasant memory, while I am caught up in the whirl of fall activities here at UCLA. An arranged visit to the Royal Society of Chemistry's Library at Burlington House, London, was a special treat with Nigel Lees, Librarian, as our gracious host.

By now I hope that you have viewed the newly revitalized Chemistry Division electronic newsletter ably edited by Marilyn Dunker and posted by Teri Vogel at:

[http://www.sla.org/division/dche/Newsletters/Aug\\_2003.pdf](http://www.sla.org/division/dche/Newsletters/Aug_2003.pdf) Your written contributions will make this a successful newsletter, so please contact Marilyn (dunker.mj@pg.com) to discuss how you can assist.



Also, the February issue of *SciTech News* will focus on the Chemistry Division so feature writers are needed. Jim Martin has launched the division's listserv with a few of you signing up promptly. Jim is investigating populating the list with all of our names so that it will truly become a communication means for divisional activities. Currently, you can sign up either by e-mail or on the Web; details at: <http://www.sla.org/division/dche/discussionlist.html>

Events at work have distracted my attention from the formation of two committees on information literacy and another on creating a Web page for information sources for undergraduate chemistry majors, so look for an announcement later this Fall. Looking ahead to Toronto in 2005 Dawn French has appointed Kathy Whitley to assist as Conference Planner. In the meantime, programs are being finalized for the 2004 Nashville Conference. Please see Mary Ann Mahoney's call for poster submissions. This is an opportunity to share information on the software you use to create interactive instructional resources for your users as well as Web tutorials, videos, or other interactive products.

Please contact me as you think of divisional or organizational concerns. I will be attending SLA Leadership Summit in Albuquerque, January 22-24, 2004 and would be interested in representing your views.

Marion Peters  
Chair, SLA Chemistry Division 2003-04

## *Greetings from the Chair-Elect*



Dawn French  
Millennium Chemicals Library  
410-762-1117  
[dawn.french@millenniumchem.com](mailto:dawn.french@millenniumchem.com)

Hi, Everyone!

More progress is being made towards planning the Toronto Conference in 2005. Kathy Whitley from the University of South Florida has volunteered to be our Conference Planner. Please contact either of us if you have suggestions for session topics or possible speakers. Also let us know if you would like to volunteer for any jobs that may come up regarding the Toronto conference (e.g. note takers, session moderators). Let us know your thoughts and ideas!

Kathy Whitley  
Tampa Library  
University of South Florida  
813-974-3188  
[kwhitley@lib.usf.edu](mailto:kwhitley@lib.usf.edu)

### *2004 Nominating Committee*

Suzanne Fedunok, Past Chair/Chair of the Nominating Committee, is looking for a few volunteers to serve on the 2004 Nominating Committee. If you are interested, please contact her at:

Suzanne Fedunok NYU-Bobst Library  
Coles Science Center  
70 Washington Square South  
New York NY 10012  
212-998-2698 (W)  
212-995-4283 (FAX)  
[suzanne.fedunok@nyu.edu](mailto:suzanne.fedunok@nyu.edu)

Any one interested in serving as Chair-Elect or Treasurers should also send their names to Suzanne. Suggestions for candidates are welcome.

# *Highlights of National American Chemical Society Meeting in New York City, September 7-11, 2003*

**By Susan K. Cardinal  
University of Rochester**

The National ACS Meeting in New York was no different than most conferences. I met old and new friends, heard great presentations, talked to vendors about their plans, and offered my advice freely and often. New York seemed very gray and crowded as I followed the concrete path to my shuttle bus, weaving my way through the pedestrian traffic. Of course the yellow taxis caught my eye – especially when they nearly missed pedestrians! The window displays were a lovely contrast to the dirty gray streets.

I was especially interested in the Chemical Information Division (CINF) programming. I consulted my “Chemical Information Bulletin” (a membership benefit) for a summary of the program and the abstracts. The program is also available on the CINF website ([http://www.lib.uchicago.edu/cinf/acs\\_upcoming.html](http://www.lib.uchicago.edu/cinf/acs_upcoming.html) Oct. 2003) and the program was published in “Chemical & Engineering News.” (v. 81, #33, p. 59, August 18, 2003) Some slides from talks are posted on the CINF website (see above) under “Abstracts for Technical Session.”

In an excellent presentation on career transitions, Pamela Scott, CINF Chair-Elect, reminded us to keep our resumes up to date. We learned that PDAs are very “hot” in the medical field from Helen-Ann Brown. Melody Voith told us how news from “Chemical & Engineering News” is being formatted for the PDA.

From John Ochs’s talk, I learned about “COUNTER,” a developing standard for online use statistics. One of the most useful talks for me was called “3 Steps to Better Medline Searches.” Soaring Bear showed us how to use the “Details” in PubMed to see how a search is interpreted, how to use the “Citation” view to see the MESH terms, and how to use the MESH browser to find more terms to search on. The most thought provoking talk for me was Evelyn Powell’s presentation on “MyRensSearch”. Some of my graduate students have been asking for more customized web pages, and maybe this is the way to do it.

Frank Allen, the Herman Skolnik Award winner for 2003 gave an interesting talk about crystallographic databases. I also learned about the history of the Protein Data Bank (PDB). I had a better appreciation for the complexity of reaction searching after hearing several talks about refining reaction searching algorithms. James Hendrickson told us about Webreactions.net (<http://webreactions.net> Oct. 2003) where entries are grouped by the bond transformation, rather than exact reactant or product.

At Sunday evening’s CINF reception I met several new people and introduced them to others. We enjoyed champagne and hors d’oeuvres while chatting with friends at the Royal Society of Chemistry reception. The lasagna at Tuesday afternoon’s Herman Skolnik luncheon was fabulous and the speaker Prof. Nadrian C. Seeman of New York University was riveting as he described how he and his research group used DNA to build structures inspired by art. Tuesday

night's Herman Skolnik reception was more laid back. We discussed our hopes and dreams and which place in New York might have good Chinese food.

In between talks and receptions I had plenty of time to preview the "Hawley's Condensed Chemical Dictionary" online as part of Knovel's offerings in the exhibit hall. Scifinder Scholar 2004 looked very appealing with more limits for substructure searching and reaction searching. Reactions can be analyzed for catalyst and solvent. I'm excited about the Royal Society of Chemistry Archive and analyzing my budget as we speak! I also had a peek at Elsevier's new "Comprehensive Coordination Chemistry II" which will be released both in print and online by the end of this year.

I really enjoyed seeing my friends both old and new. It was great to compare notes. The New York food was fabulous and the atmosphere exciting. Maybe it was a little hard to sleep as the garbage trucks rolled by at four AM and car alarms went off hourly. However, I thank my employer, the University of Rochester, for this great opportunity to learn, to share, and to contemplate. And yes, I did do a little shopping too.

## *"Lab to the Library" A Stepping Stone in the Development of an Undergraduate Chemistry Information Program*

**By Kevin Lindstrom, Science and Engineering Reference Librarian  
University of British Columbia, Vancouver, British Columbia, Canada**

As was typical for a lot of academic libraries, chemical information was not a high priority at University of British Columbia (UBC). In 1999, the extent of the UBC Library's chemical information program consisted of a one-page introduction to print Chemical Abstracts. The "Lab to the Library" site was a first web-based attempt at making chemical information skills a higher priority.

The original premise behind the "Lab to the Library" web site was to expand access to chemical information by building upon a number of web-based database tutorials already available which included Chemical Abstracts on CD.

The "Lab to the Library" site provided an opportunity to enhance the Library's role in providing chemical information skills to undergraduate students in the Department of Chemistry by demonstrating what the Library could offer in terms of format and content. The key was being able to take a developed site to faculty.

The web site was developed as a pilot project without any specific course in mind or the support of any individual chemistry professor. The motivation behind the project was to demonstrate how the Library could support (if called upon) an undergraduate chemical information course.

I was lucky to be able to hire Nathan Jones, a PhD graduate student from the Department of Chemistry to assist in the design of the site. Both Nathan and I were interested in designing web-based chemical information tutorials. We wanted to make the website more “intuitive” rather than just a series of hyperlinked pages.

The “intuitive” aspect of the site would come with the use of use of java scripts. Moving the mouse over the image map would produce text boxes relevant to individual modules.

The completed project can be found at [www.library.ubc.ca/scieng/chemlab](http://www.library.ubc.ca/scieng/chemlab)

Upon completion of the pilot project, the Department of Chemistry faculty and instructors were informed via email as to the existence of the site. And that’s where things stood in 1999.

Meanwhile over in the Department of Chemistry in 1999, the number of labs for a large (1000 students) undergraduate chemistry course was reduced by almost half. Students would now doing lab exercises on every other week. To fill the gap, Dr. Sophia Nussbaum, Senior Instructor Department of Chemistry developed the “Library Research Skills Mini Course”. The course consists of six on-line modules introducing students to various aspects of accessing scientific literature. Dr. Nussbaum was greatly assisted by two students, Alexei Polishchuk and Zev Thompson.

The Chem121 Research Skills Mini-Course can be found at [www.library.ubc.ca/scieng/chem121](http://www.library.ubc.ca/scieng/chem121)

The development of the Chem121 Mini-Course drew upon and enhanced the content that already existed in the Library’s “Lab to the Library” site. I was asked to participate in developing the content for the Chem121 project. Due to maintenance issues, the Mini-Course was moved from the Department of Chemistry server to the Library’s server in the summer of 2003.

The Library has benefited greatly through its participation in the ongoing developing of the Chem121 website. The Science and Engineering Division now has a much higher profile with chemistry faculty. Visibility and usage of online chemical resources like ChemNetBase and the Web of Science has been greatly improved.

For additional information, contact:

Kevin Lindstrom

Science and Engineering Reference Librarian

University of British Columbia, Vancouver, British Columbia, Canada

604 822-0695 (W)

[kevin.lindstrom@ubc.ca](mailto:kevin.lindstrom@ubc.ca)

Additional links:

[www.e-strategy.ubc.ca/townhall/documents/1003a-mixedmode\\_chem\\_000.pdf](http://www.e-strategy.ubc.ca/townhall/documents/1003a-mixedmode_chem_000.pdf)

# *Free or Inexpensive Professional Development Resources*

By Dawn French

Millennium Chemicals

With tight budgets and schedules it's hard to find professional development opportunities. I've come across some resources that are free or really inexpensive and you can do them as your time permits. These resources cover various types of libraries. Even if items don't specifically mention chemical libraries, you can still pick up useful information.

- 1) **Gary Price's Resource Shelf:** <http://resourceshelf.freepint.com/>  
Find a wealth of resources including news articles, professional reading, and lots of links to library/information resources. Sign up for the Resource Shelf Weekly Reminder so that you don't forget to check into the latest happenings!
- 2) **Dynix Institute Archives:** [http://www.dynix.com/dynix\\_institute/index.asp](http://www.dynix.com/dynix_institute/index.asp)  
Find and sign up for webinars. Not able to attend the webinar at it's scheduled time, then find it in the archives. Lots of great topics! Some of these webinars are suitable for inviting library champions and users, who can gain insight into the why's and how's of libraries/information centers.
- 3) **Don't forget your database vendors** (e.g. Factiva, Dialog, STN, etc.): Free webinars, tutorials, resources are often offered. Keep up your searching skills! You know how search features can change with little notice. Some of these tutorials may be appropriate for your users if you provide desktop access.
- 4) **Washington, D.C. Chapter's Book Club:** <http://www.sla.org/chapter/cdc/bookclub.html>  
Find books being read by D.C. Chapter members to enhance their professional development. Locate these books easily in bookstores or public libraries. If you buy the book, read it and write your own book review, and put the book in your library's collection. Thus, you've killed 2 birds with one stone – you have your professional development and you have a book review for your library's newsletter (another PR opportunity). In addition, you have encouraged the professional development of your users.
- 5) **Ebrary® Library Center:** <http://librarycenter.ebrary.com/>  
Find lots of books online in full-text that deal with libraries and librarianship. Topics range from digital libraries to management to libraries in non-U.S. countries.
- 6) **RDN Virtual Training Suite:** <http://www.vts.rdn.ac.uk/>  
Find online tutorials originally designed to teach internet skills to students. These tutorials are great for finding out the organizations, publications, websites, and more for various fields of interest. This would also be something to use when teaching internet skills to your own users.
- 7) **Mary Ellen Bates' Tip of the Month:** <http://www.batesinfo.com/tip.html>  
Find monthly tips on a wide range of topics involved in finding information. Sign-up to receive this tip via e-mail.

## *Call for Posters: Special Libraries Association Annual Conference Nashville 2004*

The Chemistry Division of the Special Libraries Association is sponsoring a Poster Session at the 2004 Conference in Nashville.

**Theme: Teaching Users via the Web--Web-Based Training and Instruction in the Sciences**

Web-based instruction is becoming more important as our users increasingly access library resources remotely and as distance education evolves. If you have developed web based tutorials, training modules or videos, or have discovered effective software to facilitate the creation of such products or have conducted research on the topic, this poster session is an effective way to communicate and share what you have learned.

Guidelines for materials and layout of poster presentations are available on the SLA Chemistry Division website at <http://www.sla.org/division/dche/chemdiv.html>.

Please submit your name, institution, fax, email address, poster title, and description (250 words or less) by email or surface mail to Mary Ann Mahoney at the address given below. The deadline for submissions is March 1, 2004. Any SLA Member is welcome to submit an abstract for consideration. In the event that a greater number of submissions are received than can be accommodated, members of the Chemistry Division will be given first preference. All applicants will be notified no later than April 1, 2004 as to whether or not their proposal has been accepted. Contact Mary Ann Mahoney at the address given below if you have any questions about this session.

Mary Ann Mahoney  
Chemistry Library  
100 Hildebrand Hall  
Berkeley CA 94720-6000  
[mmahoney@library.berkeley.edu](mailto:mmahoney@library.berkeley.edu)  
510.642.4345 (voice)  
510. 643.9041 (fax)

## *Diversity Leadership Development Award*

The Diversity Leadership Development Program (DLDP) Committee would like to invite nominations for the Diversity Leadership Development Award.

Two of the committee's goals are to help accelerate the advancement and visibility of members who represent a diverse population of the Association by mentoring them for more leadership opportunities within SLA and to ensure that the Association remains vital, relevant, and representative of its diverse membership. This award provides \$1000 to attend the SLA Annual Conference in Nashville, complimentary conference registration, and an assigned SLA mentor to help candidates understand the roles and mechanics of SLA leadership.

Eligibility requirements include:

1. Applicant must have been a member of SLA for at least 2 years.
2. Applicants must be a member of a population group that is underrepresented in SLA.
3. Applicant must have between 3-10 years of professional library information experience.
4. Applicant cannot be a current SLA DLDP Committee member.

If you know of someone who meets these eligibility requirements, please encourage them to apply. Up to 5 winners are chosen each year. This is a wonderful opportunity to network and gain leadership skills!

**The application deadline is: December 5, 2003.**

For more information and the application form, please see:

<http://www.sla.org/content/memberservice/communication/pr/awdindex/sla/dldpnomform.cfm>

Past winners include:

Araceli Domingo (1995)	Stephanie Tolson (1997)	Jacquelyn P. Cenacveira (2001)
Awilda Reyes-Lucca (1995)	Kelly Yuille(1997)	Irene E. Cordova (2001)
Teresa Neely (1995)	Cynthia Charles (1998)	Sandra A. Marshall (2001)
Rosalind Scott (1995)	Lori Guidry (1998)	Jeanette M. Regan (2001)
Harriet Thompkins (1995)	Suzanne Koceyan (1998)	Jeffrey Mah (2002)
Phyllis Hodges (1996)	Theodosia Jones-Quartey (1998)	Suzan Lee (2002)
Deborah Jan (1996)	Vandana Ranjan (1998)	Persko L. Grier, Jr. (PJ)(2003)
Rosalyn Lett (1996)	Jacqueline Knuckle (1999)	Christina Birdie (2003)
Elsie Okobie (1996)	Veronica Walker (1999)	Pradnya Yogesh (2003)
Hemalatha Ramachandran (1996)	Annie Wong (1999)	Lian Ruan (2003)
Barabar Akinwole (1997)	Jannie Cobb (2000)	Toby A. Lyles (2003)
Andrea Greer(1997)	Lilleth Newby (2000)	
Vinita Singh (1997)	Alvetta Pindell (2000)	

Diversity Leadership Development Program Committee

Co-Chairs:

Terri Brooks

Wei Wei

Members:

Montrese Hamilton

Debbie Jan

Diana Gonzales (Staff Liaison)

## *2004 Marion E. Sparks Award for Professional Development*

The Chemistry Division of the Special Libraries Association is sponsoring a student/new member scholarship essay competition in 2004. The award is named to honor Marion E. Sparks, a chemistry librarian at the University of Illinois from 1913 until her death in 1929. Ms. Sparks contributed to the field of chemical information her achievements include teaching courses on chemical information, and authoring and publishing what is argued to be the first book to formally address chemical literature and library instruction.

This competition is intended to encourage student members or new members of the Chemistry Division to attend the annual meeting and participate in the activities of the Chemistry Division of the Special Libraries Association.

**AWARD:** The winner will receive \$1,500 to attend the 2004 SLA Annual Conference, Nashville, June 5 - 10. The winner will also receive a certificate of achievement and will be introduced at the Chemistry Division Business Meeting & Breakfast. This award is intended to reimburse the winner's expenses for attending the convention, including: registration, airfare, lodging, food, and/or the continuing education course (registration in the course "Chemistry resources for non-chemists" if offered in 2004 or any other continuing education course is recommended but not required).

**ELIGIBILITY:** All student members of the Chemistry Division and all individuals who became members of the Chemistry Division since January of 2003 are eligible to enter the contest.

**ENTRY REQUIREMENTS:** Compose an essay to address the candidate's objectives for professional development and the outcomes if granted the award. Essay should not exceed 400 words or two typed doubled-spaced pages. Please include a resume and the names of two references.

Entries may be submitted by email or regular mail to:

Svetlana Korolev  
UWM Libraries  
University of Wisconsin, Milwaukee  
Milwaukee, WI 53211  
[skorolev@uwm.edu](mailto:skorolev@uwm.edu)

Deadline for submission: March 15, 2004

Essays will be judged by a panel of SLA Chemistry Division members. The winner will be notified by April 10, 2004.

## *Member's Corner*

*News about our members and their activities. If you have some news, been recently published or given a presentation, please send the information to Marilyn Dunker ([dunker.mj@pg.com](mailto:dunker.mj@pg.com)) for inclusion in the next newsletter*

### **News**

**Grace Baysinger** spearheaded efforts to have chemical information professionals identify helpful resources in support of ACS' National Chemistry Week (NCW). She was assisted by **Kitty Porter**, Bonnie Lawlor, Lydia Hines, Marissa Burgener, Dave Sheets, and Dave Harwell who are all members of the "Chemists in the Library" Working Group. Both print and electronic resources were identified for this year's theme "Earth's Atmosphere and Beyond." Barden Shimbo, a Stanford student, designed the web site. See: <http://library.stanford.edu/depts/swain/ncw/index.html> A "Salute to Excellence" Award was presented at the ACS Chemical Information Division luncheon in recognition of the efforts to create this site. Future goals include recruiting more chemical information professionals who are active in SLA or ACS that would like to be involved in identifying resources for Earth Day and NCW. Interested? Please contact Grace Baysinger ([graceb@stanford.edu](mailto:graceb@stanford.edu)).

In October, **Stewart Curry**, 2003 Marion Sparks Professional Development Award winner, started work as an information scientist with the Procter & Gamble Company in Cincinnati, OH.

Division members **Jim Martin**, University of Arizona, and **Kathy Longaberger**, Goodyear Tire & Rubber Co., were featured in the Careerview column on "Science Librarians" by Becky Ham published in the American Chemical Society's *Chemistry*, Winter 2003, newspaper.

### **Recent Publications by Members**

#### **A. Ben Wagner**

Finding Physical Properties of Chemicals: A Practical Guide for Scientists, Engineers, and Librarians" *Science and Technology Libraries*, v. 21, Numbers 3/4 2001 (published Fall 2003), p. 27-45.

Text for personal and professional use available at:

[http://ublib.buffalo.edu/libraries/asl/staff/documents/wagner\\_phys\\_prop\\_stl\\_art.pdf](http://ublib.buffalo.edu/libraries/asl/staff/documents/wagner_phys_prop_stl_art.pdf)

### ***New members of the Chemistry Division***

*Welcome to these new members who joined the division from July to August, 2003*

Ron Kaminecki  
Dialog

Albany Molecular Research  
Inc.

Amy E. Stone  
Thomson ISI Business  
Intelligence

Meris Mandernach  
Univ of IL at Urbana

Eva M. Thomas  
Trillium Inc.

Sarah H. Jeong  
Wake Forest Univ. (student)

Patti C. McCall

Brian C. Gray  
Advncd Elastomer Systems

## *Beyond the Chemistry Web...*

A listing of useful websites about chemistry or anything that can be useful in our profession. If you have a website to share, please send it to Ben Wagner ([abwagner@buffalo.edu](mailto:abwagner@buffalo.edu)) who will be taking over editing this column. Include the URL, title of the sites and a brief description of its features or usefulness.

### **C&EN: It's Elemental: The Periodic Table**

<http://pubs.acs.org/cen/80th/elements.html>

**Website Notes:** In case you missed the **Chemical & Engineering News** Issue (September 8, 2003) celebrating 80 years, here is the periodic table online.

### **IP Australia**

<http://apa.hpa.com.au:8080/ipapa/qsearch?> Or

[http://pericles.ipaustralia.gov.au/aub/aub\\_pages\\_1.process\\_simple\\_search](http://pericles.ipaustralia.gov.au/aub/aub_pages_1.process_simple_search)

**Website Notes:** The first link contains abstracts for patent applications and granted patents back to 1975. Bibliographic data is available back to 1920. The second link allows for searching of patents in full-text back to 1998.

### **Online Databases of Past & Present Government Research & Studies**

<http://www.scitechresources.gov/scitech-databases.htm>

**Website Notes:** Provides links to many SciTech databases which have been funded by the U.S. Government. Arranged by topic. Some databases include CRISP, AGRICOLA, ToxNet, Medline and the NTIS Database

### **The Constants and Equations Page**

<http://www.tcaep.co.uk/science/index.htm>

**Website Notes:** This on-going project plans to list as many constants (600+) and equations (425+) as possible all in one place. Sponsored by The Institute of Physics, it includes many math and astronomy tables such as moon phase tables. Confused between Cahen's constant and Catalan's constant? This is the place to go.

### **Science Education Games and Puzzles (Virginia State Jefferson Lab)**

<http://education.jlab.org/indexpages/elementgames.html>

**Website Notes:** Many educational game sites are neither particularly educational nor fun. This web site is a definite exception. The Element Hangman game alone is worth a visit. If I had to make science a fun learning experience for students, scientifically inclined or not, this would be my top choice. Crossword puzzles, a science version of "Who wants to win a million dollars", and math games and much more are available at this terrific site.

*This issues contributors include Marion Peters, Marilyn Dunker, Dawn French and Ben Wagner. Thanks for sharing!*

## SLA Chemistry Division Officers & Functionaries, 2003-2004

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