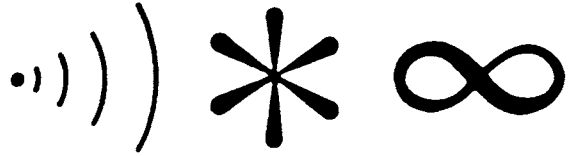


**p·a·m**

physics astronomy math



## P-A-M BULLETIN

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### **MESSAGE FROM THE CHAIR**

A direct benefit of being a division chair is receiving copies of the newsletters and bulletins from all the other divisions. It is both interesting and thought-provoking to see their different physical formats, the varying ways they present similar information, and their differences in focus and content.

I have been struck by a constant thread running through many of the issues I received in the last few months: coping with change. The word "new" appears frequently: new technology, new information sources, new services, new career paths, new management techniques, new stresses, new responsibilities, new skills, new opportunities, new challenges. And then there are the variants of "change": changes in the workplace, changing roles, changing environments, unprecedented change, technological change (this one often preceded by the word "rapid"! ). The working title for the News Division's CE course in Atlanta is "The Electronic Landscape: New Products, Methods, and Responsibilities." The lead article in the Library Management Division's fall 1993 issue is called "Relationship Management: Helping Employees Succeed at Change." Change was the theme of the Petroleum and Energy Resources November issue. One newsletter reminded readers of the David Bowie song on changes, another of an Ian and Sylvia song.

It seems to me that for PAM members, "new" and "change" are not really new, not really changes, perhaps because the disciplines of the physical sciences we work in have been in the forefront of technological change and in adopting new information sources. The challenges and frustrations of change seem almost the norm for us. With its wonderful juxtaposition of words, my favorite change phrase is "constant change." For me, and, I suspect, for many of us, constant change is a good description of our jobs. Change is a constant -- it just keeps on happening. At our conference roundtables each year, it is a constant that we discuss changes and new things: changes in budgets and journal prices, new CD-ROMs, Mosaic home pages, databases accessible through the Internet. In our informal conversations and in our e-mail messages, we frequently say, "What are you doing about the new...?"

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For most of us the changes are directly or indirectly a function of technology. And the technology is indeed wonderful: It gives us marvelous access and tools and resources. We are constantly learning and adapting, but we need our abilities to use the "old" tools as well. It is unlikely that years of highly specialized indexes from the pre-database era will ever be electronically accessible or that all our books, journals, technical reports, and observatory publications will make it into PowerBook format. No matter how smart, software simply cannot preserve the crumbling paper of the historical record, the logbooks, the lab notes, the printouts, the old tools and instruments that are the history and heritage and underpinnings of our particular fields.

I highly recommend an article by John Swan called "The Electronic Straitjacket" (*Library Journal* vol. 118, p. 41, Oct. 15, 1993). Swan acknowledges the strengths that new technologies bring to libraries, but urges us to resist the claims that all answers are electronic. He asks us to hone our abilities to understand and discriminate between tools so that we find answers that are relevant, no matter what the medium, and to resist an electronic vision where the mind is shaped rather than liberated by the computer. Paper and technology are both here to stay.

So where does it all lead us? I'm certainly not sure: my personal strength has always been in adapting rather than in envisioning. I firmly believe, however, that the entirely appropriate enthusiasm with which we greet the new and the changed in our libraries must not lead us to abandon the unique and valuable skills and resources we already possess.

Ellen Bouton

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## **PAM BULLETIN**

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The *PAM Bulletin* is published by the Physics-Astronomy-Mathematics Division of the Special Libraries Association. The *Bulletin* is issued four times a year: August, November, February, and May. Articles should be submitted in ascii format if possible to the bulletin editor by the announced deadline of the next issue.

Subscriptions are free to PAM members and retired PAM members. Nonmember subscriptions cost \$9.00 per year. Checks should be made payable to PAM-SLA and sent to the editor:

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### **DEADLINE FOR NEXT ISSUE APRIL 15, 1994**

Thank you to all who contributed to this issue of the *PAM Bulletin*. I extend a special thanks to Alice Primack for her work behind-the-scenes as PAMnet monitor.

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### **American Astronomical Association**

*The PAM Division of Special Libraries Association gratefully acknowledges the generous support of the AAS for this issue of the PAM Bulletin.*

*The AAS is a nonprofit organization representing professional astronomers in North America. It is interested in promoting research and disseminating results, and to that end publishes several scholarly journals and newsletters. The AAS has close associations with astronomy librarians and in 1992 appointed a PAM representative to their Publications Board.*

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## **ASTRONOMY NEWS**

### ***Report on the American Astronomical Association***

The fact that AAS is sponsoring this issue of the *PAM Bulletin* makes it wonderfully appropriate for me to submit my annual report now. And it gives me even more reason to thank them for their support. I, of course, very much appreciate the opportunity to attend the Publications Board meeting each year and to be included in discussions of AAS activities that affect libraries.

The annual meeting of the Publications Board of the American Astronomical Association was held December 3, 1993. The report that follows is a combination of minutes from that meeting and information that circulated during the year.

1. *Astrophysical Journal Letters* goes electronic. Perhaps the biggest news is the proposal by AAS to NSF for funds to support the development of an electronic

version of *Astrophysical Journal Letters*. Production of the *Letters* and all the AAS journals is changing, but this proposal deals primarily with the distribution of the journal, as opposed to submission, editing, and production. One reason the AAS is keen to pursue electronic publication is that it sees vendors such as DIALOG massaging the abstracts of AAS members and then selling them back at unaffordable prices. (I told the meeting about the academic discount account available on STN.) Electronic publication should lead to enhanced uses of the journals, such as searching abstracts directly and massaging data contained in the articles. Typesetting costs might go down and subscription prices follow! Mailing costs would certainly decrease, which would benefit foreign subscribers substantially. It was stressed that this electronic publication program is member driven, not technology driven. The widespread popularity of the STELAR abstracts database (20,000 connections per month in addition to what the Astrophysics Data System, ADS, generates!) as well as the phenomenal response to the call for electronic submission

### **Editorial Opportunity!**

Although I have enjoyed my tenure as editor of the *PAM Bulletin*, it is time for me to pass the word processor on. Therefore, the PAM Division is seeking volunteers interested in contributing to the Division and the profession by editing and producing the quarterly *PAM Bulletin*.

The position involves receiving contributions via electronic mail, downloading them to a pc, editing for style, grammar, spelling, and consistency, and then arranging the articles in our newsletter format. Production also includes printing and mailing, which are funded by PAM. The format will remain the same and templates are available in both TeX and WordPerfect, if the new editor chooses to use one of these programs.

For more information about the position, feel free to contact me by telephone (612-624-9395) or e-mail ([janice@math.umn.edu](mailto:janice@math.umn.edu)).

To volunteer for the position, contact Ellen Bouton ([library@nrao.edu](mailto:library@nrao.edu)) or Dave Stern ([stern@vmd.cso.uiuc.edu](mailto:stern@vmd.cso.uiuc.edu)) by March 15, 1993.

Thank you! Janice Jaguszewski, Editor

of abstracts for the AAS meetings (96% of submissions are electronic) indicates that astronomers are eager to embrace these changes. (Electronic submissions to the journals are not as high -- more on the order of 10% -- but they have not been actively encouraged yet, either.) Ninety percent of AAS members have a network connection. This statistic does not account for non-AAS members, of course, and the AAS is concerned about colleagues without such a connection. The impact on all users will be monitored and steps will be taken to prevent disenfranchisement.

The *ApJ Letters* was chosen as the initial medium because of its relationship to the *ApJ* -- it is included in the subscription price and therefore the thorny issue of pricing and costs does not have to be resolved -- and because of its small size.

It is projected that the electronic version will be available by the latter half of 1995. The paper version will be produced in parallel with the electronic version until archiving and access issues are resolved satisfactorily. AAS takes these issues seriously and believes in distributed archiving.

The project will use open standards and publicly available tools. WAIS (wide-area information server) is the preferred search protocol and retrieval tools such as MOSAIC and the WWW (world-wide web) will be used to take full advantage of hypertext links to abstracts of the cited literature and, where possible, to underlying data.

Co-sponsors of the proposal are the University of Chicago Press and the Clearinghouse for Networked Information Discovery and Retrieval, but in fact AAS has also forged links with LC, ARL, and other libraries.

2. STELAR update. Unfortunately, the STELAR project has essentially folded because of a lack of funding. So far 5 years of *ApJ* has been scanned and 3 years is "up" in participating libraries. However, scientists

have not been reading the articles on screen and have been disappointed to find that only a small number of their hits were backed up by full text. Those records found were slow to retrieve because of the bitmapped format. However, as mentioned, the abstracts database has been wildly successful. STELAR will soon disappear as a separate entity and be entirely subsumed by ADS.

3. Other Internet updates. The AAS has recently mounted a home page on MOSAIC, which will include meetings information and abstracts, officers, history, etc., as well as the Job Register.

4. The AAS CD-ROM. The AAS has just released their CD-ROM. It is important to realize that this is not a bibliographic tool but a storage and distribution medium for the large amounts of data that accompany articles in the journals. The print article will contain a sample of the table only and a reference to the CD-ROM. The CD-ROM will contain an abstract of the article and the table(s) in a simple format. This first disc has data from 52 articles -- about 184 tables or 74 megabytes of data. It is not full. The tables are intended to be read and massaged by computers, not humans.

Lengthy discussion of the financial issues related to the CD-ROM program, as well as other issues such as the packaging (jewel boxes can smash and scratch the disc in transit) and labeling, ensued. (That was one point where I came in.) Archiving the disc is another important issue. The AAS has assumed responsibility for archiving but is also working with LC on this topic. The possibility of reissuing it to conform with future equipment standards was raised. Future CD-ROMs will include data from articles in the *Publications of the Astronomical Society of the Pacific* as well as the AAS journals. The entire CD-ROM program will be reassessed periodically.

5. American Institute of Physics (AIP). Peggy Judd from AIP presented a report on their activities for the benefit of the

publications board members because they are also working on electronic publishing. It is not my mandate to report on these in detail but I will give you a brief sketch of what she said. The electronic *Applied Physical Letters* project with OCLC has been approved. PiNet will be developed further with "emphasis on its importance to electronic publishing." Bibliographic search engines are currently being evaluated and full text will probably follow. A server using WAIS or gopher is contemplated.

6. The journals. A recent increase in the number of articles submitted/published was attributed to the many space-based observatories that are and have been returning vast amounts of data. It was estimated that it would take a person about 200 days a year to read the whole *ApJ*. It was noted that although library subscriptions to physics journals have dropped off in the last decade, those to astronomy journals have not. Lengthy discussions related to the journals addressed issues of size, page charges, editorial responsibilities and personnel, and ethics. There was also a report from the University of Chicago Press.

7. Astrophysical Quantities. Work on the new *Astrophysical Quantities* is moving right along and several chapters are almost finalized. Copy editing will begin this month (January) and publication is tentatively scheduled for summer 1994.

8. My 5 minutes of glory. I took the opportunity of the timing of the meeting to "announce" the *Astronomy Thesaurus*, although I am happy to report that many of the attendees had already heard of it. I distributed copies of the *Thesaurus* to the editors and the ftp instructions to the other attendees, many of whom were eager to get them. I also handed out copies of an article by Robyn Shobbrook on what the *Thesaurus* is. This seemed only fair because I, too, had to carry home a ton of stuff!

Marlene Cummins  
PAM representative  
AAS Publications Board

## Highlights of the 183rd AAS Meeting

The 183rd Meeting of the American Astronomical Society was held January 11-15, 1994, in Washington, DC. Noting that the meeting included a session on "Networked Information Sources for Astronomy," I decided to attend. The meetings, presentations, exhibits and special displays were definitely worth the trip! (The next AAS meetings will be in Minneapolis in June, and Tucson next January, if you are interested....)

Highlights of the meeting included:

1. Seeing the first images from the fixed Hubble Space Telescope (the *Eta carinae* nebula is spectacular...See it via the WWW Universal Resource Locator (URL) [http://hypatia.gsfc.nasa.gov/nasa\\_hottopics](http://hypatia.gsfc.nasa.gov/nasa_hottopics).)
2. Meeting Joyce Watson and Carolyn Stern Grant, both from the Harvard-Smithsonian Center for Astrophysics (who demonstrated SIMBAD and the ADS, respectively). Joyce reported earlier sightings of Brenda Corbin of the US Naval Observatory and Ruth Freitag of the Library of Congress.
3. Seeing live demonstrations of many of the astronomical databases we use, e.g., ADS, SIMBAD, NED, and learning about the 1994 print edition of the *Astronomical Catalog Desk Reference* available from the Astronomical Data Center.
4. Hearing Heather Dalterio of the AAS discuss electronic publishing in astronomy, and learning that *ApJ Letters* will soon be available in electronic format.
5. Hearing H. Ferguson of STScI describe *Astrobib*, a literature referencing system compatible with AAS/WGAS LaTeX macros (uses standard bibtex software to collect all references cited in the text and format them at the end of the paper according to the journal style requirements). As one speaker

noted, we will soon have the tools to change "what'cha got" into "what'cha want"!

6. Seeing so many people using WWW to access astronomical information sources. Would you believe that 15 of the 21 astronomy librarians who have responded to my recent query on PAMnet have access to the Web?! And several have their own "home pages." (Use the URL <http://stsci.edu/net-resources.html> for the most complete listing of known astronomical resources.)

More detailed information on some of these topics can be found in the December 1993 *AAS Newsletter* and on page 1470 of the *Bulletin of the AAS* v.25, n.4, 1993. Please contact me at [jane@astro.princeton.edu](mailto:jane@astro.princeton.edu) if you have any other questions.

Jane Holmquist

URL <http://astro.princeton.edu/library.html>

### **Digitized Sky Survey**

The Space Telescope Science Institute and the Astronomical Society of the Pacific have jointly announced the preproduction sale of the compressed digitized sky survey on CD-ROMs. Cost of the entire 101 CD set will be \$2900 if ordered prior to Feb. 15, 1994. After Feb. 15 the price will be \$3500. The first 61 CDs from the southern SERC 3 band survey will be manufactured as soon as sufficient presale payments have been received. Orders by check or purchase order should be sent to: Astronomical Society of the Pacific, Dept. 10X, 390 Ashton Avenue, San Francisco, CA 94112-1787. Visa or Mastercard orders will also be accepted by phone: (415) 337-2624 9am-5pm PST Monday-Friday; or fax: (415) 337-5205.

### **T-REX**

Robyn Shobbrook reports that distribution of the IAU Commission 5 *Astronomy Thesaurus* is under way. Mail problems have delayed receipt of these volumes.

### **PAM DIVISION AWARD**

Please let me know right away if you have any nominations for the PAM Division award. It is given to a person or group who has made a significant contribution to the literature of, or exchange of information in, physics, astronomy, or mathematics. This contribution should benefit libraries or librarians and be a special effort beyond normal job requirements. The honoree need not be a member of SLA or PAM. Please send nominations via the Internet ([library@noao.edu](mailto:library@noao.edu)), mail (KPNO Library, PO Box 26732, Tucson, AZ 85726), or phone (602-325-9295).

Cathy Van Atta  
Chair, Awards Committee

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### **MATHEMATICS NEWS**

#### **Out-of-Print Books**

Looking for a possible source for out-of-print math books? Powell's Technical Books in Portland, Oregon, claims to have received large collections of used mathematics books. Plus you can contact them via the Internet. Four files will come by return e-mail, providing instructions on searching their holdings by character string. Send e-mail to [ping@technical.powells.portland.or.us](mailto:ping@technical.powells.portland.or.us).

Carol Hutchins

#### **AMS/MAA Meetings**

The American Mathematical Society and the Mathematical Association of America held their January 1994 Joint Mathematics Meetings in Cincinnati (deja vu for those of

us who went to SLA!). Discussions from the AMS Library Committee and the Committee on Electronic Products and Services are reported as follows. The panel discussion entitled "Impact of Electronic Publications on the Mathematics and Library Communities," which was co-sponsored by those two committees, will be reported in the May *PAM Bulletin*. Papers were presented by our own Martha Tucker, Frank Quinn (a mathematician from Virginia Polytechnic Institute and State University), and John Franks (a mathematician from Northwestern University), with remarks from Bill Woolf (a mathematician in charge of the AMS Electronic Products Department).

Librarians attending the panel discussion and meetings of the two committees were Nancy Anderson, Dick Funkhouser, Carol Hutchins, Dorothy McGarry, Martha Tucker, and Jack Weigel.

### **AMS Library Committee Discussions**

The Library Committee met from 4 to 6 pm on Friday, January 14th, 1994.

1. NSF page charges. It was discovered from a reading of the minutes (the only version extant is from the February 1993 *PAM Bulletin*, which was duly credited) that NSF had never responded to the Library Committee's call to abolish page charges. We learned that on September 30, 1993, the NSF decided to adopt the proposal to allow use of grant funds for publication of scientific research in for-profit journals.

2. Library survey. The 1990 library survey will be repeated in 1995, focusing on those areas that have experienced significant change since 1990. Some topics to be considered for inclusion are electronic journals, journal subscriptions, how space has deteriorated from 1990 to 1995, the demise of the mathematics library in the same building as the department and/or reorganization of the mathematics library, document delivery, new titles vs. canceled titles (not just total number), preprints,

electronic media, and better documentation of the budgetary picture (library's percentage of the university budget and mathematics library's percentage of the library budget). A steering committee will be appointed to do preliminary planning and establish contact with the AMS Data Committee. Nancy Anderson will review comments on the first survey to determine which questions need reworking. However, questions will need to be phrased so comparisons with 1990 data can be made. The survey will be sent out in Fall 1995.

3. Program for 1995 San Francisco joint meetings. Although there was considerable interest in planning a roundtable for mathematics librarians and faculty liaisons for Saturday morning, the idea was tabled because most committee members did not have the time to organize the meeting. Instead, Nancy Anderson and Mary Ann Southern will arrange for space in the exhibit area for interested parties to talk with members of the Library Committee, similar to the arrangement we had at the Louisville Joint Meetings. These informal talks between librarians and mathematicians are quite informative and will provide useful background information for the 1995 survey. Some suggestions for a theme for these informal discussions are: What can librarians do for mathematicians and what can mathematicians do for librarians? Or, My ideal faculty liaison to the library and what he/she does that is good. The topic for the panel discussion has not yet been decided, although the Committee agreed that the mathematician members should make this decision because they would know what would be of interest to their colleagues.

4. Electronic journals. Keith Dennis announced that a paper version of the *Ulam Quarterly* will be published by Gordon & Breach. However, few of the mathematics librarians reported departmental interest in the electronic journals. Not many libraries were printing out and archiving the online copy.

5. Exclusion of Gordon & Breach from price survey. Gordon & Breach was excluded from the latest survey of journal prices published in the December 1993 *AMS Notices*. Since many members of the Library Committee believe that this omission reduces the effectiveness of the survey, a letter will be drafted to the American Mathematical Society to ask why the Library Committee was not informed before the decision was made.

6. Information-seeking behavior of mathematicians. Nancy Anderson reported that she had met with the AMS Data Committee to seek their input on the questions to be asked in her and Janice Jaguszewski's survey and to obtain their endorsement. The Library Committee will also provide guidance. The Committee recommended that all mathematicians (or some random sample) from Groups I-III and VI institutions be surveyed. To determine if the respondent is active in research, one of the questions should ask if s/he had published within the last year. The survey will include questions about how/where mathematicians get information, and not be limited to resources available in the library.

7. Book auctions. Keith Dennis reported that the Cornell University Mathematics Library auctions books that have been donated as gifts but are not needed by the library, raising \$5000 annually.

8. Library Committees in other mathematics societies. The Committee is interested in identifying any counterparts in reciprocating mathematical societies. Nancy Anderson and Dorothy McGarry are collecting related information by identifying overseas mathematics librarians as part of their project for PAM's International Relations Committee and will share their findings with the Library Committee.

9. Directory of librarian. Librarian members of the Library Committee asked about the status of their request that the AMS solicit the name of the person

responsible for the mathematics library/collection in its annual survey to departments. Jim Rovnyak will draft a letter to the AMS Data Committee asking them to include this question. This information will make it easier for the Library Committee to direct its 1995 survey to the appropriate individual.

10. List of organizations accepting gifts. Martha Tucker reported that she had put on E-Math a short list of organizations that handle gifts of monographs and journals and transship to libraries worldwide. Additional information can be obtained from the *ACLS Manual for International Book and Journal Donations*. Nancy Anderson will edit the *ACLS Manual* for outfits of particular interest to mathematicians and for procedural information on how mathematicians may donate books. She will check with the compiler of the *Manual* before mounting it on E-Math.

### **AMS Committee on Electronic Products and Services**

1. E-Math preprint access server. John Franks, Chair of CEPS, proposed establishing a preprint access server on E-Math. This server would consist of a database of abstracts with links to online preprints, but would appear to the user to be a single preprint database. Committee members expressed concerns about archiving, expense of conversion, responsibility of professional societies to determine what is valuable. As an aside, the AMS is now mandated to provide a repository to those people who do not have a departmental or discipline database. The AMS will act as a central location with its server pointing the user to other sites. Another interesting bit of news arose in the discussion of requesting authors to provide abstracts and assign MR numbers to their papers. Only 50% of the papers in MR sections 00-60 have abstracts in the broadest sense!

**2. CMP and MR on the Internet.** The AMS decided this fall that putting *Current Mathematical Publications* and *Mathematical Reviews* up on the Internet was a very high priority. Problems to be worked out include a search engine, software, the contract AMS has with SilverPlatter, and financial concerns. AMS staff at this meeting did not think these problems were insurmountable and hoped that this project might be realized in a year. Don Babbitt, Executive Editor of MR, hopes to present a progress report on this project at the June SLA meeting. This was exciting news. Evidently, the AMS has been listening to librarians who do not wish to reinvent the wheel or take on the expense of having each institution mount MR on their own online catalog or campus network.

Nancy Anderson

### ***New Mathematics Journals***

A list of new mathematics journals that began publication in 1990 or later has been compiled by Janice Jaguszewski and supplemented by Dick Funkhouser. Since David Stern's compilation of cancellations in PAM libraries has been found to be of value, perhaps a compilation of subscribers to new journals could prove of equal value. Dick Funkhouser has offered to compile such a list.

If you are a PAMnet user, you should have just recently received a copy of the list. If you did not receive it or are not a PAMnet user and would like a copy, please request it from Dick (rlf@mentor.cc.purdue.edu or Math Sciences Library, Purdue University, West Lafayette, IN 47907).

Please e-mail or snail-mail to Dick a list of the new titles to which your library subscribes. If you have subscribed to any math journal titles not on the list and that fall within this time period (1990- ), please add them to your reply. The list of subscribers will be posted on PAMnet or mailed to you if you do not have e-mail.

Dick Funkhouser

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## **PHYSICS NEWS**

### ***National Archives Radioactive?***

An 8-inch rod of uranium was found in the Chicago branch of the National Archives by a University of Illinois physicist. It and other remnants of World War II era physics research are described in an article by Christopher Anderson ("DOE Finds Physics Archives May Be Too Hot To Handle," *Science*, Vol. 263, p. 170, January 14, 1994).

### ***American Physical Society Begins Publishing "APS Publishing News"***

The APS released the first issue of this irregular newsletter in October, 1993 -- but I just received mine in January, 1994. This delay may be due to a move of the APS headquarters out of New York City and into College Park, Maryland, in October. The newsletter is "distributed free of charge to librarians, information specialists, professors, and other individuals interested in the future well-being of physics literature." The contents would suggest that it is primarily an advertising and public relations vehicle for APS publishing interests. Editor-in-Chief Benjamin Bederson mentions "experiments in electronic publication, subscription prices, new directions and changes in our publications, and features highlighting the editorial side of individual journals" as topics to be explored by this newsletter.

### ***Format Change for "APS News"***

In January, 1992, *APS News* came into existence by separating APS society news from the *Bulletin of the American Physical Society*. I remember some discussion among physics librarians at that time about what to do with this new publication in terms of archiving and binding. If your library made the decision to bind and archive, then some reconsideration may be in order. As of January 1994, the publication is now in a

folded newspaper format with an 8.5 x 11 inch pullout containing a calendar of meetings. The reason for this format change is described in a column by Harry Lustig, Acting Executive Secretary and Treasurer of the APS. If you are wondering what to do with the new publication, your decision might be influenced by the announcement that this newspaper will be available electronically in the near future.

Also in this newspaper is an announcement for an international book and journal exchange intended to provide scientific literature to developing countries (see In Brief, page 3). The APS Forum on International Physics is acting as a facilitator between donor and recipient. The APS acts only as a matchmaker and does not pay for shipment.

This newspaper also contains some very interesting letters to the editor. One letter in particular urges the APS to decrease its public relations and political action activities in favor of communicating knowledge of physics among physicists. A lengthy response is given by APS President Burton Richter.

### **APS Rallies to Aid Former Soviet Union Science**

An article in *Physics World* (p.56, October 1993) describes efforts by the APS to aid FSU physicists by providing "small grants and fellowships..., bulk journal distribution, matching memberships with journal subscriptions, support for winter and summer schools, travel grants to major international meetings and occasional grants of small equipment and parts." Twenty-three one-year back issue sets of all APS publications have been shipped to the FSU, and more than 200 members with journal subscriptions have been enrolled in the FSU. The goal of this program is to "conserve the great wealth of physics in the FSU by encouraging the best to remain and persevere."

### **NSF Page Charges Going to For-Profit Publishers**

The National Science Foundation changed its policies in September 1993 and is now allowing page charges to be paid to commercial publishers from NSF-funded research. The previous policy limited scientists to claiming page charges only for publications in not-for-profit journals. The American Geophysical Union is unhappy with this decision and its members are said to be lobbying the NSF for a policy reversal (Colin Macilwain, "Protests greet new NSF rules on page charges," *Nature* vol.366, no.4, p.5, November 1993). As the NSF reportedly allocates \$20 million per year for page charges, the impact on scientific publishing could be significant. In the past, most commercial science publishers did not charge page charges to scientists, but this new policy may change that. Gordon & Breach have announced that authors who pay voluntary page charges for publishing in their journals will be rewarded with vouchers for themselves or their libraries to be used to spend on Gordon & Breach publications.

### **IOP Announces 1994 Journal Prices**

The Institute of Physics has released a chart detailing their firm prices for journal subscriptions in 1994 alongside their 1993 prices (*Physics World* p.59, September 1993). Three titles from their 40-title portfolio ceased this year -- one a reprint journal and the other two originating from the FSU.

### **IOP to Collaborate with Elsevier-Pergamon on Alerting/Marketing Service**

Editorial Director of IOP Publishing Alan Singleton has written a largely satiric article on some current trends in electronic publishing. The article, which refers to librarians as "cowardly" and "parasites," describes in terse detail many projects now

under way that are attempting to create viable electronic publications. Efforts by Paul Ginsparg, OCLC, Red Sage project, American Chemical Society, TULIP project, and the UK's SuperJournal are described.

If you read the last installment of this column, then you may have noted that the IOP will be collaborating with other publishers in the future. One such collaboration is between the IOP and Elsevier-Pergamon, called CODAS. CODAS will supposedly deliver titles and abstracts of journal articles electronically to individual researchers beginning January, 1994. This "service," aimed at researchers in condensed matter and materials science, is by no means a new idea. If it focuses on journals by these publishers only, it will probably be a largely unsuccessful venture. Too many alerting services covering a broad spectrum of publishers already exist for such a limited service to be of much use to the scientific community. It would be little more than a marketing tool that says, "Here is what we publish -- please purchase it." At press time, I am not sure of policies on advertising over the Internet -- but such a service is certainly aimed more at marketing and advertising than true current awareness.

In what reads as a desperate justification for the existence of science publishers, Singleton writes, "But it's not in any intermediary's interest to prevent researchers' having what they need and want -- the essence of a publisher's task is to seek out such needs and put in the effort and capital to meet them, making the product attractive enough for the market to share the cost. As long as scientists have 'equal' access to the systems, they will vote with their fingers, if not their pocket-books, on whether publishers have a significant role to play in the future." Librarians are also intermediaries, and it often feels that publishers are directly competing with us on some levels. The library where I work has provided an "equal-opportunity" current awareness service and subsidized document delivery for

a number of years. It will be interesting to observe over the next few years how intermediaries like publishers and libraries provide what scientists want and need.

### **SSC Killed by Congress**

A number of articles have been written describing the termination of this project. For more information please refer to the articles by David Ritson ("Demise of the Texas Supercollider," *Nature* vol.366, no.16, pp.607-610, December 1993) or Irwin Goodwin ("Congress Cancels SSC and Allocates High Budgets for Technology in 1994," *Physics Today* pp.77-80, Nov. 1993).

Robert S. "Pat" Allen

### **SPIE Holography Listserv**

SPIE's Holography listserv is part of an ongoing expansion of its OPTOLINK Online Services, one of many planned listservs in specific topical areas. To participate in this listserv, send an e-mail message to [info-holo-request@mom.spie.org](mailto:info-holo-request@mom.spie.org) with the following message in the body:  
subscribe info-holo

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### **PAMnet NEWS**

An updated and expanded second edition of *The History of Women and Science, Health, and Technology: A Bibliographic Guide to the Professions and Disciplines*, edited by Phyllis Holman Weisbard and Rima D. Apple, is available. Gifts from professional organizations, foundations, and a private individual made possible an initial free distribution to interested scholars, educators, and libraries. Single print copies are available while supplies last from the Women's Studies Librarian, University of Wisconsin System, 430 Memorial Library, 728 State Street, Madison, WI 53706; [WISWSL@macc.wisc.edu](mailto:WISWSL@macc.wisc.edu). Please include your full mailing address in your request.

Alice Primack

**NOMINATIONS 1993/94**

The Nominating Committee, composed of Bruce Pelz, Deborah Kegel, and Judith Bausch, Chair, is pleased to report that the slate of PAM officers for 1994/95 is:

**Chair-elect**

Diane Fortner  
University of California-Berkeley  
Physics Library

**Treasurer**

Robert (Pat) Allen  
Purdue University  
Physics Library

Additional nominations, accompanied by a written acceptance from the nominee, may be entered by a petition of ten or more members if filed with the Nominating Committee at least 60 days prior to the annual business meeting.

**Retzel, Elizabeth A.**  
Eastern Michigan University  
University Library  
Ypsilanti, MI 48197  
Ph: (313) 487-3191

***Dropped Members***

Bauer, Francie L.  
Berkise, James W.  
Crawford, Virginia S.  
Matthews, Judith A.  
Raeder, Agnes W.  
Schwartz, Betsy J.  
Valauskas, Edward J.  
Vierich, Richard W.  
Wagner, Stephen C.

***Address/Name Updates***

**Adams, Elaine B.**  
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**Cziffra, Peter**  
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**MEMBERSHIP NEWS**

***New Members***

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**Triplehorn, Julia H.**  
Internet: fygilib@acad3.alaska.edu

**Comparative Third Quarter Membership:**

<u>1992</u>	<u>1993</u>	<u>Change</u>
165	178	+7.87%

Betty Fridena  
Membership

### **A Loving Tribute**

For the past ten years, I have had the special privilege of knowing him. My first (and fondest) memories, which most of you probably share, are of a smiling, spectacled, turtleneck-clad, bearded person behind the bar at the Division's hospitality suite. It was there, with no particular fanfare or attention to himself, that he poured our drinks, listened to our endless prattle, and ensured the food was plentiful and yummy. If you've guessed that the person I described is Bruce Pelz, you're right.

On October 31, 1993, Bruce retired from UCLA. To quote Dorothy McGarry, "He's going to leave a big hole in UCLA and PAM." And, indeed, he will. Bruce joined PAM in 1981 and served in numerous official capacities: Awards (1984-1986), Treasurer (1986-1988), Chair-Elect (1988-1989), Chair (1989-1990), Nominations (1993), and, of course, Hospitality (the Membership Directory says he took charge of this post in 1987, but Dorothy McGarry says he helped her as far back as 1983 when she chaired the workshop in New Orleans). He was also responsible for introducing the PAM Division gold identification stickers for our conference badges, as well as the recognition buttons for past officers. All of the past chairs I'd contacted said of Bruce, "I couldn't have done it without him." And Peggy Dominy described him as "the best hotel scrounger I ever knew."

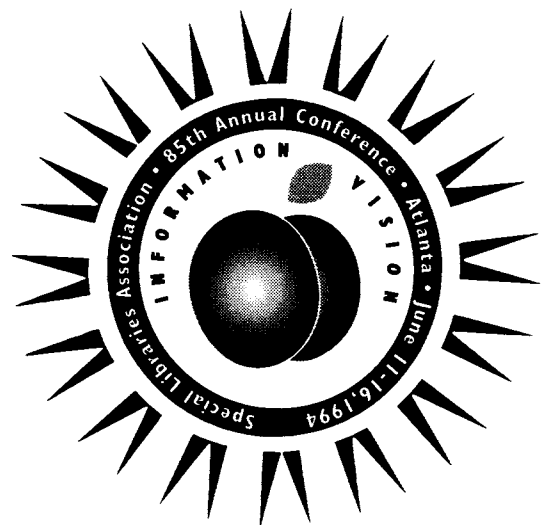
With equal aplomb, he managed an illustrious career at UCLA that began in 1962 and included such varied responsibilities as editing a library newsletter, cataloging in the sciences, and overseeing the collection development of the Engineering and Mathematical Sciences Library. His enormous capacity for working with people was clearly demonstrated as he

served both statewide and locally as parliamentarian for the Los Angeles Librarian's Association of the University.

This was a man who wore many hats in his profession and didn't make a big deal about his accomplishments. In the age of library specialization, there aren't a lot of Bruce Pelz's running libraries anymore, and there aren't any like him running division hospitality suites as far as I know. I hope he can spare a minute away from attending a science fiction conference to look in on us from time to time. Besides, Bruce, I need you to keep the tonic stocked.

Liz Bryson

### **"Information Vision"**



Special Libraries Association  
85th Annual Conference \* Atlanta  
June 11-16, 1994

### Preliminary Program for Annual SLA Conference, June 1994

The preliminary program for the Atlanta meeting will be mailed out in late March, but here is a brief preview of PAM programming. I have provided the names of meeting moderators; please contact them if you have ideas or concerns you would like to discuss. I have also requested a suite in the Marriott Hotel for our PAM Division open houses, but will not receive confirmation for a while. However, we have a good chance of getting this suite because SLA tells me that no other division had yet asked for it when I made our formal request. I will put out a message on PAMnet when I receive confirmation on a hotel.

Ellen Bouton, Chair

#### Sunday, June 12

1:30-2:45	PAM-wide roundtable (Nancy Anderson)
3:00-4:30	Vendor update (Helen Knudsen)
5:00-6:00	Board meeting (Ellen Bouton)
8:00-11:00	Open house (Marlene Tebo and Suzanne Bell)

#### Monday, June 13

7:30-8:45	Business meeting & breakfast (Ellen Bouton; AMS is sponsor)
10:30-11:45	Physics roundtable (Carol Chatfield)
1:30-4:30	One-stop shopping: Integrating information resources (A big program co-sponsored by PAM and 7 other divisions. Both vendors and librarians will discuss systems that integrate various information resources and distribute the information to individuals on their desktop computers.)
8:00-11:00	Open house

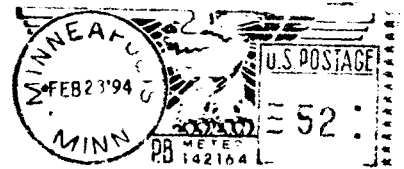
#### Tuesday, June 14

10:30-11:45	Astronomy roundtable
1:30-4:30	Although PAM is not a co-sponsor, a big Internet-related program on Tuesday afternoon may interest PAM members. I therefore did not schedule against it.
9:00-11:00	Open house

#### Wednesday, June 15

11:30-12:45	Board meeting (David Stern)
1:00-2:15	Math roundtable (Molly White)
2:30-4:00	Computer science roundtable (Sci-Tech is lead division this year; Jim Leonard is moderating)

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