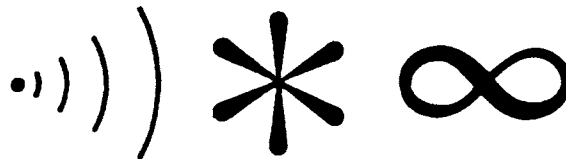


p·a·m

physics astronomy math



v. 16, no. 1

Message from the Chair

Helen Z. Knudsen

At Caltech the description of "learning process" includes absorbing information not by mouthfuls but from a firehose! At the Denver Conference we found more and more information tailor-made to our individual needs. I recall the bewildering first conference I attended. Perhaps it is the years, perhaps it is the increased sensitivity, but each subsequent SLA Conference holds not only more information, but more relevant information. This is, no doubt, due to the meticulous and creative planners for each conference. The last conference planner was, of course, Camille Wanat. She and her crew put together a stack of programs which surely made each of glad we came.

The Astronomy Workshop was headed by Ellen Bouton of NRAO. Here we heard news of the imminent LISA meeting (Library and Information Services in Astronomy) and of an infant database ("NED") on galaxies which is being designed by IPAC people with backing from NASA. More news on NED in New York; more news on LISA in the next issue of your Bulletin.

The Physics Workshop was headed by Gary Davidoff of Argonne. There was heavy discussion on a subject of great concern to all of us: journal prices/cancellations. The vendor update included a good bit of discussion on this topic, with the Executive Director of the AMS offering some sanguine advice to librarians in their struggles to keep the journals within the budget. We will see a great deal of interest in this matter in some of the meetings being planned for New York.

The Mathematics Workshop was headed by Joanne Goode of the University of Kentucky. Of note to mathematics librarians is the retirement of Bill Leveque from his long tenure at the helm of the American Mathematics Society.

The Computer Science Workshop was headed by LeAnn Weller, who presided over a lively discussion on how to manage a collection of software, especially computer science software. Much discussion of the problems of

"losing" and illicit copying of software on floppy disks.

At our Annual Business Meeting, the P-A-M Division gave a warm testimonial to Bill Leveque. There was a dinner August 6th given by the AMS to honor Bill, with gifts and other tributes to his long and generous service.

At the Division Suite, we enjoyed the efforts of a dozen librarians who compiled useful (and some highly entertaining!) material on how to educate users to their library's collection organization. (These materials were also shared with the LISA attendees the following month in Washington, D.C.)

I started out my year as Chair with the proverbial two left feet of the neophyte dancer. Only the generous counsel and patient ear of outgoing Chair Camille Wanat kept me from obvious missteps. Continuing Secretary Karen Cronels keeps us all informed of the goings on at meetings which we attend, but can't always recall verbatim. Outgoing Treasurer Bruce Pelz is an ever-ready source of calm, masterful organization, and general fount of knowledge about any finances (either ours or the hotel's). As our future Chair, Bruce can no longer be called upon to set up drinks or reduce bills, but we will certainly impose upon his good nature to at least advise on both! Our new Treasurer, Cathaleen Van Atta, will doubtless carry us through the year in great shape. Obviously our Bulletin Editor has been persuaded to favor us with yet one more year of her erudite services. She says that five years is enough. Hers will certainly be a hard act to follow.

As for the Committees, Government Relations is now chaired by Adelaide Del Frate, NASA/GSFC. Our Division Archivist continues to be Jack Weigel, Univ. Michigan. For the demanding job of Membership Committee Chair, we are fortunate to have Dorothy McGarry's (UCLA) longterm experience, aided by a group which includes Carol Hutchins, Kimiyo Hom, Betty Holmstrom, Donna Cromer, Jayashri Nagaraja, Pam Enrice, Nancy Zachariasen, and Marilyn Steinberg.

Nancy Anderson, University of Illinois, has kindly renewed her Chairmanship of the Awards Committee, and gave a thought-provoking

(continued on page 3)

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Deadline for next issue: 1988 November 1

Job Openings

1. Head, Chemistry-Mathematics Library

Administers programs and services at CML and geology journal collection at Ridge Lea facility (both branches of Science and Engineering Library); provides reference services primarily to the Chemistry and Mathematics faculty and students and assists with reference services in natural sciences and engineering; develops bibliographic instruction programs at all levels, primarily to chemistry and mathematics, but also for general science and technology; performs database searches for natural sciences and engineering library users, particularly for chemistry and engineering; and serves as liaison with chemistry and mathematics departments in developing collections, and may be required to select for other related areas.

QUALIFICATIONS: ALA accredited MLS required. Degree in chemistry, mathematics, or related discipline preferred. Supervisory experience also desirable.

SALARY: Appointment at Assistant Librarian: \$19,500 or higher, competitive and commensurate with qualifications; appointment at Senior Assistant Librarian: \$24,000 or higher, competitive and commensurate with qualifications.

2. Science and Engineering Library - Assistant/Senior Assistant Librarian

Provides reference assistance in the natural sciences, mathematics, and engineering; conducts tours and bibliographic instruction sessions; and does database searching using science and technology databases as well as RLIN. Develops research and teaching collections for one or more subject areas in the natural sciences and mathematics. Manages all operations at the A-V/Microcomputer Center.

QUALIFICATIONS: ALA accredited MLS required. Background with microcomputer programs, hardware/software, and instruction preferred. Professional library experience and experience with computer science/microcomputing and audiovisual services also preferred.

SALARY: See 1. above.

For either position, please send letter of application and resume including the names of at least three references to:

Ms. M. E. State
Assistant to Director for Personnel
University Libraries
SUNY/Buffalo
432 Capen Hall
Buffalo, NY 14620

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Message from the Chair (Continued)

invitation to all of us to send in nominations (to her) for the various SLA/sponsored awards. She is assisted by Cathy Greene, Martha Austin, and Cathy Pasterczyk.

As for the Big Apple Conference, the crew consists of the following:

Hospitality Chair: April Love, UC Irvine;

Astronomy Workshop: Fran Waranius;

Computer Sciences Workshop: Derek Kozikowski and Nancy Zachariassen;

Mathematics Workshop: Martha Murdoch.

The Coordinator for the Physics Workshop has not yet volunteered, but the line is open at (818)356-4008, DEIMOS::LIB or PHOBOS::HZK and I am confident that a lively dedicated physical activist will contact me in the very near future. (Could that be YOU?)

Report of the Membership Committee

Dorothy McGarry, Chair

Welcome New Members:

Busby, Brian L., 4470 Hillcrest Dr., Apt. B, Madison, WI 53705

Hutchins, Jonathan, Royal Greenwich Observatory, Libr Arch, Herstmonceux Castle, Hailsham, East Sussex, UK 8N27 1RP (tel +44 32 383-3171); e-mail: Janet: JVP@UK.AC.RO-GREENWICH.STARLINK; Bitnet/Earn: JVP@STARLINK.RO-GREENWICH.AC.UK

Luszczynska, Barbara: 7010 Maryland Ave., St. Louis, MO 63130 (314) 889-5048

Passero, Barbara, Massachusetts Institute of Technology, Research Laboratory of Electronics, Rm. 36-412, Cambridge, MA 02139 (617) 253-2566

Reese, Cheryl A., P. O. Box 2832, Sta. A, Champaign, IL 61820 (217) 333-3733

Sublette, Doris L., 900 Euclid #204, Santa Monica, CA 90403 (213) 825-4317

Corrections and changes:

Clark, Camille S.: change address to 5929 Vegas Dr., Las Vegas, NV 89108

Del Frate, Adelaide A.: new telephone number (202) 755-1030

Feeney, Karen E.: add work address: Science & Engineering Library, C-075E, University of San Diego, La Jolla, CA 92093-0175; address in directory remains as mailing address

Garrett, Paula: change mailing address zip code to 60510
Gubman, Nancy: change telephone number to (212) 998-3314

Holmstrom, Betty R.: add telephone number (602) 621-2046

Knudsen, Helen Z.: area code is (818)

Kreunen, Julie A.: correct telephone number to (716) 275-5965

Leonard, James W.: telephone number is (914) 945-2121; correct mailing address to NY

Magnuson, Barbara: change area code to (818)

Moliholt, Pat: correct phone number to (518) 276-8300; add e-mail: bitnet: USERAOPM@RPITSMTS

Morris, Linda L.: change area code to (818)

Murdoch, Martha T.: bitnet: MURDOCH@UWACDC

Pasterczyk, Catherine E.: change mailing address to 2722 Burton SE, Albuquerque, NM 87106-3002 and

correct Milnet address to CPASTER@SANDIA-2.ARPA

Roth, Thomas F.: correct street address to 1112 Commercial, Apt. #3.

Stern, H. David: add e-mail address: bitnet: STERN@UIUCVMD

Steven-Rayburn, Sarah: correct all e-mail addresses: ARPA:library@stsci.arpa; uucp: noaolstscilibrary; Bitnet: library@stsci.bitnet

Zachariassen, Nancy W.: add mailing address: 2235 N. Villa Heights Rd., Pasadena, CA 91107; change e-mail addresses: internet: nancy@csvax.caltech.edu; uucp: nancy@cit-vax.uucp; Bitnet: nwzach@caltech.bitnet

Reinstated:

Mary Kay

Kathy Strand

Special Libraries AssociationPhysics-Astronomy-MathematicsDivision1988 Annual Meeting

June 13, 1988

Currigan Hall, Denver

Forty-one people attended the 1988 Annual Meeting of the P-A-M Division. Chair Camille Wanat called the meeting to order and introduced Hope Coffman, SLA Board of Directors.

Minutes of Previous Meeting

Pat Moliholt moved that the minutes of the 1987 Annual Business Meeting be approved as published in the August 1987 issue of the *P-A-M Bulletin*. Seconded by Sarah Stevens-Rayburn. Motion Carried.

Reports

Chair-Elect: Chair-Elect Helen Knudsen discussed the preliminary plans for the 1989 New York Conference. She extended her thanks on behalf of the P-A-M Division to the sponsors of this year's hospitality suite.

Contributions totaling \$1900 were received from the following vendors:

Kluwer/Reidel/Academic \$400
INSPEC \$350
Faxon \$250
Pergamon \$250
Springer-Verlag \$250
American Institute of Physics \$100
Elsevier \$100
Marcel Dekker \$100
Plenum \$100

Suggestions for sponsors for the New York Conference should be suggested to incoming Chair-Elect Bruce Pelz.

Treasurer: Treasurer Bruce Pelz reported that the balance in P-A-M's operating account was \$3,755.82 on May 31, 1988. P-A-M also has \$4,725 in the reserve account for the IAU Colloquium.

Based on Bruce's recommendation, Helen Knudsen moved that P-A-M's fiscal year be changed to coincide with the calendar year and current SLA practices. The official treasurer's report will be published in the February P-A-M Bulletin and a "State of the Treasury" will be given at P-A-M's Annual Business Meeting during the SLA Annual Conference. Motion seconded by Joyce Rey-Watson. Motion carried.

Nominating Committee/Election of Officers: Nominating Committee chair Carol Hutchins presented the 1988-1989 slate:

Chair-Elect/Chair: Bruce Pelz

Treasurer: Cathaleen Van Atta.

There being no other nominations, Bruce and Cathy were elected by acclamation. Camille thanked the members of the Nominating Committee: Carol Hutchins, Dick Funkhouser, and Joyce Rey-Watson.

Membership Committee:

On behalf of the Membership Committee (Dorothy McGarry, Marilyn Steenberg, and Nancy Zachariasen), Committee Chair Dorothy McGarry report that P-A-M had 138 members as of May 3, 1988. During the past year there were 29 adds and 23 drops. Two members, Marjorie Benzinger and Dorothy Cowe, died during the year.

The following new members were welcomed:

Diane Beck	Scott Brandt	Ellen Chu
Camille Clark	Donna Cromer	Pam Debussy
Karen Feeney	Paula Garrett	Joni Herren
Julie Kreuner	April Love	Doris Sublette

Dorothy distributed copies of the 1988 P-A-M Membership Directory and a list of corrections through May 31. Joyce Rey-Watson requested that E-mail and FAX numbers be added to future membership directories.

A special thank-you was extended to the American Mathematical Society for its continuing support of the P-A-M Membership Directory.

Awards Committee:

Committee Chair Nancy Anderson presented for discussion the guidelines and recommendations of the Awards Committee (Nancy Anderson, Cathy Greene, and Cathy Pasterczyk). Due to time constraints and the wide variety of opinions expressed, no action was taken. Nancy agreed to continue discussions with individual members during the open houses and to publish a consensus statement in the August P-A-M Bulletin.

Ad Hoc Committee on Fundraising:

Dave Stern, Committee Chair, gave that group's final report. Also serving on the committee were Judy Bausch, Marian Kreiter, Don Marion, and Kathy Strand. Since some vendors are interested in sponsoring and/or advertising in the P-A-M Bulletin, those present agreed to pursue this option as a way to defray publish publication and distribution costs. (The average cost including postage of one issue of the *P-A-M Bulletin* last year was \$175.) Incoming chair Helen Knudsen will appoint a working group to establish pricing structures.

P-A-M Bulletin:

Camille read a report from *P-A-M Bulletin* editor Judy Bausch. In 1987, the *P-A-M Bulletin* consisted of 4 issues totaling 42 pages. Approximately 190 copies are normally sent to P-A-M members, subscribers, and SLA officers. Members agreed with Judy's recommendation to limit the size of each issue to 10 printed pages (5 sheets of paper) so that the postage will remain at 25 cents per copy. The possibilities of using bulk mailing or publishing electronically were mentioned.

Old Business

Since the P-A-M stickers have already been printed and are now in use, there was no old business. (These stickers, modeled after the logo on the *P-A-M Bulletin*, are attached to conference attendees' badges to identify the wearers as P-A-M Division members.)

New Business

•Union List of Astronomy Serials

At the upcoming LISA conference, participants will discuss the geographic scope of the revision of the ULAS. If the scope is restricted to US holdings, then funding questions will be on the agenda for next year's P-A-M meeting. (P-A-M borrowed \$4000 from SLA to publish the first edition.)

•IAU Colloquium 110, LISA

Brenda Corbin announced the upcoming IAU Colloquium 110, Library and Information Sciences in Astronomy (LISA) to be held July 27 through August 1 in Washington. Contributions are being solicited for the housing fund for librarians coming from other countries. Thirty-two people have requested assistance. All personal contributions made by July 15 will be matched by an anonymous vendor. Brenda thanked all those who had already made contributions and she urged everyone to consider making a donation. Brenda also thanked SLA for its colloquium funding support in the amount of \$2000.

•Commendation to William LeVeque

Camille read a commendation to William LeVeque, retiring director of the American Mathematical Society, for his strong personal support as well as the institutional support of AMS for librarians, libraries, and the P-A-M Division. Bill's commitment to promoting and improving communications between mathematicians and librarians within the AMS has resulted in, among other things, a librarian serving on the Publications Advisory Board of the AMS. The P-A-M Division salutes and honors Bill for his dedication and support, his commitment and many contributions. The members of the P-A-M Division are proud to have Bill as a friend and we wish him all the best.

•Drawing

Karen Cronels won the drawing of the division's copy of Judith Bardwick's *The Plateauing Trap*. (P-A-M was given a copy for cosponsoring Dr. Bardwick's presentation at the conference.)

•FBI Library Awareness Program

John Weigel discussed the SLA Board's response to the FBI's Library Awareness Program. Jack then moved that the following resolution be adopted:
"Resolved,

1. that the members of the Physics-Astronomy-Mathematics Division urge the SLA Board of Directors to oppose clearly and publicly the FBI's Library Awareness Program and to request that the FBI end this program promptly;

2. that the members of the Physics-Astronomy-Mathematics Division urge the Board of Directors and President of the Special Libraries Association to cooperate fully with other national organizations -- such as the American Library Association, the Association of Research Libraries, and the Chief Officers of State Library Agencies -- in their opposition to the FBI's Library Awareness Program, and

3. that the Physics-Astronomy-Mathematics Division's Executive Board to directed to convey the text of this resolution to the SLA Board of Directors with all appropriate speed."

Motion seconded by Pat Molholt. Motion carried overwhelmingly.

Dick Funkhouser moved that Division Chair Camille Wanat take the resolution to the Division Cabinet with the recommendation that the Division Cabinet also pass the resolution. Motion seconded by Sarah Stevens-Rayburn. Motion carried.

Nancy Gubman has been visited by the FBI and volunteered to talk with librarians about her experiences and concerns.

The meeting was adjourned.

Respectfully submitted,
Karen S. Cronels, Secretary

Astronomy Workshop Report

Ellen Bouton, National Radio Astronomy Observatory

After introducing ourselves, we pass around assorted handouts. The handouts and several other items are available as listed below; if you did not get something you wanted (or were not there to collect all this paper), write to the appropriate person for copies.

Sarah Stevens-Rayburn:

- 1) list of IAU colloquia
- 2) list of astronomy/astrophysics meetings gleaned from preprints
- 3) journal prices at Space Telescope Science Institute, 1983-1988, with a column for 1973 comparison
- 4) bibliography of SN 1987A papers
- 5) poster papers from the ST Scl Planetary Systems workshop

Ellen Bouton:

- 1) list of NRAO workshop proceedings
 - 2) updated cumulative LC QB classification list
- Rita Lerner (AIP)
- 1) preprint of Barschall, H.H.: "A Survey of the Cost of Physics Journals" to appear in a forthcoming issue of Physics Today (survey includes astronomy journals).

Sarah also passed out flyers from ASP on their new colloquium series. ASP will be publishing 5 colloquia this year, all at reasonable prices (\$30 range). Considering the going prices of proceedings volumes from most publishers, it is in the best interest of our

budgets to support ASP's undertaking. You may place a standing order for all volumes or ask to be notified of each title as it appears. Obviously, they hope to have as many standing orders as possible. Sarah has additional copies of the flyer for those who didn't receive one or would like more information.

I share a message from Robyn Shobbrook on the IAU Thesaurus project. Robyn has input into her computer all the preliminary lists of the sections of the alphabet prepared by various astronomy librarians. There has been some comment and correction to these lists by assorted astronomers. She has cross-referenced A and B so far, very slow work which has been delayed to the necessary incorporation into the list of the new IAU preferred list of terms. She expects to bring copies of A-B to the IAU Colloquium in Washington. She comments, "Most thesauri I read about are the result of at least five years work; we have accomplished a lot in eighteen months."

Helen Knudsen reports that a group of astronomers at IPAC at Caltech have been funded by NASA to establish an extragalactic database. The NASA Extragalactic Database (NED) will be an up-to-date, object-oriented archive accumulating all published data relevant to extragalactic objects. It will provide data, bibliographic references, and abstracts from scientific literature and from catalogs, as well as references to data archives generated by NASA missions and other observatories. NED will allow comprehensive data searches for named objects, positional searches, keyed searches for objects whose parameters satisfy specified conditions, and searches through the abstract database using intelligent information access software. NED will be accessible in about mid-1989, although the contents will be incomplete at that time. The developers hope librarians will be among the first users, and they want input from librarians during the development process. Contact Helen for further information.

Joyce Rey-Watson reports that the NASA-sponsored connection to SIMBAD is being tested, and they hope to be demonstrating at LISA. This connection would give free telecommunication access to US libraries, allowing us to bypass Telenet [hooray!]. At the time of the meeting she did not know what the requirements for use of the connection would be. The new version of the SIMBAD manual is almost ready; Strasbourg is making updates and cleaning up anomalies. Draft copies should be available at LISA.

Joyce also reported that A & A Abstracts expects to be available online, but there is STILL no time frame given.

We discussed SIMBAD costs using Telenet. Helen has found that if she multiplies the number of lines in the save file by \$0.04, the result seems to be very close to the cost of the search (i.e., 4 cents a line). Marlene reports (in absentia) that her average based on 800-900 objects is about \$2 Canadian per object search for both measurements and bibliographies.

Helen and Joyce, by the way, are good resources for talking people through their first SIMBAD logon and search.

Many people report problems with Kluwer's Massachusetts office, particularly with billing, straightening out problems, credits, etc.

Dave Stern has discovered at Illinois a 10-year card file of physics and astronomy conferences. He will check it against various existing meeting lists to see if the effort of putting it online would be worthwhile.

Rita Lerner announced that AIP has updated their Physics/Astronomy classification scheme.

Brenda gave an update on the LISA preparations. As of this writing, the final mailing which includes the draft program has gone out, and there are about 100 registered attendees. An issue of the PAM Bulletin and SLA membership brochures will be in the registration packet.

We discussed publishing format and publisher for the LISA proceedings to be edited by George Wilkins (RGO) and Sarah Stevens-Rayburn. We felt we should avoid both Kluwer (high prices) and library publishers (limited market). We felt the proceedings would be of interest to astronomers in charge of libraries, libraries whose libraries include some astronomy, and of course to both those librarians who are registrants and those unable to attend. The ideal might be distribution by an astronomy institution, either as part of one of its series or as a separate, but we all agreed it is unlikely any institution has the money to do such production and distribution.

By the time this issue of the Bulletin reaches you, IAU Colloquium 110 will have taken place, and there will have been further updates on many of the topics we discussed. We are all looking forward to the meeting with great excitement, not only for the actual content of the discussions, but for the opportunity of meeting colleagues from other countries. Once again, we thank SLA for their generous contribution toward LISA.

Astronomy News

At the LISA Conference it was suggested that the western libraries adopt a non-western library to provide support and materials. Marlene Cummins of the University of Toronto has volunteered to coordinate this project. More information will be in a future issue of this Bulletin.

I have just received an ad from Kluwer, New Titles in Science and Technology 88/4, which contains an ad for Plasma and the Universe dedicated to Hannes Alfven, available July 1988 for \$139.00. What the ad neglects to say is that the advertised volume is a reprint of Astrophysics and Space Science Library, vol. 144, May 1988. At Colloq. 110 I spoke to Gert Kiers, telling him that librarians really objected to Kluwer's practice of advertising volumes without stating if the volume was a reprint. Kiers swore up and down that they NEVER did this, and said if anyone EVER saw an ad like this they should let him know. I am sending him a letter with copies of the ad and journal volume title page attached, and I hope others will do likewise. His address: Gert Kiers, Kluwer Academic Publishers, Spuiboulevard 50, PO Box 17, 3300 AA Dordrecht, Netherlands (from Ellen Bouton, NRAO)

LISA 1988: General Impressions from a Member of the Local Organizing Committee

Brenda G. Corbin

It is hard to believe that something that we planned for so hard and so long has now come and gone, but LISA achievements far exceeded what we dared to hope. There were approximately 125 participants from all parts of the globe with twenty-six countries represented. Although the program contents will be described by others in this and following issues, I wanted to give my general impressions of LISA.

From the opening reception at the Naval Observatory Library to the closing session at the Goddard Space Flight Center, there was a special "spirit" about the meeting that is hard to describe. There was a dark moment at the very beginning when the buses which were supposed to bring people to the opening reception from the Dupont Plaza Hotel and the Catholic University Dormitory did not show up at the proper time or the proper place. However, the situation was eventually saved after a great deal of panic and hair tearing by the local planners. When the reception was underway in the library and participants began to look at the other name tags, the "spirit" of the meeting began. Names that were only names on correspondence or e-mail messages became friendly faces. A great deal of getting acquainted and visiting was done that evening. By the end of the reception people were eagerly awaiting the beginning of the conference the next morning.

The coffee breaks and the lunch period seemed all too short that first day as people continued to get acquainted, look at poster papers and photos of libraries that many participants displayed. The opportunity for sharing ideas continued in the evening with a hospitality suite sponsored by Kluwer Academic Publishers.

The next day we heard more interesting papers and discussion in the morning, then took buses (which were on time!) to the Library of Congress for tours and presentations during the afternoon. Some tours at the LC seemed to be more interesting than others, depending on which group you were in, but we all enjoyed the presentations by John Price and Joe Price (no relation) on the Science and Technology Division and the Optical Disk Pilot Project. After some free time to browse about the different reading rooms, we were treated to a very lovely reception by the Library of Congress. Special thanks go to Ruth Freitag and Joe Price for helping to make this possible.

Saturday was a full program day, with a break in the middle for an informal lunch at the Naval Observatory. Guests were able to get a beautiful view of Washington from the roof of the Observatory, or see sunspots and solar flares with the 12-inch telescope which was equipped with a solar filter. Those of us riding on my bus even got a glimpse of George Bush (Vice-President of the U.S.) playing horseshoes outside his home which is on the grounds of the Observatory.

The Saturday evening banquet ended the Washington part of the program, and as the old phrase goes - "a good time was had by all." Gert Westerhout, Scientific Director of the Naval Observatory and member of the LOC acted as master of ceremonies. His comedic talents were in full force that evening as he introduced

the banquet speaker, Dr. Garrit Verschuur. Dr. Verschuur's address was witty and entertaining and gave us thoughts to ponder as we left. He spoke about the circumstance of scientific discovery using the life and career of E. E. Barnard, the amateur turned professional who was regarded as the foremost observational astronomer of his day.

Sunday was a free day for sightseeing as most people endured Washington's heat wave to visit the museums on the Mall. Some of us gathered in the hospitality suite that evening to continue relaxing and sharing ideas.

On Monday morning we boarded buses to go to the Goddard Space Flight Center for a morning of papers and tours in the afternoon. After lunch we visited the Goddard library, a lab where certain space components are assembled, and ended with a tour of the Visitors Center.

As we said goodbye to each other, we had many new professional colleagues as well as many new friends. The "spirit" continues as we all hope to share our resources and ideas.

One thing that made the meeting so special (at least in my mind) was the presence of so many astronomy librarians from many different countries and cultures. We learned how problems in India differ from those in China or in Poland. I again would like to express my thanks to those individuals who contributed to the housing fund, making it possible for many of the librarians to attend.

We are already talking about LISA III! It has been suggested that maybe in 5 or 6 years, we should have another meeting. As we all know, it is difficult for most librarians to find travel funds, so maybe 5 or 6 years would be the appropriate time scale for such meetings. Let us keep that special "spirit" alive as we start on new projects (i.e., the twin libraries project), and enlarge projects already underway (i.e., Union List of Astronomy Serials, 2nd ed.).

Mathematics Workshop

The Mathematics Workshop, held on June 14, 1988, at the SLA Annual Conference in Denver, Colorado, was well attended. The sign-up sheet never made its way completely around to those who came in after the meeting had started; however, there were over 30 people in attendance including several not affiliated with the P-A-M Division. As one can tell from the minutes, we spent most of the time discussing journal price increases, cancellations, etc. I think we reached a general conclusion that the solution, if one exists, requires a number of approaches -- one of the most important being the education of those who use and publish in the journal literature to what the real problems are.

Several participants suggested that the third topic, the impact of online catalogs, would be worth pursuing at next year's conference. We also thought it would be useful to publish citations to articles on the journal issue in the *P-A-M Bulletin*. If I am successful in getting the listserver set up for our group, we could use it as a current awareness service for the journal issue and other topics.

I want to thank Camille Clark of the University of Nevada for agreeing to take the minutes for me and for going "above and beyond" and putting them into final format. Please send any comments/corrections to

Joanne Goode, Math Sci Library, OB-9 POT, Univ. of KY, Lexington, KY 40506-0270 (606-257-8365) or goode@UKMA.BITNET).

Report from the Mathematics Workshop Submitted by Camille Clark

Over thirty librarians attended the workshop led by Joanne Goode (U. of Kentucky).

BITNET Group Mailing Address

Joanne Goode suggested the possibility of setting up a listserver at the University of Kentucky for BITNET mail of P-A-M members. New member names, announcements, etc., could be mailed to UK and then distributed to members from there. The list could be started with names of math librarians and if successful, could be expanded to all P-A-M members. More information from Joanne will be forthcoming.

Journal Prices

There appear to be many players in the game of journal pricing. Several librarians are alerting their faculty to this grave problem, especially those faculty who are on editorial boards. Jack Weigel (U. of Michigan) informed the group that his library director has been examining journals of certain publishers and comparing cost, size, and journal use. Jack distributed a copy of an article his director Richard Dougherty had published that outlines the "targeted" publisher project (*Library Journal*, 1988 May 15, pp. 27-29, "Periodical Price Escalation: A Library Response.")

Allen Wynne (U. of Colorado) mentioned that their library has gotten the Vice Chancellor of Finance involved with the journal price problem.

Bill LeVeque (AMS) outlined some suggestions as to what math librarians can do:

- 1) increase the awareness of math faculty to the journal price problem.
- 2) join with other sci-tech librarians to gather information and statistics that clearly describe the problem
- 3) urge sci-tech librarians to educate their faculty of the situation
- 4) get as much information as possible into print, e.g., *Chronicle of Higher Education*, etc., to document price increases, character counts, number of volumes or pages, etc.
- 5) educate scientific society members of the journal price problem to increase awareness at all levels.

The AMS published a price per character survey in the *Notices of the AMS* and plan another survey this winter.

Joanne Goode suggested that perhaps a panel discussion on the topic at an AMS meeting, or even an information booth, would impress upon math faculty that this is a national, not just a local, issue.

May Kay (Columbia U.) recommends attaching articles that discuss this problem to the lists that are sent to departments as another way to educate faculty that the problem is national rather than institutional. It was agreed that members should submit citations of these kinds of articles, as they are discovered, in the *P-A-M Bulletin*.

Cathy Greene (MIT) first sent three years of price data by publisher with her journal title list to their campus library committee. This committee then sent the lists for review to the appropriate departments. She suspects

suspects that some of the high-price publishers don't treat their contributors well and raising faculty consciousness about publisher pricing policies may help librarians build a coalition.

Nancy Gubman (NYU-Courant Inst. of Mathematical Sci.) purchases material with funding from the institute rather than from the library administration. Nancy compiled a list of journal titles for review and then presented the list to a committee made up of two mathematicians, two computer scientists, and herself. The finalized list was made available for review in the library and a letter was sent to all researchers to come to the library to examine the list and make comments if they wished.

Impact of Online Catalogs

Joanne Goode reported that after their LS2000 OPAC's were installed, many patrons "discovered" the math library on campus.

Paula Garrett (Fermilab) suggested that a discussion group on implementing online systems be established among the P-A-M members. Perhaps at next year's conference a roundtable discussion session could be scheduled on this topic.

Announcements/Information

•If you did not get a P-A-M Directory and wish to receive one, contact Dorothy McGarry at UCLA's Physical Sciences and Technology Library.

•Mary Kay is looking for a publication that serves as biographical index to articles on people in the math field. Contact her if you know of a source that does this.

•RLS is creating a core list of math journals taken from the Mathematical Reviews periodicals indexed list. The list is based on the 4+ (graduate/research level) as described in the RLC Conspectus. It will be ready this December and will contain approximately 1000 titles. Contact Mary Kay for information.

•A suggestion was made that the P-A-M Division schedule two sessions for each discussion workshop or expand the current sessions to two hours. Many members find these sessions to be one of the most valuable aspects of the conference.

•Nancy Anderson (U. of Illinois) is interested in talking with librarians about their experiences when they were new in the field and were trying to provide library services to math researchers.

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MATHEMATICS ANNOUNCEMENTS

Mathematics Journal Cancellations

The Mathematics Library of the University of Illinois at Urbana-Champaign has been directed to cancel \$5200 worth of serials in 1988/89. My library committee and I have thus cancelled the more obscure titles in order to save the core journal collection. I would appreciate hearing from other mathematics librarians if they are continuing to subscribe to these serials.

- Alkalmazott Matematikai lapok
- Arkhimedes
- Berichte Mathematisch-Statistische Sektion im Forschungszentrum Graz
- Bulletin of mathematics
- Bulletin of the Irish Mathematical Society
- DM report
- Euclides

- Fundamenta informatica
- Groupe d'Etude d'Analyse Ultrametrique
- [Publications]
- Journal of the M.A.C.T.
- Journal of natural sciences and mathematics
- James Cook mathematical notes
- Leitfaden der angewandten Mathematik und Mechanik
- Matematicko fiziki list na ucenike srednjih skola
- Match: Communications in mathematical chemistry
- Mathematical scientist
- Mathematical spectrum
- Mathematics lecture series
- Mathematiques et sciences humaines
- Menemul matematik
- Moscow University computational mathematics and cybernetics
- Moscow University mathematics bulletin
- Nieuw tijdschrift voor wiskunde
- Obzornik za matematicko in fiziko
- Publications du Laboratoire d'Analyse Numerique
- Report AM
- Report PM
- Rivista di matematica per scienze economiche sociali
- Soviet journal of contemporary mathematical analysis
- Sugaku
- Suhak
- Szigma
- Tugboat; TEX Users Group Newsletter
- USSR computational mathematics and mathematical physics
- Wladososci matematyczne

French Mathematical Seminars: Second Edition

I have good news for those of you who were wondering if you would ever see a second edition of *French Mathematical Seminars: A Union List*. I submitted it to the American Mathematical Society shortly after SLA. Michelle Oglvie at AMS tells me that it should be published this November. I've added about 100 new titles and corrected and updated many of the ones from the 1978 edition so this edition should be about twice as large as the first.

Nancy D. Anderson, Mathematics Librarian, University of Illinois at Urbana-Champaign

Physics Workshop

The Physics Workshop summary will be published in the next issue. In the meantime, anyone who does comparisons between Physics Abstracts and Physics Briefs, either online or in printed format, please contact Gary Davidoff, Argonne National Laboratory, 9700 Cass Ave., Building 203, Argonne, IL 60439.

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