

# BIOLOGICAL SCIENCES DIVISION SPECIAL LIBRARIES ASSOCIATION NEWSLETTER

SPRING 1975

## EDITOR'S NOTE

It's editorial time again! As summer approaches and we finalize the sixth issue in this format, several thoughts come to mind.

We've been successful in establishing a solid format for communication in the biological sciences. It's been inexpensive too.

We've been touted by our peers for making a new contribution to the field.

But as the newness wears off we, as reporters, find little information being supplied by our touting public, who only a year ago, expressed, by questionnaire, that a newsletter was absolutely essential for inter-field communication.

All the columns contained in the newsletter expressly ask for contributions from BSD members. Please make this newsletter grow; send your contributions to the column that interests you. What an opportunity to publish.

The editor will be in Chicago. Please plan to meet with us following the BSD business meeting and discuss the continued success of your publication.

## NEW MEMBERS

Since our last listing in the Winter 1975 Newsletter, 97 new members have been added to the ranks of the Biological Sciences Division. A hearty welcome to one and all!

## AV SECTION

One of the first steps in the establishment of an AV Center should be the acquisition of a basic collection of materials relating to such a center. Toward this end, the following bibliography is offered. No attempt has been made to be comprehensive or highly selective. The list exists simply as a starting point for the person charged with starting or maintaining a small to medium sized facility. It covers such broad subject categories as cataloging, educational theory, equipment, administration and reference.

### Cataloging:

AV cataloging and processing simplified. J. Johnson. Raleigh, N.C. Audiovisual Catalogers, Inc. 1971.

Cataloging non-print at NMAC; a guide for the medical librarian. National Medical Audiovisual Center. Atlanta, Ga.

Medical Subject Headings. National Library of Medicine (published separately and as part of Index Medicus. DHEW Publication No. (NIH) 74-265.

Non-book materials cataloging rules. (working paper 11) Library Association, Media cataloging rules committee, National Council for Education Technology with the Library Association. NCET 1973.

Standards for cataloging, coding and scheduling educational media. Dept. of Audiovisual Instruction, National Education Association, Wash., D.C. 1968.

### Education:

AV instruction; technology media and methods. Brown, Lewis & Hacteroad. McGraw-Hill, 1973.

AV instructional technology manual for independent study. Brown & Lewis. McGraw-Hill, 1973.

Audiovisual methods in teaching. E. Dale. N.Y. Dryden Press, 1969.

Education inside the library-media center. R. W. Hostrop. Hamden, Conn. Linnet Books, 1973.

Educational media: theory into practice. R.V. Wiman & W. D. Melcher. Columbus, Ohio. Merrill Publishing, 1969.

Fundamentals of teaching with audiovisual technology. Erickson & Curt. New York. MacMillan, 1972.

An inquiry into the uses of instructional technology. J. W. Armsey & N. C. Dahl. New York (A Ford Foundation Report), 1973.

Instructional technology; its nature and use. W. A. Wittich & C. F. Schuller. Harper & Row, 1973.

### Equipment:

The audio-visual equipment directory. National Audio-Visual Association, Inc. 1972-73 18th ed.

An audiovisual primer. M. Goudket. New York. Teachers College Press, 1973.

Audiovisual equipment; self instruction manual. S. C. Oates. 2nd ed. 1971. W. C. Brown Co.

Introduction to AV Sound Maintenance. M. Dickstein 1974.

The video primer, equipment, production and concepts. R. Robinson. New York. Links Books, 1974.

### Establishing & Administering an AV Center:

Administering educational media; instructional technology and library services. J. W. Brown (and others) McGraw-Hill, 1972.

Audiovisual media and libraries, selected readings. E. T. Prozano. Littleton, Colo. Libraries Unlimited, Inc., 1972.

Establishing a learning resource center; a final report on Grant No. 5-CO8-LM-01102. R. A. Benschoter (and others) University of Nebraska Medical Center Library of Medicine & the Biomedical Communications Center. (6/1/71-5/31/74)

Instructional media center; bold new venture. H. S. Davis. Bloomington, Indiana University Press, 1971.

Guide to the development of educational media selection centers. Chicago American Library Association (ALA studies in librarianship No. 4) 1973.

### Reference to further AV information:

Audio-visual resource guide. N. Abrams. Friendship Press, 1972.

Audio visual market place; a multimedia guide. 74-75. N. Y. Bowker, 1969.

Non-book materials and the librarian; a select bibliography. J. R. Andrew. Pub: AsLib audio-visual group, 20 Flaxman Terrace, London WC1 (books, pamphlets, papers, etc. since 1965).

A reference guide to audiovisual information. J. L. Limbacher. New York. Bowker, 1972.

ROYDEN R. JONES,  
AV Librarian,  
Welch Medical Library  
Johns Hopkins University  
1900 E. Monument St.  
Baltimore, Md. 21205

Biological Sciences Newsletter supplied free of charge to Division members. Not available to non-members.

Persons wishing to contribute information or announcements for the next issue should submit material to: Susan Gensel, Editor, Cold Spring Harbor Laboratory, Library, P.O. Box 100, Cold Spring Harbor, New York 11743.

PUBLICATIONS BY LIBRARIANS

It is always a pleasure to receive responses to a letter. Karen Butter, University of Utah Extension Reference Librarian, responded to the request for contributions made in the first appearance of this column in the Newsletter (Fall 1974). She brings to our attention the following four handbooks authored by a librarian in the large area of the life sciences -- this time, from the applied area of the medical field. The contributions are by Anne Cramer, who was the extension librarian at the University of Utah until 1972. They are available from the Eccles Medical Sciences Library, Hospital Library Handbooks, University of Utah, Salt Lake City, Utah 84112, with checks payable to the Eccles Medical Sciences Library.

(BSD-2-75) Hospital Library Administration. (Hospital Library Handbook No. 1). Anne Cramer. Salt Lake City, Intermountain Regional Medical Program, Network for continuing Education, 1971. 25 pp. \$2.00

(BSD-3-75) Hospital Library Development. (Hospital Library Handbook No. 2). Anne Cramer. Salt Lake City, Intermountain Regional Medical Program, Network for Continuing Education, 1972. 46 pp. \$2.00

(BSD-4-75) Printed Materials: Selection and Acquisition. (Hospital Library Handbook No. 3). Anne Cramer. Salt Lake City, Intermountain Regional Medical Program, Network for Continuing Education, 1972. 57 pp. \$2.00

(BSD-5-75) Hospital Librarians First Aid Kit: Essentials in the Care of Books and Journals within the Hospital Library. (Hospital Library Handbook No. 4). Anne Cramer. Salt Lake City, Intermountain Regional Medical Program, Network for Continuing Education, 1971. 23 pp. \$2.00

If you know of works by a librarian, especially publications by yourself, send the information to me at the address at the end of the column. The usual bibliographical elements are needed, e.g., title, author, place of publication, publisher, date, pagination, availability, and price. Your contributions are most welcome. Take advantage of this opportunity to share with others.

VIRGINIA R. WEISER  
Life Sciences Librarian  
Sciences-Engineering Library  
University of California  
Santa Barbara, Calif. 93106

LIST OF JOURNALS

NEW JOURNALS IN 1975!!!

Biofeedback and Self Regulation; An Interdisciplinary Journal  
v. 1 - 1975 - Plenum - q. \$36.00

Biosciences Communications  
v. 1 - 1975 - Karger - b.m. \$54.00

Environmental Geology  
v. 1 - 1975 - Springer Verlag - b.m. \$59.00

Journal of Chemical Ecology  
v. 1 - 1975 - Plenum - q. \$35.00

Journal of Cyclic Nucleotide Research  
v. 1 - Jan. 1975 - Raven - m. \$40.00

Sex Roles; A Journal of Research  
v. 1 - 1975 - Plenum - q. \$35.00

BRIEF NOTES!!!

Annals of Human Biology; Journal of the Society for the Study of Human Biology  
v. 1 - 1974 - Taylor & Francis, Ltd. - q. \$33.75

Bioelectrochemistry and Bioenergetics  
v. 1 - Mar. 1974 - Birkhaeuser Verlag - q. \$63.25

British Journal of Clinical Pharmacology  
v. 1 - Feb. 1974 - Macmillan - b.m. \$53.23

Chemical Senses and Flavor  
v. 1 - Jan. 1974 - D. Reidel - q. \$64.70

Journal of Child Language  
v. 1 - May 1974 - Cambridge Univ. Pr. - s.a. \$19.50

Journal of Clinical Periodontology  
v. 1 - 1974 - Munksgaard - q. \$29.55

Journal of Family Practice  
v. 1 - May 1974 - Appleton-Century-Crofts - a. \$25.00

Journal of Oral Rehabilitation  
v. 1 - Jan. 1974 - Blackwell - q. \$42.40

Journal of Preventive Dentistry  
v. 1 - May/June 1974 - Lippincott - b.m. \$14.00

Journal of Rheumatology  
v. 1 - 1974 - 45 Charles St. E., Toronto M4Y 1S3 - q. \$16.00

Medical and Pediatric Oncology  
v. 1 - 1974 - Alan R. Liss, Inc. 3 issues/year - \$19.50

Water Resources (cover-to-cover translation of Vodnye Resursy)  
v. 1 - 1974 - Plenum - b.m. \$190.00

DID YOU MISS???

Art Psychotherapy  
v. 1 - Apr. 1973 - Pergamon - q. \$30.00

Biomaterials, Medical Devices, and Artificial Organs  
v. 1 - 1973 - Dekker - q. \$35.00

Biomedical Communications  
v. 1 - 1973 - United Business Publications - q. \$3.00

Clinical Nephrology  
v. 1 - Jan./Feb. 1973 - Dustril-Verlag - b.m. \$25.00

Community Dentistry and Oral Epidemiology  
v. 1 - Oct. 1973 - Munksgaard - b.m. \$36.80

Contemporary Ob/Gyn  
v. 1 - Jan. 1973 - McGraw-Hill - m. \$15.00

Drug Metabolism and Disposition: The Biological Fate of Chemicals  
v. 1 - Jan./Feb. 1973 - Williams & Wilkins - b.m. \$42.00

Infection  
v. 1 - 1973 - J. F. Lehmanns Verlag - q. \$35.00

Intervirolgy  
v. 1 - 1973 - Karger - m. \$30.00

Journal of Abnormal Child Psychology  
v. 1 - Jan./Mar. 1973 - Am. Psychol. Assn. - q. \$30.00

Journal of Bio-Feedback  
v. 1 - Feb. 1973 - Bio-Feedback Technology, Inc. - issues and prices not available

Journal of Biological Physics  
v. 1 - 1973 - Univ. Pubs., Blacksburg, Va. - q. \$35.00

Journal of Biological Standardization  
v. 1 - Jan. 1973 - Academic - q. \$23.50

Journal of Perinatal Medicine  
v. 1 - 1973 - Walter De Gruyter - q. \$56.25

Journal of Pharmacokinetics and Biopharmaceutics  
v. 1 - Feb. 1973 - Plenum - b.m. \$32.00

Journal of Psychiatry and the Law  
v. 1 - 1973 - Federal Legal Publications - q. \$24.00

Medicolegal News  
v. 1 - 1973 - Am. Soc. of Law & Medicine - q.

Memory and Cognition  
v. 1 - Jan. 1973 - Psychonomic Society - q. \$12.50

Pediatric Radiology  
v. 1 - 1973 - Springer Verlag - q. \$42.15

Physiological Psychology  
v. 1 - Mar. 1973 - Psychonomic Society - q. \$12.50

Science, Medicine, and Man  
v. 1 - Apr. 1973 - Pergamon - q. \$30.00

Toxicology  
v. 1 - Mar. 1973 - Elsevier - q. \$33.75

Ultrasound in Medicine and Biology  
v. 1 - Sept. 1973 - Pergamon - q. \$40.00

Urology  
v. 1 - Jan. 1973 - Professional Medical Services Company - m. \$25.00

9. What is the endowment of the Pasteur Institute in Paris?
10. What organism was used in the original studies which showed that puromycin inhibited protein synthesis?
11. Recent information on the prune belly syndrome.
12. What is the antibiotic of first choice in Serratia infections?
13. Detailed list of metabolic disorders associated with uric acid metabolism.
14. What professional athletes have competence and/or advanced degrees in the bio-medical sciences? E.g., George Medich, the Yankee pitcher, who is a medical student at the University of Pittsburgh.
15. What is the incidence of spontaneous remission in acute lymphoblastic leukemia and acute myeloblastic leukemia?
16. Has it been documented that if a surgeon were to develop a neurosis it would be obsessive compulsive behavior while an internist would exhibit anxiety reactions?
17. What has been written in medical journals on injuries due to letter bombs?

Again, I ask you to submit your interesting questions and searches for a "real" exchange in this column. Let me hear from you!

JAMES E. BOBICK  
Biological and Medical Reference Librarian  
Sciences Library - Box 1  
Brown University  
Providence, R. I. 02912

#### REFERENCE AND SELECTION TOOLS - CHEMISTRY

The Use of Chemical Literature. Edited by R. T. Bottle. (Information Sources for Research and Development Series). 2nd edition, Hamden, Conn., Archon Books, The Shoe String Press, Inc., (c) 1969. 294 pp. \$10.00

The second edition of this book, so important in the literature of chemistry, was the first in the series cited above. Many of the chapters in the first edition were based on lectures given between 1959 and 1962 in courses at the Liverpool (England) College of Technology in collaboration with LADSIRLAC. Because of the changes in the nature and pattern of chemical literature since 1962, most of the chapters have been almost completely rewritten. Two new chapters (Polymer Science) and (Some Less Conventional Sources of Information) have been added. There are new sections on spectroscopic data, general physical chemical works and physical methods. Chapter appendices are also new and include "interdisciplinary indexes", "chemical prices and supplies" and "specifically organic aspects". There are new exercises to broaden the scope of the practical work and a Brief Glossary of Abbreviations, Acronyms and Miscellaneous Useful Terms which are grouped in Appendix I. Appendix II covers "Suggestions for Practical Work". Many of the chapters have bibliographies.

The broad range of information covered can be noted from the chapter headings, some of which are: "Libraries and Their Use", "Primary Sources", "Abstracts, Abstracting and Information Retrieval", "Translations and Their Sources with Special References to Russian Literature", "Background Information and Ancillary Literature", "The Use of Standard Tables of Physical Data and Other Physico-Chemical Literature", "Inorganic Chemistry", "Nuclear Chemistry", "The Use of Patent Literature", "Government and Trade Publications of Interest to the Chemist", "Some Less Conventional Methods of Obtaining Information", "The History and Biography of Chemistry" and "Practical Use of Chemical Literature".

Six of the chapters were written by the editor; the others by various authors in their special fields. The information specialist working with the literature of chemistry in an academic, research or industrial setting will surely regard this book as an excellent and frequently used guide.

Chemical Publications: Their Nature and Use. 4th edition. By M. G. Mellon. New York, McGraw-Hill & Co., (c) 1965. 324 pp. \$12.95

The author of this comprehensive text is a professor emeritus of analytical chemistry at Purdue University and in addition to his knowledge and the ability to transmit it to others, possesses a sense of humor as illustrated by a portion of his 'poem' below:

The Literature,  
The chemical literature-  
When in doubt look it up in the literature...  
In Journal this or Zeitschrift that, Comptes rendus or Zentralblatt,  
It's somewhere  
In the literature.

Dr. Mellon details the history of the literature of chemistry with notes on early books and an outline of chemical publications. Primary sources discussed include periodicals, institutional publications, the literature of patents and miscellaneous contributions such as dissertations and manufacturers' technical publications.

Secondary informational sources described are periodicals and serials including index serials, abstracting journals and review serials, bibliographies and reference works such as formula indexes, tabular compilations, dictionaries and encyclopedias, formularies and treatises, monographs and textbooks.

Guides and directories are designated as tertiary sources. These are general guides, biographical works, scientific and technical societies, book lists, language dictionaries, laboratory planning and administration, directories, trade catalogs and financial data.

Even though this book bears a 1965 copyright, it contains much information which is still useful.

An Introduction to Chemical Literature. 4th edition. By R. S. Cahn. New York, Halsted/Wiley, 1974. 120 pp. \$6.95. Paper.

This updated introduction to chemical nomenclature brings the author's new edition in line with today's IUPAC-recommended rules. Instead of merely listing the rules, Dr. Cahn details the derivation, logic and principles of nomenclature and illustrates usage by many examples. American conventions are used, although the book is British. Because it is an "introduction", areas of specialization are referred to mainly in bibliographic form. However, the book will be a useful tool for the librarian working with the professional chemist or student in the field.

The Practicing Chemists: A History of the Society for Analytical Chemistry 1874-1974. R. C. Chirnside and J. H. Hammence, editors. London, Society for Analytical Chemistry, 1974. 225 pp.

If you can afford to buy a book you won't be using everyday, this could be a gem in your collection. The information is all there when you need it in a rush (as always). The origin, membership, publications, name and finances of the society are arranged in this one source and will save you much searching time.

Concise Chemical and Technical Dictionary. 3rd edition. H. Bennett, editor. New York, Chemical Publication Company, (c) 1974. 1175 pp. \$35.00.

This is the new edition of a reference tool that is probably familiar to all of you. Additions include definitions of new drugs, chemicals, trademark products and terms used for the most recent technical developments. Definitions now number well in excess of the original 50,000.

McGraw-Hill Dictionary of Scientific and Technical Terms. Edited by D. N. Lapedes. New York, McGraw-Hill, 1974. 1634 pp. \$39.50.

There are almost 100,000 definitions and 2800 illustrations in this volume, which, although not compiled for chemists in particular, will be appropriate for the reference collection of a chemical library. The scope of its contents varies from United States Customary System and the Metric System to Symbols and Atomic Numbers for the Chemical Elements. Material for the dictionary was taken from about 20 dictionaries, glossaries and handbooks, all updated and well-established. The definitions were written by the specialized staff of the McGraw-Hill Encyclopedia of Science and Technology and its contributing editors.

ANN LECLAIRE  
Medical Librarian  
The Miriam Hospital  
Providence, Rhode Island

#### LIBRARY DISPLAYS

A recent collection of blood from employees for the Blood Bank prompted me to get together an exhibit on "The History of Blood Transfusion". The Blood Bank was set up near the library, so I thought that the people giving blood might be interested in learning about what led up to these modern methods of transfusion.

I try to arrange my displays for some special occasion. A captive audience is not always easy to find. But here I had the interest and the audience, so I made use of the combination.

This is the outline of the information used:

1665 - Richard Lower, an English physician, experimented with two dogs. He connected the two from the cervical artery of the donor to the jugular vein of the recipient. The receiver dog had been bled to a point near death, but revived when he had received a quantity of the donor's blood.

1667 - Jean Denis, physician to Louis XIV, transfused 9 ounces of blood from a lamb into the veins of a young man who was mentally ill. The technique was successful, but did the patient no harm; neither did it improve his mental condition. The fourth patient used in this experiment died. Denis was accused of being a murderer, but was acquitted. However, the court decided that transfusions were to be prohibited, and the practice of transfusion lay dormant for 150 years.

1818 - James Blundell, English obstetrician, transfused human blood into patients with postpartum hemorrhage. He developed a syringe for transfusion.

1900 - Karl Landsteiner, Austrian biologist, discovered the existence of blood groups. He devoted his life to study of Blood Immunology and discovered the RH antigens. He received the Nobel Prize in Medicine and Physiology in 1930.

1914 - M. Hustin of Belgium was the first to introduce citrated blood in clinical medicine. Richard Lewisohn of Mt. Sinai Hospital in New York worked out the dosage of citrate to be used and is responsible for the introduction in this country of citrate as an anticoagulant.

NEW!!! FOR THE LIBRARIAN!!!

Three bimonthly newsletters:

1. The Serials Librarian
2. The De-Acquisitions Librarian
3. Library Security Newsletter

"YES, we will send you a FREE sample... for evaluation."

Haworth Press  
130 West 72nd Street  
New York, New York 10023

JAMES E. BOBICK  
Biological and Medical Reference Librarian  
Sciences Library - Box 1  
Brown University  
Providence, R. I. 02912

TRANSLATIONS

Since the anticipated - and solicited - flood of contributions from the field on the subject of translations has not yet materialized, here's just a trickle this time:

Translations Bulletin (monthly) published by the National Lending Library for Science and Technology (NLL) Boston Spa, Yorkshire, England. Subscription p.a. £ 2/14/0 (\$4.00). It includes:

1. Translations of short articles, usually Russian, wide range of interests.
  2. List of Russian books received at NLL.
  3. Translations of books available on loan.
- Requests for translation of Russian articles are accepted.

PB-235 868/7GA (listed in Government Reports Announcements 24) BLL, Boston, Spa, England. List of books received from the USSR and translated books, July 74, 61 pp. Paper copy \$4.25/ microfiche \$2.25. Available from NTIS, 5285 Port Royal Road, Springfield, Va. 22161. (Prepayment or deposit account required.)

Please send your contributions on this subject to:

ERHARD SANDERS 151K  
Tech. Info. Specialist  
V. A. Hospital  
Hines, IL 60141

DUPLICATE EXCHANGE

Here is an opportunity to help a newly established Duluth branch medical library complete its files by sending lists of your duplicates to:

Arthur W. Hafner, Ph. D.  
Assistant Professor and Director, Educational Resources  
School of Medicine  
Health Science Library  
Duluth Campus Library  
University of Minnesota, Duluth  
Duluth, Minnesota 55812

On request Dr. Hafner will mail an over fifty page list of the library's needs and self-addressed labels. Wanted especially are Index Medicus volumes published before 1968 and backfiles of biological, dental, medical and veterinary medicine journals.

Foreign libraries needing help are:

Rev. Fr. Felix Ortega, OAR  
President, University of Negros Occidental  
Bacolod City, Philippines  
P. O. Box 214

The above library needs books on agriculture, chemistry, engineering and physics published after 1950. An offer is made to pay shipping costs, but libraries in the United States may use the services of the International Exchange Service of the Smithsonian Institution, Washington, D. C., or Project Hand Clasp of the United States Navy, and thereby reduce the cost.

Odonti Immanuel Nelco  
Science and Technology Institute  
Kpandu, V/R Ghana, West Africa

The above wants books on science and technology.

Dr. Hanna Nasir, President Birzeit College  
Rmallah, Occupied Palestine  
c/o ANERA, 735 15th Street, N.W. Room 900  
Washington, D. C. 20005

The above needs books on college level.

Any library that has duplicate issues of Surface Science, 1964-1969, should offer them to:

Mary E. Lassanyi  
Chief, Library Bureau  
Department of the Army  
Frankford Arsenal  
Philadelphia, Pa. 19137

The Duplicate Exchange List of the Southern California Chapter is now being typed. The list of offers is over nineteen pages and a limited number of copies will be available to those asking for it. There are a great number of technical titles available and also a varied assortment of titles. It is planned to keep the file on-going by requesting each participant and recipient to notify the Duplicate Exchange Committee whenever a need has been filled and also when a duplicate is no longer available. Recipient libraries should refund postage when it is requested and especially when it is over twenty-five cents. Donor libraries should inform their mailing departments to use the library material rate unless the requesting library specified otherwise. A copy of the letter to donor libraries should also be sent so that Mrs. Sherril L. Hisaw, HITCO Technical Library, 1600 West 135th Street, Gardena, California, 90249, may justify the time and use of the firm's facilities.

To keep the list on-going more lists of duplicates and needs may be sent as they are available. Comments on the format of the first list will be appreciated as well as active participation.

MARGARET CRESSATY  
1491 North Holliston Avenue  
Pasadena, California 91104

ed. - Margaret Cressaty also sent along the following, which we thought worth noting: Mrs. Hisaw had three boxes of the duplicate exchange cards in her car. The car was parked on the street while she went into a bookstore in Long Beach. When she came out, she found the police ready to break into her car. Evidently someone had noted the sign "S. L. A." on each box and had notified the police under the impression that these boxes belonged to another organization with the same initials. More or less the same thing happened to me. In signing into a library, I wrote "S. L. A." as my organization, since I was on S. L. A. business; later the attendant asked me what "S. L. A." stood for. So, S. L. A. members should be careful, or, perhaps this is an opportunity to tell what the organization is and how much it does.

M. C.

FLASH - ELECTION RESULTS!

We have just received word of the following election results for the Biological Sciences Division of SLA. Each position was extremely close, we were informed, won by approximately 20 votes!

Vice Chairman/Chairman-Elect	John A. Timour
Secretary/Treasurer	Rita Kane
Advisory Committee	Susan Y. Crawford

REFERENCE QUESTION EXCHANGE

The following questions and requests were representative of those that came to me during the current semester:

1. What is the "simplest eucaryotic autotroph"?
2. Locate the article describing the original technique for isolating pure lac operon DNA.
3. What is the structure and mode of action of prymnesin in altering the permeability of cell membranes?
4. What individual(s) coined the term "episome"?
5. Information on the effect of coresidential dormitory living on the self-image of college women.
6. "Would like an extensive list of health occupations".
7. Is it true that suicide notes are usually boring?
8. Locate the article that stated that thoracic surgeons enjoy the highest level of prestige in the eyes of their peers.

- 1916 - Peyton Ross and J. R. Turner discovered that adding glucose to blood lengthens the life-span of erythrocytes, thus permitting "delayed" transfusion.
- 1921 - Registry of voluntary blood donors founded in England.
- 1930 - Sergel S. Yudin of Russia used cadaver blood successfully to treat hemorrhage.
- 1937 - First U. S. Blood Bank established by Bernard Fantus at Cook County Hospital, Chicago. He formulated a set of rules on the organization of the "bank" to meet the demand.
- 1963 - Charles Huggins, Massachusetts General Hospital, discovered freezing method of blood preservation allowing 2 year storage. He invented the crytglomerator for frozen blood storage.

The following references were used:

- Brown, H. M. The Beginnings of Intravenous Medication. Ann. Med. Hist. 1:177, 1917.
- Diamond, L. K. The History of Blood Banking in the United States. J. Am. Med. Assn. 193:40, 1965.
- Fantus, B. The Therapy of Cook County Hospital. Blood Preservation. J. Am. Med. Assn. 109:128, 1937.
- Huggins, C. E. Frozen Blood. Ann. Surg. 160:643, 1964.
- Hutchin, Peter. History of Blood Transfusion: A Centennial Look. Surgery 64:685, 1968.
- Landsteiner, K. Individual Differences in Human Blood. Science 73:403, 1931.
- Lewisohn, R. Blood Transfusion: 50 Years Ago and Today. Surg., Gynec. & Obstet. 101:363, 1959.
- Yudin, S. S. Transfusion of Cadaver Blood. J. Am. Med. Assn. 106:997, 1936.
- Zmijewski, C. M. Immunohematology. 2nd ed. 1972, New York, Appleton-Century-Crofts.

There were pictures in some of the references which were used for illustrative material.

KAY BARKLEY,  
Medical Librarian,  
Jewish Hospital Medical Library  
Cincinnati, Ohio 45229

#### EASTERNMOST MEDICAL SCHOOL LIBRARY MOVES TO NEW QUARTERS

The Medical Library of Memorial University in St. John's, Newfoundland, has recently moved to new quarters in the Health Sciences Centre of the University. Established in the fall of 1969, it was previously housed in temporary facilities on the main campus of the University. The library, in moving from its old quarters, actually moved several hundred yards closer to the Pacific Ocean, but still remains the easternmost medical school library in North America while serving the newest Canadian medical school. The new library will provide shelving for over 135,000 volumes and seating for 395 users. Seating accommodations include tables and chairs, individual study carrels, group study rooms and lounge furniture. An audio-visual area within the library provides facilities for using video tapes, motion pictures, slide-tape sets and related media. The library occupies a portion of the first level within the Centre with over 32,000 net square feet of assignable space. The Centre itself, another Newfoundland superlative, represents the largest building in the Province. The Medical Library is fully carpeted and features a variety of brightly colored accent walls. A Canadian MEDLINE Centre, the Medical Library serves all health professionals practicing in Newfoundland and Labrador and also serves as the resource centre for all health science libraries in the Province. The present staff of the library numbers 20 FTE and is directed by Richard B. Fredericksen.

#### IMPROVING THE EFFECTIVENESS AND EFFICIENCY OF SCIENTIFIC AND TECHNICAL INFORMATION SERVICES

August 10-15, 1975

#### 1975 ENGINEERING FOUNDATION CONFERENCE

The Engineering Foundation will sponsor a conference entitled "Improving the Effectiveness and Efficiency of Scientific and Technical Information" at New England College, Henniker, New Hampshire, on August 10-15, 1975. Ben H. Weil, Senior Staff Advisor, Exxon Research and Engineering Company, will be chairman of this conference. Co-chairman is David L. Staiger, Director of Publications Production for the American Institute of Aeronautics and Astronautics.

Co-sponsors of the conference are the Engineers Joint Council and the Industrial Research Institute. Others active in the organization of the conference are the National Science Foundation's Office of Science Information Service, the Information Industry Association, and the National Federation of Abstracting and Indexing Services.

The conference is designed to help improve the productivity of engineers and scientists through better application of STI. This will be attempted by informing STI managers about major new research findings on STI promotion, transfer, use, and economics, and about sophisticated new STI systems and services for information and data. Vis-a-vis, the conference will inform communications-area researchers, journal editors, and others about the needs and practices of STI-service managers.

Four sessions will focus on related innovative technology, and three sessions and a panel discussion will be devoted to economic, political, and social environmental factors. Broad topics include on-line lithographic services, document delivery, data systems, and information publishing. The final session will deal with planning directions.

The Engineering Foundation Conferences were established in 1962 to provide an opportunity for the exploration of problems and issues of concern to engineers from many disciplines. The format of the conferences is designed to encourage discussion of recent developments and to provoke suggestions concerning profitable methods of approach for making progress. It is intended that all attendees will participate actively in the discussions. The atmosphere at the conference is informal and relaxed in order to facilitate open discussions. Casual attire is suggested; ties and jackets are not required.

Attendance is by application or invitation. The conference fee is \$195.00 for registration, double occupancy accommodations and meals. A single room carries a \$15 surcharge. Registration received less than one week prior to the conference date will be charged an additional \$25.

Address further inquiries to the Engineering Foundation, 345 East 47th Street, New York, New York 10017.

#### SPECIAL LIBRARIES ASSOCIATION BIOLOGICAL SCIENCES DIVISION ANNUAL REPORT 1974/75

- FISCAL** The Biological Sciences Division began the fiscal year having progressed from previous deficits to a surplus of funds (fiscal report from Marie Harvin will follow at a later, prescribed date).
- PUBLICATIONS** Although the Reminder has remained suspended (since 1972), the Newsletter edited by Susan Gensel has increased in frequency and quality in both 1973/74 and 1974/75. Both the Fall 1974 and Winter 1975 issues were eight pages in length with sections too numerous to mention in this document. One additional issue is scheduled for this year (ed. note - this is it). Written and telephoned compliments to the Newsletter and Sue were continual during the year. No other publication projects were discussed during this year.
- PROGRAM** Joanne Crispin served as program chairperson for the Chicago meeting. Plans for this excellent program are attached. (ed. note - not printed here, because of space restrictions).
- NOMINATING** The Nominating Committee, chaired by Laura Osborn Jacobson, proposed the following officers. Results of the election are noted on page 3 of the Newsletter.

Vice Chairman/Chairman-Elect:

John A. Timour  
Nannette Pope

Secretary/Treasurer:

Rita Kane  
Flora H. Wellington

Advisory Committee:

Susan Y. Crawford  
Emil F. Frey

#### REPORT FROM THE TRI-COUNTY LIBRARY COUNCIL, KENOSHA, WISCONSIN

The first edition of Libraries and Information Centers in Southeastern Wisconsin is now available from the Tri-County Library Council. This new reference work represents a first step toward an overall inventory of knowledge resources in the seven county southeastern Wisconsin region. The directory represents the combined efforts of the Library Council of Metropolitan Milwaukee and the Tri-County Library Council.

Entries in the 332 page, 8 1/2 x 11 inch paperback include detailed descriptions of 188 library and information centers and 54 school districts, including information regarding collections, staff, hours, services, and borrowing privileges. Also included are a geographical index, a map of southeastern Wisconsin, a guide to subject strengths and special collections, and informative sketches of professional associations in library and information science.

The cost of the directory to non-members is \$10.00. Checks and purchase orders should be sent to:

Tri-County Library Council  
c/o UW-Parkside Library, D-115D  
Kenosha, Wisconsin 53140

MARY ALICE SEEMEYER  
Coordinator

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