

ED 389 325

IR 055 713

TITLE The Commission on Preservation & Access: Annual Report, July 1, 1994 to June 30, 1995.

INSTITUTION Commission on Preservation and Access, Washington, DC.

PUB DATE 95

NOTE 40p.; For 1994 Annual Report, see ED 375 860.

AVAILABLE FROM Commission on Preservation and Access, 1400 16th Street, N.W., Suite 740, Washington, DC 20036-2217 (free while supplies last).

PUB TYPE Reports - Descriptive (141)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS Access to Information; Advisory Committees; Annual Reports; Communication (Thought Transfer); Digital Computers; *Information Storage; Information Technology; *International Programs; Library Technical Processes; *Preservation; Records Management; Scientific Research

IDENTIFIERS Brittle Books; *Commission on Preservation and Access; Digital Technology; National Endowment for the Humanities

ABSTRACT

The Commission on Preservation and Access was established to foster, develop, and support collaboration among libraries and organizations in order to ensure the preservation of the published and documentary records and to provide enhanced access to scholarly information. This annual report describes the following: (1) the organization of the Commission, support, and the 1995 initiatives; (2) the Brittle Books Program managed by the National Endowment for the Humanities; (3) digital preservation technology; (4) scholarly involvement; (5) the international program that brings together countries and institutions from around the world in collaborative preservation and access ventures; (6) preservation science research; (7) scholarly advisory committees concerned with providing advice on specific agenda and institutional initiatives; and (8) communication to promote the preservation and access agenda. An appendix provides a listing of publications and reports, committees and task forces and board of directors and staff. Financial statements for 1995 containing comparative totals for 1994, and an independent auditors' report are also included. (AEF)

 * Reproductions supplied by EDRS are the best that can be made *
 * from the original document. *

ED 389 325

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

This document has been reproduced as received from the person or organization originating it.

Minor changes have been made to improve reproduction quality.

Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

Annual Report

July 1, 1994

to

June 30, 1995

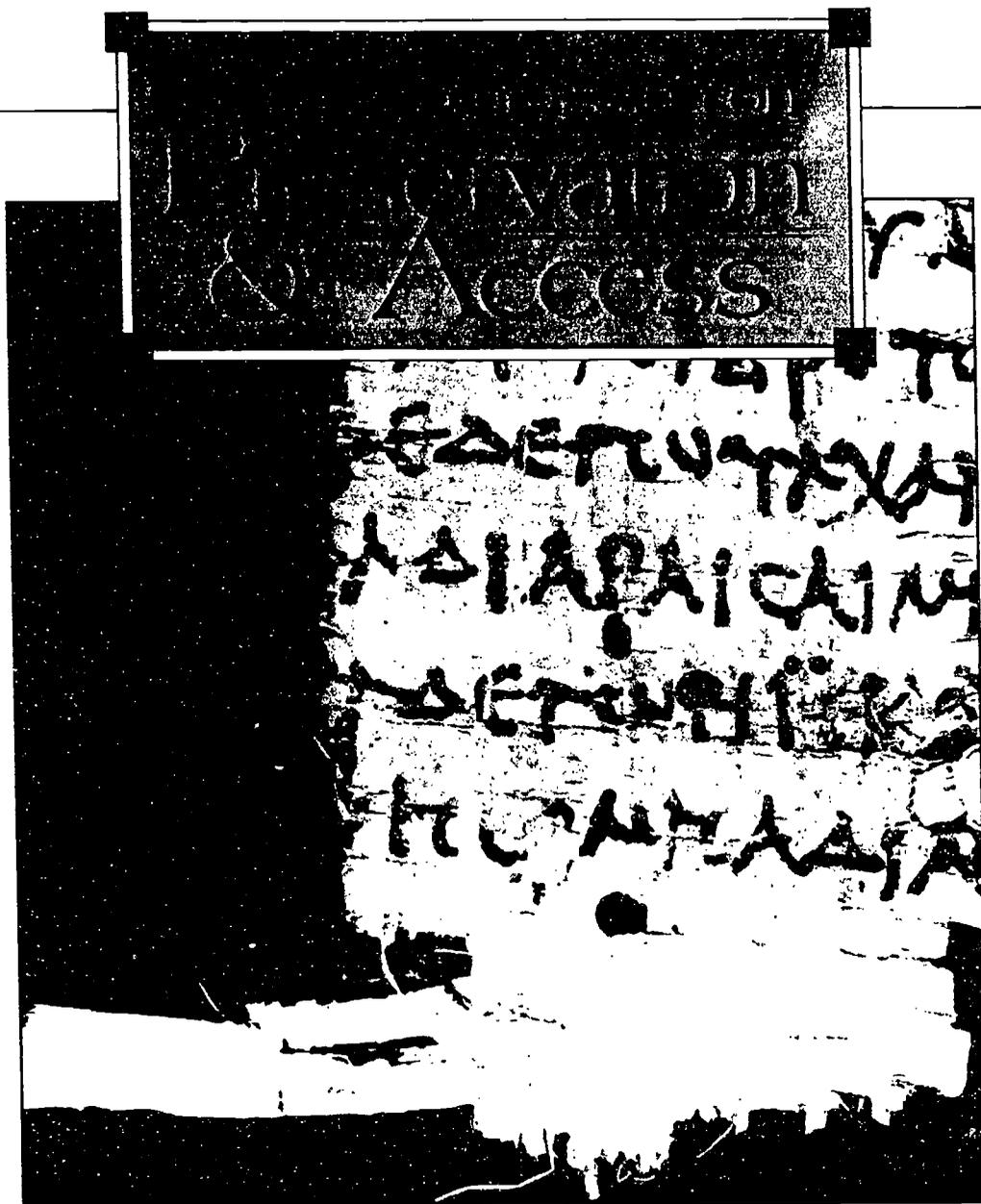
BEST COPY AVAILABLE

"PERMISSION TO REPRODUCE THIS
MATERIAL HAS BEEN GRANTED BY

M.K. Sitts

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC)

11055713



Annual Report

July 1, 1994 – June 30, 1995

The Commission on Preservation and Access was established in 1986 to foster and support collaboration among libraries and allied organizations in order to ensure the preservation of the published and documentary record in all formats and provide enhanced access to scholarly information.

THE COMMISSION ON PRESERVATION AND ACCESS
1400 16th Street NW, Suite 740
Washington, DC 20036-2217
USA

Additional copies are available at no cost while supplies last.

Submitted to ERIC (Educational Resources Information Center)

The photograph on the cover is a papyrus fragment from
Homer's *Odyssey*, Chapter 12, lines 384-390, late III-II century B.C.
Courtesy of Rare Book and Manuscript Library, Columbia University.



The paper used in the text of this publication meets the minimum requirements of the American National Standards for Information Sciences-Permanence of Paper for Printed Materials, ANSI Z39.18-1992.

TABLE OF CONTENTS

| | |
|--|----|
| Acknowledgment | iv |
| Introduction | 1 |
| Organization, Support and Initiatives | 3 |
| The Brittle Books Program | 5 |
| Technology | 6 |
| Scholarly Involvement | 8 |
| International Program | 10 |
| Preservation Science Research | 13 |
| Committees and Institutional Initiatives | 14 |
| Communication | 15 |
| Appendix | 17 |
| Publications and Reports | 17 |
| Committees and Task Forces | 18 |
| Board of Directors and Staff | 21 |
| Financial Statements | 23 |

ACKNOWLEDGMENT

The Commission acknowledges the universities, colleges, libraries, archives, publishers, and allied organizations that elect to sponsor collaborative activities for their insight and willingness to devote scarce resources to preservation and access initiatives. Grants from a number of foundations have enabled the Commission to contract for projects that demonstrate how preservation can be accomplished in a dynamic environment. Together, we are continuing to advance research and scholarship goals in the midst of technological change and financial strain and to maintain a strong voice for the importance of preservation.

FOUNDATIONS

Apple Computer, Inc.
Carnegie Corporation of New York
The Charles E. Culpeper Foundation
The Gladys Kriebel Delmas Foundation
The William and Flora Hewlett Foundation
The Andrew W. Mellon Foundation
The Carl and Lily Pforzheimer Foundation
The H.W. Wilson Foundation

SPONSORS

July 1, 1994 - June 30, 1995

Amherst College
Association of American Publishers
Boston Public Library
Brown University
University of California, Berkeley
University of California, Davis
University of California, Los Angeles
University of California, San Diego
College of Charleston
University of Chicago
Coalition for Networked Information
Columbia University
University of Connecticut
Cornell University
Emory University
University of Georgia
Grinnell College
HarperCollins Publishers
Harvard University
University of Illinois at Urbana
Indiana University
The University of Iowa
John Wiley & Sons, Inc.

Johns Hopkins University
University of Kansas
Lehigh University
Library of Congress
Macmillan Foundation
Massachusetts Institute of Technology
University of Miami
Michigan State University
University of Michigan-Ann Arbor
University of Minnesota
Mount Holyoke College
National Agricultural Library
National Library of Medicine
New York Public Library
New York State Library
New York State Archives and
Records Administration
New York University
University of North Carolina,
Chapel Hill
Northwestern University
Pennsylvania State University
University of Pennsylvania
University of Pittsburgh

Princeton University
The Reader's Digest Association, Inc.
Reed College
Simon & Schuster
(formerly Paramount Publishing)
Smith College
Smithsonian Institution Libraries
University of Southern California
Stanford University
Syracuse University
University of Tennessee
University of Texas at Austin
The Times Mirror Company
Trinity College
The University of Tulsa
Vassar College
Washington University
University of Washington
Wellesley College
Wesleyan University
Williams College
University of Wisconsin-Madison
University of Wisconsin-Milwaukee
Yale University

INTRODUCTION

*In the long history of humankind (and animalkind, too)
those who learned to collaborate
and improvise most effectively have prevailed.*

— Charles Darwin

The digital world requires libraries and institutions of higher learning to collaborate and improvise. It has become abundantly clear that no single institution will be able to develop a digital library that serves the comprehensive needs of its users, nor does it have to. The Commission on Preservation and Access, with its mission "to foster and support collaboration among libraries and allied organizations in order to ensure the preservation of the published and documentary record in all formats and provide enhanced access to scholarly information," has been particularly mindful of the importance of collaboration and innovation during the past year. The activities of 1994-95 have brought libraries and their parent institutions into closer, and hopefully, more meaningful collaborative relationships. Improvement is often called for as libraries enter uncharted, and often choppy, waters.

The programmatic focus — preservation of the historical record — has continued without interruption, while the past year has been marked by personnel and organizational changes. Patricia Battin retired on July 1, 1994, and M. Stuart Lynn was named as interim president. With the assistance of telecommunications technology, Lynn managed the Commission's programs from his California office, with periodic visits to Washington. His focus on digital libraries was instrumental in giving shape and focus to two important Commission programs, the National Digital Library Federation and the Task Force on Archiving of Digital Information, both of which are described more fully in the body of this report. Lynn's knowledge of and experience with electronic information were critical at this moment in the Commission's history.

On March 1, 1995, my appointment as president signaled another historic episode in the organization's history. The Commission agreed to affiliate formally with the Council on Library Resources and to be led by a joint president. The affiliation is a return, in some aspects, to an earlier day when these two organizations worked under a cooperative agreement to share staff and expenses. Today, the need to reduce operating costs and achieve staff efficiencies has reunited the organizations at the operating level, although the boards and fiscal matters remain separate. The staff fully committed to the Commission's objectives, showed its finest qualities while carrying on the work.

The principles incorporated into the agreement to affiliate are:

- 1. The missions of the Council and Commission will remain distinct but complementary*
- 2. The independence and responsibility of the separate Boards of Directors will be preserved*
- 3. The Council and Commission will retain financial independence and responsibility.*
- 4. The Council and Commission may undertake cooperative projects when so approved by both Boards of Directors.*
- 5. The Council and Commission will have a common president and treasurer.*
- 6. The president of the Council and Commission is authorized, empowered, and directed to implement, or cause to be implemented, such affiliation through all means deemed advisable.*

The affiliation has helped each of the organizations to achieve some operational cost reductions and to streamline procedures. Just as libraries are making organizational changes to take full advantage of technology, the Commission and the Council are making similar adjustments.

The Commission's Challenge

The activities noted in this annual report have been initiated in response to what the Board of Directors and staff believe to be the most important changes taking place in higher education. Every generation in modern history has viewed its time as one marked by rapid change, but the technological developments of recent years have greatly accelerated the evolutionary pace of libraries and universities. The Commission, in its efforts to preserve the intellectual record and to expand access to it, has an obligation to study the emerging technologies and to assist university officers and librarians in understanding their implications.

Historically, libraries have had two essential roles: to preserve the intellectual record and to promote discovery. Research libraries, particularly, have assumed primary responsibility for preserving the books, journals, and other library resources of interest to present and future scholars. Access has been an important concern, too, and unless counterindicated for preservation reasons, scholars and researchers have had access to the materials accumulated by research libraries. The infusion of digital technology into the environment allows for a different kind of thinking and new levels and forms of library service to the public.

Until recently, print-based resources have made up the large bulk of materials used by scholars. Digital technology, however, has made possible a shift in the library from a preoccupation with the written word to a new consideration of visual, audio, and multimedia materials as research resources. Faculty are adding these new materials into their classroom presentations, and libraries are obligated to collect and preserve these resources to support the curriculum.

Information technology is introducing new considerations for preservation as well. Text contained in crumbling volumes can be captured through digital scanning and stored for later use. Preservation issues can be addressed in this way, but new forms of access also are possible because the

text is in digital form. It can be easily and readily made available to remote users, as well as to the on-campus community. Materials also can be made available to the general public, often for the first time.

These innovations are not without problems, however. We do not yet know enough about the proper preservation techniques for digital information. We have limited concrete information about the economics of conversion of print to digital form, of storage, or of dissemination. We know virtually nothing about users' reactions to and utilization of digital information.

As the research library evolves from a place for discovering knowledge to an entry point to the world of information that is physically stored in many different locations in a great variety of formats, librarians are forced to consider these questions of use, cost, and organizational implications.

At the same time, we recognize that digital technology also erases national boundaries. Scholarship, even for the faculty member of small, isolated, or poorly funded institutions, promises to become a truly international endeavor. The ease with which technology allows us to distribute information to all parts of the world stands in stark contrast to the barriers of language and cultural differences that are not accommodated by technical fixes. These new realities must be added to the Commission's agenda if the goal of expanded and enduring access is to be achieved.

The Commission's investigations of the questions raised, as well as the opportunities offered, will frame future program directions. Answers to the questions will help shape how authors, teachers, researchers, publishers, librarians, and archivists do their work. There is one unarguable fact: new partnerships and collaborative arrangements will be critically important. Libraries and archives, which have forged numerous alliances in the past decade, will find these activities only a prelude to the collaboration and improvisation that lie ahead.

— *Deanna B. Marcum*

ORGANIZATION, SUPPORT AND INITIATIVES

On July 1, 1994, upon the retirement of Patricia Battin, M. Stuart Lynn assumed the interim presidency of the Commission. Previously, Lynn had served on the Commission's Technology Assessment Advisory Committee and was an active member of the Digital Preservation Consortium. In February, 1995, the Commission Board, in a statement with the Board of the Council on Library Resources (CLR), announced the affiliation of the two organizations, with the first step being a joint presidency. Deanna B. Marcum, who recently had been named President of CLR, was named the first joint president beginning March 1, 1995. In April the Commission announced that Lynn would serve the Commission in a part-time capacity as vice president, with primary responsibility for the coordination of the Digital Preservation Consortium and the Task Force on Archiving of Digital Information during their startup phases.

The William and Flora Hewlett Foundation, a charter supporter of the Commission in 1986, awarded a two-year grant to provide executive support for exploring new initiatives in technology, science research, scholarly participation, international affairs, communications, and shared resources. A computer network was installed at the Commission's offices supported by donations from the Apple Corporation. The workstations expanded the Commission's capabilities for communicating with constituents and for disseminating reports. The Gladys Kriebel Delmas Foundation provided a grant in support of the Task Force on Archiving of Digital Information. The Carl and Lily Pforzheimer Foundation awarded a grant in support of general programs, to maintain the executive capacity and

publications program and to continue professional advice from scholars about priorities for preservation and access in their respective fields.

Dr. Paul LeClerc, President of the New York Public Library (NYPL), joined the Board at the October 1994 annual meeting. The Board accepted the resignation of Barbara Goldsmith, an author and NYPL trustee, with thanks for her long-time advocacy of book preservation and acid-free paper. David Gracy, John L. Heilbron, Carole Huxley, and Sidney Verba were re-elected to serve an additional three-year term. Elaine F. Sloan, Vice President for Information Services & University Librarian, Columbia University; and Stanley A. Chodorow, Provost of the University of Pennsylvania, were elected to the Board in May 1995, with terms to begin at the annual meeting November 30, 1995.

Initiatives

- The Commission will strive to address the fullest definition of preservation and to do whatever is required to preserve all resources of value to all types of users, from the most traditional scholar to the most imaginative futurist. In emphasizing the users of information, the Commission will reactivate a scholarly advisory program.
- With the recent emphasis on digital technology, the Commission will seek to engage scholarly groups in discussions of digitizing materials for teaching purposes as well as long-term preservation needs and strategies. It is hoped that scholars will become involved, not only in selecting materials for preservation reformatting, but also in deciding how to provide access to materials for research and scholarship in a digital environment.
- Specifically, the management of digital archives will be addressed by the Task Force on Archiving of Digital Information. The questions of organizational structure, migration from format to format, intellectual property rights, and costs will be considered. Broader questions involving the transition from traditional library services to the digital environment will be explored by the National Digital Library Federation. Digitization as a preservation technique and digitization of text, text-and-image, and images will be explored in commissioned publications.
- Digital technology remains an important focus, although not the exclusive one. Within the science research initiative, preservation managers have asked for more investigation and analysis of scientific research in other fields that is directly applicable to the many types of large research collections at risk. The Commission expects to address preservation needs that can benefit from scientific investigation of environmental conditions and chemical deterioration as they affect paper, film, tape, and other media that support scholars.
- The International Program will be addressing priorities beyond those centered in Europe and developing a plan for involving additional areas of the world in collaborative preservation activities. Work in Latin America and Eastern Europe will be focused on developing new capacities for contributing records to international databases of preserved materials. Preservationists in these areas have identified training programs as an essential need.
- The Communication Program will integrate electronic access to information into its publication activities and will explore new collaborations with organizations to meet increasing demand for reports and newsletters.

THE BRITTLE BOOKS PROGRAM

The purpose of the brittle books program, managed by the National Endowment for the Humanities (NEH) Division of Preservation and Access, is to safeguard access to essential materials for research and scholarship that have become embrittled due to acidic paper. In fiscal year 1995, the Division of Preservation and Access reported that it had provided grants to 70 institutions over the past seven years to preserve 697,000 at-risk volumes. Preservation reformatting as a long-term nationwide strategy was funded initially by the U.S. Congress in 1988, when NEH presented its 20-year plan to rescue three million of the most important books, serials, and documents that were crumbling due to chemical deterioration. In 1994-95, museums, libraries, archives, and consortia were fully engaged in turning the plan into reality, with guidance and leveraging funds from NEH.

In late 1994, the House and Senate passed a flat budget for NEH for the fourth consecutive year. By mid-1995, it appeared as if the Endowment might not survive, causing the National Humanities Alliance Board, in an urgent and unusual move, to issue a special call to its members to emphasize the "dire situation at hand."

Since 1988, the Commission has cooperated with the National Humanities Alliance and the Association of Research Libraries in providing annual testimony before Congress in support of Endowment preservation programs. With the existence of the Endowment at stake and with impending drastic cuts predicted for all NEH programs, the three organizations were allowed an opportunity to present four pages of written testimony to House and Senate subcommittees on March 31, 1995. The testimony, in support of FY1996 appropriations, was prepared by Patricia Battin, founder and first president of the Commission. The following excerpts from the joint testimony indicate the level of success and support for the brittle books program.

...

- *During the past seven years, the NEH-managed program has become a model for nations around the world. In an extraordinary partnership with libraries, archives, private foundations, publishers, and international agencies, NEH has conceived and now coordinates an unprecedented battle against the crumbling acidic paper that threatens our recorded knowledge stored in libraries and archives. . . .*
- *Preservation programs are not entitlement programs. All institutions applying for grants must go through a rigorous review process and provide one-third of the project's funding. Since the establishment of the Office of Preservation (now the Division of Preservation and Access) in 1986, the Endowment reports that its projects have leveraged over \$6.4 million in gifts. Moreover, in FY1994, grants generated a level of cost-sharing totaling \$19.4 million, equaling 84 percent of the Endowment's investment of federal funds. . . . Only federal stimulus could make possible such a cooperative, sustained, and massive salvation effort.*
- *The Brittle Books program is an outstanding example of the use of federal resources to support the national interest in which the whole is far greater than the sum of the parts. The program was*

*The Endowment's
preservation activities
provide Congress with
an ongoing success
story of public money
wisely spent, leveraging
resources nationally
and internationally.
What was conceived
and promised in 1988
is being delivered. . .
in 1995.*

*— From March 31, 1995,
written testimony*

carefully crafted not only to preserve the holdings in our nation's libraries but to make them accessible to all citizens in ways that were not possible before.

...

The testimony also voiced support for other Division of Preservation and Access programs: digital technology research and development; the U.S. Newspaper Program; the National Heritage Preservation Program for the stabilization of material culture collections; preservation education and training programs on a national and regional level; the cataloging, documentation, and preservation of archival and special collections of humanities materials; and statewide preservation planning projects.

TECHNOLOGY

Much of the programmatic focus of the Commission has been on digital technology, for it is the driving force in many of the changes occurring in higher education today. Preservation remains the primary focus, not because it provides an opportunity to experiment with technology, but because preserving the intellectual and cultural heritage is the unarguable responsibility of all who call themselves librarians and archivists. It is precisely because the technology leads us to new opportunities and tools for meeting that obligation that it has become a central concern.

New Initiatives

Two exciting digital projects began during the year. The National Digital Library Federation, composed of 14 libraries and archives plus the Commission on Preservation and Access, was established formally on May 1, 1995, with a signing at Harvard University's Widener Library of the agreement to collaborate. The Federation has two groups at work. The directors of the 14 institutions comprise the policy and direction-giving group; designated upper-level managers of those same institutions comprise the planning task force that will concern itself with the day-to-day managerial and technical issues. By the end of 1995, the Federation expects to produce a written plan for incorporating local digital library initiatives into a larger whole that will open up a new body of library and archival resources to a wide range of audiences.

The Task Force on Archiving of Digital Information was established to investigate the means of ensuring "continuous access indefinitely into the future of records stored in digital form." The Commission and the Research Libraries Group formed this task force of 21 representatives of archives, libraries, technology companies, publishers, museums, scholarly societies, and government in recognition of the limitations of refreshing digital data as a preservation technique. As the cultural record is increasingly found in digital form, all who are responsible for preservation must understand the alternative techniques and their costs. The task force will produce an interim report by the end of the summer, 1995, for wide distribution to relevant communities for comment. A final report is expected in early 1996.

Contracts

The Commission awarded several contracts to find answers to some of the more perplexing questions posed by the technology. Lacking large sums to invest in pure research, the Commission

instead identified institutions with a well-established record of work in the digital arena and asked them to pursue specific questions of interest to the broader community.

In 1994-95, Columbia University Libraries undertook two such projects. The first experimented with large-scale color images. The objective of the project was to identify the acceptable preservation and digital access techniques for dealing with oversize, color images associated with text. By scanning a limited number of maps from brittle volumes and comparing the scanned images to single-frame color microfiche of the same maps, conclusions about image quality, in terms of both capture and display, could be answered. The results of the study demonstrated that fine details that are generally found on maps can be captured successfully from all three media (paper original, microfiche, transparency). The project investigators concluded, however, that the ability to capture information outstrips capacity for easy access and display with average equipment, so that immediate on-line use of high resolution files is somewhat limited.

In the second project, Columbia was asked to investigate the best practices to be employed in digital scanning and storage of papyri. Fragments of the ancient writing material known as papyrus exist in at least a hundred collections in the United States, and even more worldwide. Papyri pose significant challenges for both preservation and access because of their damaged and fragmentary condition and because almost all research in papyrology involves studying pieces in many scattered collections. Digital imaging seems to offer solutions to both problems, but before large-scale imaging projects are started, it is important to answer several questions. Columbia attempted to discover whether electronic imaging is capable of serving as the main means of capturing the images of papyri and similar objects for preservation and research access, what technical standards would be necessary to meet preservation goals, and the limits of present technology. The study resulted in a publication that outlines the best practices for the capture and storage of digitized images for papyri.

The University of California at Berkeley agreed to host an invitational conference to inform the archival and library communities about the Berkeley Finding Aid Project, funded by the U.S. Department of Education. The Berkeley Finding Aid Project began as a collaborative endeavor to test the feasibility and desirability of developing an encoding standard for archives, museum, and library finding aids. The standard was applied to 500 finding aids from Berkeley's collections and an equal number from collaborators around the country. Since there had been so much interest in the project, the Commission contracted with Berkeley to plan a conference limited to approximately 50 people to build a consensus to advance the encoding scheme developed in the project from a prototype standard to a working standard. In addition, the conference participants were expected to develop an agenda for further action, including: translating the prototype Document Type Definition into a national standard, defining additional areas in which standards need to be developed, and identifying further collaborative research and demonstration projects to be carried out.

A contract with Cornell University partially funded the development of four workshops on the use of digital imaging technology for preservation and access. As Cornell has been one of the most active universities in experimenting with digital technology, many other institutions have looked to it for answers about how to design and implement scanning projects. The preservation staff designed these introductory workshops to provide information and hands-on training. The four scheduled workshops generated great interest in the library, archives, and vendor communities, resulting in waiting lists for future sessions.

Vision 2010

Discussions of the technology and its potential led the Board to the realization that fundamental change is required in higher education's traditional organizational structures. With support from the Carnegie Corporation, the Commission, in partnership with the University of Michigan School of Information and Library Studies, launched Project 2010. The project aims to explore the productive uses of digital technology to shape 21st-century information services in support of the basic intellectual values of higher education, rather than to accept passively a technology environment dominated by commercial and industrial interests.

The University of Michigan project director, with advice from the project's steering committee, developed several scenarios to frame discussions among university presidents, provosts, teaching faculty, publishers, technology experts, and intellectual property specialists. By presenting alternative outcomes for technology's influence on the academy, it is hoped that members of the academic community will be better prepared to influence the future of the enterprise.

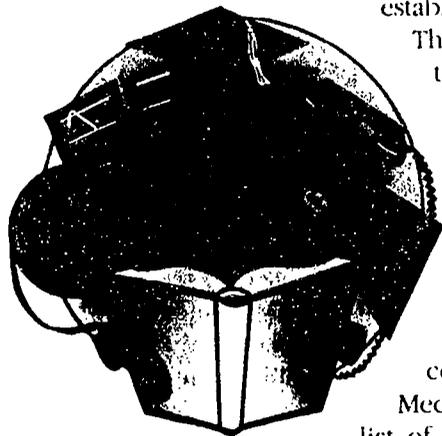
Two of the three phases of the project have been completed. There has been practically unanimous agreement that the significant driving forces affecting society as a whole are likely to bring substantive changes in the way we organize and carry out learning, teaching, scholarly communication, and research between now and 2010. There are healthy differences of opinion about matters of timing, the extent of institutional diversity of approach, the rate at which digital technology will be adopted and used, and the extent of commercial competition.

How institutions of higher learning can proceed to fulfill their missions within a fast-paced and multi-faceted landscape will be the subject of the third phase of the project.

SCHOLARLY INVOLVEMENT

Scholarly committees on art history and medieval studies completed their work and provided final reports to the Commission in August 1994. The art history committee first met in the spring of 1989 after participants in a September 1988 planning conference at Spring Hill, MN, recommended that informed scholarly opinion should be brought to bear on the establishment of priorities for the preservation of published materials in art history.

The committee determined that the criteria for preservation should be based upon the assessment of three primary considerations: rarity, wide usefulness, and historiographic significance to the entire discipline regardless of content, as well as brittleness. The committee also decided that periodicals, ranked in importance of use by a wide variety of scholars, would be a crucial first target of concern. The summary of the final report includes a list of the 100 most essential periodicals chosen from a list of 2,000 serials in the collection of the Art and Architecture Library of Stanford University.



The committee on medieval studies first met in October 1990 following a colloquium jointly sponsored by the Medieval Institute at Notre Dame, the Medieval Academy of America, and the Commission. Its summary report includes a list of the group's tasks and accomplishments and a series of recommendations, including one that the Medieval Academy continue the life of a Committee on Libraries to encourage and review preservation efforts and to study new forms of information technology and their consequences for the scholarship of medievalists.

In April 1995, the Commission concluded an 18-month schedule of demonstrations, exhibits and programs funded by grants from the H.W. Wilson and Gladys Kriebel Delmas Foundations. A primary goal was to reach faculty, researchers, and scholars through exhibits, workshops, and talks at professional society meetings. During this period, 250 faculty members and researchers asked to be added to the mailing list and a number of scholarly societies developed panel discussions and educational events on preservation and access issues.

Faculty were particularly interested in selection of materials for preservation and in access to endangered materials through new technologies. Professional societies were interested in becoming more visible advocates of preservation, encouraging their members to work on preservation needs, and exploring preservation issues related to electronic publishing. The grants supported construction of new convention exhibits, publication of expanded newsletters with special sections, creation of new brochures and informational materials, and — as a culminating activity — development of a substantive paper on scholarly involvement.

In keeping with the Commission's overall mission to foster collaboration, many of these accomplishments involved the participation of other organizations, which in turn have conducted their own preservation awareness programs. As examples, the American Studies Association sponsored a scholars' roundtable discussion on preservation of records in an electronic age, the Society for the History of Technology passed a resolution supporting preservation efforts and urging members to become involved, and the American Political Science Association addressed preservation concerns at committee meetings.

The American Council of Learned Societies was instrumental in identifying contacts in the scholarly arena. It first provided 4,000 names and addresses for a special distribution of publications and then identified primary targets from hundreds of scholarly disciplines as initial contacts for further collaboration. From this pool, the Commission arranged with the following societies to develop exhibits and educational programs: American Historical Association, American Political Science Association, Society for the History of Technology, American Society for Legal History, American Studies Association, American Philological Association, American Economic Association, and Organization of American Historians. Using additional contacts, the Commission arranged for programs with AMIGOS Preservation Service (Dallas); American Library Association Library-Vendor Relations Committee; Association of American Publishers-Professional/Scholarly Publishing Division; Association of American University Presses, Inc.; Society of American Archivists; Mid-Atlantic Regional Archives; and the Defense Technical Information Center. Arrangements were made to exchange information, articles, and publications with the Association of American Publishers and the American Institute for Conservation of Historic and Artistic Works.

In conjunction with the exhibits, the Commission invited libraries, archives, and museums to cooperate in developing technology demonstrations that provided scholars and publishers with hands-on experience in new preservation and access formats. The demonstrations illustrate digital options for providing access to text and image, while underscoring the importance of preserving the original

The Society for the History of Technology is especially sensitive to the variety of sources of information on which scholarship in this field rests. Documents, rare books, oral interviews, and artifacts all are used by historians of technology. Preservation of and access to these and other scholarly materials are at the core of what we do as individuals.

— From December 1, 1994, resolution, Executive Board, Society for the History of Technology

integrity of scholarly materials. Demonstration partners were: Henry Ford Museum and Greenfield Village, Smithsonian Institution Libraries, Pennsylvania State University, University of Southern California, and Johns Hopkins University Library and Press. A number of brochures, demonstration disks, question-and-answer sheets, and a CD-ROM continue to be distributed by the Commission and others.

The paper scheduled for August 1995 on the status of scholarly involvement in preservation and access takes into account activities of scholarly advisory committees since 1988 and suggests the types of involvement that might be most useful in future years. For example, two primary issues are scholar involvement in selection of materials for preservation and scholar preference for formats and methods of access to digitally captured and stored materials.

INTERNATIONAL PROGRAM

The International Program, with continued support from the Andrew W. Mellon Foundation, brings together countries and institutions from around the globe in collaborative preservation and access ventures. The program seizes upon opportunities created by political and economic changes to encourage broad-scale cooperation and fosters a sense of community by linking preservation research and activities in the U.S. to similar work abroad. In sum, its goals remain focused on bridge-building between countries and regions, as well as between what is already in place and what can be set in place.



In general, preservation activities worldwide increased in the past year. Developing countries were particularly eager to join the preservation movement and to obtain as much information as possible. In developed countries, however, the magnitude of the task, the relatively slow development of processes such as deacidification, the uncertainty about new technologies, and the financial burdens of safeguarding the intellectual heritage sometimes fostered a resigned acceptance that much will be lost. "One gets used to it, the way one gets used to dying forests," one German librarian observed. Such discouragement has been a prime motivation for the Commission to help sustain efforts by creating a sense of worldwide community, establishing common ground, avoiding duplication of effort, and emphasizing the broader context during temporary regional and national setbacks.

Bibliographic Control

The Bibliothèque nationale de France (BNF) reached a milestone when it completed a large-scale project to convert to machine-readable, U.S.-compatible format its entire retrospective register of microforms. The project, conducted under contract to the Commission, began in 1991. The more than 120,000 records cover microforms produced by the BNF between 1975 and 1989, mostly monographs of late nineteenth-century and early twentieth-century French literature. Another substantial part of the register includes microforms of items pertaining to French history, particularly regional and local history. Of special interest are almost 10,000 references to legal deposit items published or printed in Indochina from 1922 to 1954. Under the terms of the Commission contract, the BNF supplied the register to the U.S. bibliographic networks for use by scholarly and library communities. The register also will be provided to the European Register of Microform Masters (EROMM), thereby assuring a wide contribution of information about the BNF's microform holdings.

Since 1990, the International Program has worked with the Commission of the European Union (CEU) to create a European register of microfilms. Last year, the Netherlands, Belgium, Denmark, and Switzerland joined EROMM's original partners, Germany, England, Portugal, and France. Other countries that expressed interest in joining included Austria, Hungary, and Poland. It is estimated that the EROMM database, now also available online through the Research Libraries Information Network, will offer almost 300,000 records by the end of 1995. According to the Commission's contract with EROMM, these records will be made available to the U.S. library and scholarly communities.

Poland continued to convert and enhance bibliographical records of microfilmed Polish imprints, serial titles, music scores, and the most precious manuscript collections in that nation's libraries. The National Library of Poland, where this work is in progress under a contract with the Commission, has established contact with EROMM with a view to joining the European register when a substantial number of records are available.

Continuing a proven strategy — to enable one country in a region to provide guidance to its neighbors — the Commission signed a contract with the National Library of Venezuela. Based on the Venezuelan proposal, "Infrastructure for Automated Processing of Microform Holdings in Latin America and the Caribbean," the contract calls for the creation of a register of microform masters held by Venezuelan libraries. It is expected that Venezuela will eventually have the capacity to receive records of filmed items from other Latin American countries and to share these records with libraries in the United States and elsewhere.

Scholarly Involvement

The European Commission on Preservation and Access (ECPA) was officially established less than two years after the scholars' conference in Bellagio (see *Preserving the Intellectual Heritage, A Report of The Bellagio Conference...*, October 1993). The new organization was incorporated in Amsterdam with a secretariat at the Royal Netherlands Academy of Arts and Sciences. The ECPA Board and staff began to develop a communications program and to launch European preservation initiatives. Financial support was provided by the Dutch Ministry of Education, Culture, and Science; the Council of Europe in Strasbourg; the Commission of the European Union in Brussels (Directorate X); the Royal Netherlands Academy of Arts and Sciences; and the Commission on Preservation and Access in the U.S. The two Commissions continue to work closely together and to explore joint initiatives.

Collaboration

With ECPA taking the initiative in Europe, focus shifted to other areas while maintaining contact with long-standing relationships and commitments. Examples of cooperation and new alliances follow.

UNESCO moved ahead on an ambitious program entitled "Memory of the World," intended to promote awareness of the endangered world documentary heritage while taking specific measures to safeguard that heritage. As described in Commission newsletters (April 1994 and July-August 1995), the program plans a list of documentary heritage of world significance in a "Memory of the World" Register; it is hoped that the list will call attention to deteriorating collections and prove useful in obtaining funds from governments and sponsors. The "General Guidelines to Safeguard Documentary Heritage," which formed the basis for an advisory committee meeting in Paris in early May 1995, will be published later this year and distributed widely in all UNESCO official languages. Although the U.S.

is not a member of UNESCO, the participation of the Commission has been welcomed by the program's coordinators.

The Commission continued to work with CEU and in July 1994 took part in the European Conference on Conservation of the European Cultural Heritage, organized jointly by the CEU Directorate X (Culture) and XII (Research) in Delft. CEU invited the Commission to present an overview of the U.S. situation at a September 1994 symposium in Brussels (MICROLIB) that focused on European microfilming projects and the problems of access to microforms.

Supported by the International Research and Exchanges Board, the International Program participated in a seminar, "American Libraries: Experience and Possibilities," in Moscow (February 1995) that contained a considerable preservation component. The event provided an opportunity to exchange information with librarians from Russia and the newly independent republic. A following preservation symposium in Kiev was attended by more than 200 librarians from Ukraine, Russia, and the republics. The concerns in Kiev (and in Moscow) centered on conservation and restoration, with an emphasis on rare books, and contacts were established with the Ukrainian Ministry of Culture and the Ukrainian Library Association.

Closer to home, the International Program was invited to address a national preservation conference organized by the National Library of Canada (October 1994). All Canadian provinces were represented, and conference participants were particularly interested in learning about the principles that guided the formation of the Commission in the U.S. and in Europe. Participants agreed that Canada should "develop a coordinating body that will articulate, coordinate, and promote the preservation interests of the Canadian library community."

Much emphasis was on Latin America, starting with a visit to the National Library of Venezuela (July 1994). The visit was followed by a fact-finding mission by Dan C. Hazen, Librarian for Latin America, Spain, and Portugal at Harvard University, during the 60th International Federation of Library Associations (IFLA) Congress in Havana. The Commission then was invited to meet with the Association of Iberoamerican National Libraries (ABINIA) in Santo Domingo (August 1994). Several initiatives are under discussion and on the agenda of the September 1995 ABINIA assembly in Mexico City.

Education

The need for preservation education and training continued to be cited frequently abroad, and there was considerable interest in preservation management seminars based on the seminar developed by the College Libraries Committee for colleges with part-time preservation administrators. The International Program agreed to sponsor the attendance of librarians from Russia and Venezuela at the U.S.-based seminar in July 1995. Initiatives to offer seminars abroad and to translate preservation literature from English to other languages are being discussed.

PRESERVATION SCIENCE RESEARCH

The first management tools identified as high priorities by the preservation science research initiative were distributed in the past year. This initiative, first organized in 1992, investigates key problems of prolonging the useful life of library and archival collections that can be addressed by scientific research. Initial concerns focused on paper-based collections, but there was growing concern about other types of media used for scholarly reference. In 1994, a Preservation Science Council (PSC) composed of 20 preservation administrators and scientists put forward an agenda of research projects that would contribute to the effective management of environments in which collections are stored and to the understanding of the chemical nature of materials in collections so as to minimize their deterioration. Key criteria for the projects were: (1) they must relate to materials that exist in large quantities and contain information of cultural significance; (2) they must address preservation problems that are serious in the near and middle term; and (3) they must be practical and achievable given available research resources.

Lignin in Paper. The PSC described the need for a project to assess the influences of lignin on paper permanence. Last year, the American Society for Testing and Materials Institute for Standards Research (ASTM) in Philadelphia, PA, launched a multi-year global project for research on paper aging focused on lignin content. Scientists from the PSC assisted in initial planning, and the Commission newsletter reported regularly on ASTM research, which is funded primarily by the paper industry. The interest of preservation managers remains centered on the need for scientifically valid information that can help prolong the useful life of materials with lignin content. To foster international sharing of information, one PSC scientist developed an *ad hoc* lignin group of scientists from the U.S., France, the Netherlands, and Canada to informally share research results.

Temperature and Relative Humidity. The PSC was concerned with the effects of changes in temperature and relative humidity (RH) on the life expectancy of various types of paper commonly found in research collections. As a foundation for future investigations of this concern, the Commission distributed a June 1994 report, *Isoperms — an Environmental Management Tool*, at regional and national workshops to promote a wider understanding of how environmental conditions affect longevity. Building on the isoperms report, the Image Permanence Institute (IPI) received funding from the National Endowment for the Humanities Division of Preservation and Access to develop a management tool to measure the preservation quality of a storage environment. The new tool is a general measure that applies to all organic materials and can be used to measure temperature and RH in dynamic environments, allowing an entire period of changing conditions to be characterized in a single value. The Commission and IPI agreed to publish jointly a management report describing the tool.



Film Storage Enclosures. The PSC asked for research that would yield recommendations for the types of storage enclosures best suited for film, so as to minimize acetate base degradation. Citing the PSC's project description, the Image Permanence Institute received funding from the National Endowment for the Humanities Division of Preservation and Access for this research, to be completed in July 1997. When the management tool is available, the Commission expects to assist with education and dissemination.

Magnetic Media. The PSC's interest in tools for extending the longevity and durability of magnetic media captured the interest of the National Media Laboratory (NML, St. Paul, MN), which

joined with the Commission to pursue the development of management tools for tape storage and life prediction. NML brought to the collaboration an extensive program of experimental research and mathematical modeling on a range of magnetic media types. A report, *Magnetic Tape Storage and Handling — A Guide for Libraries and Archives*, published jointly by NML and the Commission, provides the rationale behind recommended procedures, using knowledge from industry and media stability studies conducted for the U.S. Government data recording community.

COMMITTEES AND INSTITUTIONAL INITIATIVES

College Libraries Committee

The College Libraries Committee (CLC) was established by the Commission in 1989 to consider the role of college libraries in the national preservation agenda and to serve as a communication link between the Commission and college libraries. In past years, the committee has instituted a regular library journal column about college preservation, developed a management seminar for college librarians, encouraged grant proposals by college libraries seeking preservation funds, and investigated the use of scanning and on-demand printing services for out-of-print materials. Committee activities are supported in part by the Charles E. Culpeper Foundation.

In 1994-95, the committee distributed a survey to approximately 200 colleges listed as liberal arts I and II or comprehensive I and II in the Carnegie classification, and members of the Oberlin Group, to collect information on preservation activities and needs. Results will be used to help develop benchmarks for college library preservation programs and to help determine the committee's agenda for the next two to three years.

The third in a series of preservation management seminars for college libraries with part-time preservation administrators was developed in cooperation with AMIGOS Preservation Services, Dallas, TX. The seminar was originally designed by the committee and preservation experts who have continued to serve as teaching faculty. Earlier seminars have led to follow-up events, such as a book repair workshop at Reed College in mid-1994. The 1995 seminar was planned for July at St. John's College, Santa Fe, NM, the first time the event has been held in the southwest.

The CLC identified scanning for preservation and access as a primary interest of their colleagues and decided to develop and offer a scanning institute for college library administrators. An institute planned for spring 1996 will focus on helping college libraries benefit from and contribute to the new digital technology environment.

Preservation Managers Council

The Preservation Managers Council (PMC) met once during the year to deliberate and provide recommendations on a range of preservation and access activities. The council agenda reflects the close relationship between preservation programs and the need to ensure long-term access to information in a digital environment. The PMC was convened in 1992 to provide a forum for managers of large preservation programs and to serve as a communication link to scores of preservation administrators in libraries and archives. Last year, the PMC endorsed the Commission's contract with Cornell University Department of Preservation and Conservation to develop a series of workshops on digital imaging for preservation reformatting.

COMMUNICATION

The Communication Program reaches out to diverse audiences in order to extend awareness of preservation and access goals and to broaden support for nationwide and international initiatives. In its communications, the Commission advocates for widespread participation in collaborative programs; provides information to support planning and management; and ensures that preservation and access needs are addressed at the outset as new approaches to scholarly communication, research, and education are developed.

Joint Ventures and Non-Print Media

A joint report on magnetic tape storage and handling as a guide for libraries and archives was published in collaboration with the National Media Laboratory (NML, St. Paul, MN). The report was produced both in paper copy (by the Commission) and as a World Wide Web document (by NML). Cooperative conceptualization, development, and dissemination created a report useful for diverse audiences.

Scholarly involvement activities included the cooperative development of brochures and media presentations for annual meetings and disciplinary conferences. A brochure from the Johns Hopkins University focused on preservation aspects of Project Muse, an initiative of the university library and press to provide networked access to scholarly journals. A brochure from the Pennsylvania State University library described a demonstration project to test the feasibility of digital imaging technology for scanning and storing archival materials. The Henry Ford Museum created a multi-media CD-ROM illustrating new access to its collections; the Smithsonian Institution Libraries developed a CD-ROM of photographs from special collections; and Johns Hopkins produced a computer disk demonstrating Internet access to its journals. Photographic displays of preserved materials were produced by the University of Southern California and Pennsylvania State University. The above materials were provided to scholarly associations as part of communications activities funded by the H.W. Wilson and Gladys Krieble Delmas Foundations.

The Commission established a presence on the Internet as cpa.org and mounted a test version of a World Wide Web home page. In cooperation with Stanford University, the Commission provided online access to newsletters and out-of-print publications. Other Internet access was developed by CAUSE (The Association for Managing and Using Information Technology in Higher Education), which in May 1995 announced the availability of selected Commission publications through its Gopher and Web servers.

The Commission made arrangements to provide out-of-print reports through a scanning and on-demand printing service. The arrangement ensures continued print-format access to older reports and publications. Publications and newsletters were submitted to the Educational Resources Information Clearinghouse system.

The film and video *Slow Fires* was loaned to institutions throughout the world in English, Spanish, and French versions. When the video was made available to the Library of Foreign Literature in Moscow, library staff developed a written translation of the script to be read by a live narrator. The Russian script premiered at a conference on preservation in Moscow and then circulated throughout that nation's libraries during 1994-95.

Reports and Publications

Reports listed in the appendix provided the findings of technology demonstration projects, the results of scholarly committee deliberations, and a management tool from the science research initiative. The increasing recognition of preservation issues throughout the world led the Commission to inaugurate a new series on international efforts to preserve library and archival materials. An introductory report, *The International Program and Its Global Mission* (January 1995), set the stage for the series, and following reports described situations in Bulgaria, Latin America, and Europe. All publications were distributed at no charge to approximately 1,700 organizations and individuals in the U.S. and internationally; Commission sponsors receive multiple copies at no cost.

Newsletters

Newsletters reported on Commission initiatives and other organizations' activities that affected preservation and access issues. Recurring themes were research regarding permanent and recycled papers; demonstrations of digital scanning; mass deacidification; state, federal, and international support for preservation initiatives; and information about support for the brittle books program and the National Endowment for the Humanities Division of Preservation and Access.

To reach growing audiences more effectively, the Commission reorganized and updated the mailing list and refined categories of museums, conference contacts, library directors, library department heads, and faculty and university administrators. Several hundred scholars and publishers joined the list as a result of Commission exhibits and presentations at disciplinary annual meetings.

APPENDIX

PUBLICATIONS AND REPORTS

JULY 1, 1994 - JUNE 30, 1995

Commission on Preservation and Access. *Annual Report, 1993-1994.*

Commission on Preservation and Access. *The International Program and Its Global Mission. Introduction to Report Series* (January 1995).

Commission on Preservation and Access. *Newsletter*: nos. 69-80 (July 1994-June 1995).

Hazen, Dan C. *Preservation Priorities in Latin America: A Report from the Sixtieth IFLA Meeting, Havana, Cuba* (July 1995).

Jordan, Sonja. *Preservation Activities in Bulgaria: The State of Affairs and Possibilities for Cooperation* (February 1995).

Kenney, Anne R. and Stephen Chapman. *Tutorial. Digital Resolution Requirements for Replacing Text-Based Material: Methods for Benchmarking Image Quality* (April 1995). \$10.00.

Schwartz, Werner. *The European Register of Microform Masters — Supporting International Cooperation* (May 1995).

Van Bogart, John. *Magnetic Tape Storage and Handling: A Guide for Libraries and Archives* (June 1995).

Newsletter Inserts

National Humanities Alliance memorandum: NEH Appropriations Campaign: An Urgent Request for Action. July-August 1995.

Mission and Goals for a National Digital Library Federation. June 1995.

Paper Splitting Tested in Germany. May 1995.

Joint Testimony Supports The National Endowment for the Humanities. May 1995.

European Commission on Preservation and Access Aims and Activities. March 1995.

Complex Project on Microficheing and Establishment of the Preservation Database of Rare Publications and Manuscripts from Depositories of Libraries, Museums, Archives and Private Holdings in the Urals. Submitted in conjunction with the Moscow Semmar. Library of Foreign Literature. October 1994.

A Science Review: Research on Paper Aging. September 1994.

Summary of the Final Report of the Scholarly Advisory Committee on Art History - June 1994. August 1994.

Medieval Academy of America Committee on Library Preservation & Scholarly Advisory Group on Medieval Studies Summary Report -- October 1990 - February 1994. August 1994.



Commission sponsors receive all publications on a complimentary basis

COMMITTEES AND TASK FORCES

COLLEGE LIBRARIES COMMITTEE

- Willis E. Bridegam**
Librarian of the College
Amherst College
- Barbara J. Brown**
University Librarian
Washington and Lee University
- David J. Cohen**
Dean of Libraries and Special Collections
College of Charleston
- Caroline M. Coughlin**
Consultant
- Michael J. Haeuser**
Head Librarian
Gustavus Adolphus College
- Victoria L. Hanawalt**
College Librarian
Reed College
- Kathleen Moretto Spencer (Chair)**
Associate Vice President for Information
Systems and Library Services
Franklin & Marshall College

NATIONAL DIGITAL LIBRARY FEDERATION

- Scott Bennett**
University Librarian
Yale University
- James H. Billington**
Librarian of Congress
Library of Congress
- Nancy Cline**
Dean of University Libraries
Pennsylvania State University
- Richard De Gennaro**
Roy E. Larsen Librarian of Harvard College
Harvard University
- Joan I. Gotwals**
Vice Provost and Director of Libraries
Emory University
- Paula Kaufman**
Dean of Libraries
University of Tennessee
- Michael A. Keller**
University Librarian and Director of
Academic Information Resources
Stanford University
- Nancy S. Klath**
Acting University Librarian
Princeton University

Paul LeClerc
President
New York Public Library

Peter Lyman
University Librarian
University of California, Berkeley

Deanna B. Marcum
President
Commission on Preservation and Access

Trudy Huskamp Peterson
Acting Archivist of the United States
National Archives and Records Administration

Donald E. Riggs
Dean of University Library
University of Michigan

Alain Seznec
University Librarian
Cornell University

Lynn F. Sipe
Associate University Librarian and
Acting Director of the University Libraries
University of Southern California

Elaine Sloan
Vice President for Information Services and
University Librarian
Columbia University

NATIONAL DIGITAL LIBRARY FEDERATION PLANNING TASK FORCE

- Anthony M. Angiletta**
Assistant University Librarian for Collections
Stanford University
- Jean Aroeste**
Deputy University Librarian
Princeton University
- Ross Atkinson**
Associate University Librarian
Cornell University
- Lynn Bellardo**
Director, Policy & Information Division
National Archives and Records Administration
- Mark Brown**
Associate Dean for Information Technology
University Computing Services
University of Southern California
- Selden Deemer**
Library Systems Administrator
Emory University

Dale Flecker
Associate Director for Planning and Systems
Office for Information Systems, University Library
Harvard University

Heike Kordish
Deputy Director of the Research Libraries
New York Public Library

Wendy Lougee
Director, Digital Library Program
University of Michigan

Carol Mandel
Deputy University Librarian
Columbia University

Deanna B. Marcum (Chair)
President
Commission on Preservation and Access

Joe C. Rader
Head, University Archives
University of Tennessee

Susan F. Rosenblatt
Deputy University Librarian
University of California, Berkeley

Gloriana St. Clair
Associate Dean for Information and Access Services
University Libraries
Pennsylvania State University

Winston Tabb
Associate Librarian for Collections Services
Library of Congress

Donald J. Waters
Associate University Librarian
Yale University

PRESERVATION MANAGERS COUNCIL

Margaret M. Byrnes
Head, Preservation Section
National Library of Medicine

Ellen Cunningham-Kruppa
Preservation Officer, General Libraries
University of Texas at Austin

Richard Frieder
Head, Preservation Department, University Library
Northwestern University

Anne R. Kenney (Appointed)
Assistant Director, Department of Preservation and
Conservation, University Library
Cornell University

Diane Nester Kresh
Director for Preservation
Library of Congress

Deanna B. Marcum (Chair)
President
Commission on Preservation and Access

Carolyn Clark Morrow (Resigned)
Consultant

Barclay Ogden (Resigned)
Head, Conservation Department, University Library
University of California, Berkeley

Christine Ward
Chief, Bureau of Archival Services
New York State Archives and Records Administration

PRESERVATION SCIENCE COUNCIL

Wes Boomgaarden
Preservation Officer, University Libraries
Ohio State University

Connie Brooks
Head, Preservation Department, University Libraries
Stanford University

Sherry Byrne
Preservation Librarian
University of Chicago

Margaret M. Byrnes
Head, Preservation Section
National Library of Medicine

Paul Conway
Head, Preservation Department, University Library
Yale University

Ellen Cunningham-Kruppa
Preservation Officer, General Libraries
University of Texas at Austin

James R. Druzik
Conservation Scientist
Getty Conservation Institute

Richard Frieder
Head, Preservation Department, University Library
Northwestern University

Janet Gertz
Assistant Director for Preservation, University Libraries
Columbia University

Diane Nester Kresh
Director for Preservation
Library of Congress

Jan Merrill-Oldham
Malloy-Rabinowitz Preservation Librarian
Harvard University

Carla Montori
Preservation Officer, University Library
University of Michigan

Carolyn Clark Morrow (Resigned)
Consultant

Barclay Ogden
Head, Conservation Department, University Library
University of California, Berkeley

James M. Reilly
Director, Image Permanence Institute
Rochester Institute of Technology

Donald K. Sebera
Consultant

Peter Sparks
Consultant

James Stroud
Chief Conservation Officer
Harry Ransom Humanities Research Center
University of Texas at Austin

Karen Turko
Head, Preservation Services, University Libraries
University of Toronto

Christine Ward
Chief, Bureau of Archival Services
New York State Archives and Records Administration

**TASK FORCE ON ARCHIVING
OF DIGITAL INFORMATION**

Pamela Q. J. André
Director
National Agricultural Library

Howard Besser
Visiting Associate Professor
School of Information and Library Studies
University of Michigan

Nancy Elkington
Assistant Director for Preservation Services
Research Libraries Group

John Garrett (Co-chair)
Director, Information Resources
Corporation for National Research Initiatives

Henry Gladney
Research Staff Member
IBM Almaden Research Center

Margaret Hedstrom
Chief of State Records Advisory Services
New York State Archives and Records Administration

Peter B. Hirtle
Policy and IRM Services
National Archives and Records Administration

Karen Hunter
Vice President and Assistant to the Chairman
Elsevier Science

Robert Kelly
Director, Journal Information Systems
American Physical Society

Diane Nester Kresh
Director for Preservation
Library of Congress

Michael E. Lesk
Executive Director, Computer Science Research
Bellcore

Mary Levering
Associate Registrar for National Copyright Programs
U.S. Copyright Office
Library of Congress

Wendy Lougee
Director, Digital Library Program
University of Michigan

Clifford Lynch
Director, Library Automation
University of California

Carol Mandel
Deputy University Librarian
Columbia University

Stephen P. Mooney, Esq.
Copyright Clearance Center

James G. Neal
Dean of University Libraries
Indiana University

Ann I. Okerson
Director, Office of Scientific and Academic Publishing
Association of Research Libraries

Susan F. Rosenblatt
Deputy University Librarian
University of California, Berkeley

Donald J. Waters (Co-chair)
Associate University Librarian
Yale University

Stuart Weibel
Senior Research Scientist
OCIC

**TECHNOLOGY ASSESSMENT
ADVISORY COMMITTEE**

Rowland C. W. Brown (Chair)
Consultant
Commission on Preservation and Access

Brian L. Hawkins
Vice President, Academic Planning and Administration
Brown University

Douglas E. Van Houweling
Vice Provost for Academic Outreach and Information
Technology and Dean of Academic Outreach
University of Michigan

Michael Lesk
Executive Director, Computer Science Research
Bellcore

Peter Lyman
University Librarian
University of California, Berkeley

M. Stuart Lynn
Vice President for Technology
Commission on Preservation and Access

Robert Spinrad
Vice President, Technology Analysis and Development
Xerox Corporation

Robert L. Street
Chair, Department of Civil Engineering
Stanford University

THE COMMISSION ON PRESERVATION AND ACCESS

BOARD OF DIRECTORS

Millicent D. Abell
University Librarian
Yale University

Betty G. Bengtson
Director of University Libraries
University of Washington

Billy E. Frye (Chair)
Vice President for Academic Affairs and Provost
Emory University

David B. Gracy II
Associate Dean and Governor Bill Daniel Professor in
Archival Enterprise, Graduate School of Library and
Information Science
University of Texas at Austin

J. L. Heilbron
Professor in the Graduate School
University of California, Berkeley

Carole Huxley
Deputy Commissioner for Cultural Education
New York State Education Department

Paul LeClerc
President
New York Public Library

Klaus-Dieter Lehmann
Director General
Die Deutsche Bibliothek

Deanna B. Marcum (Appointed)
President
Commission on Preservation and Access

Cornelius J. Pings
President
Association of American Universities

Winston Tabb
Associate Librarian for Collections Services
Library of Congress

Nicholas A. Veliotos
President
Association of American Publishers

Sidney Verba
Director
Harvard University Library

STAFF

Patricia Battin (Retired)
President

Pamela M. Davis
Executive Assistant

Linda J. Hutter
Treasurer

William J. Koerner II (Resigned)
Communication Assistant

Deanna B. Marcum (Appointed)
President

Alex Mathews (Appointed)
Administrative Associate

Vanessa Lee Mueller (Appointed)
Administrative Assistant

Hans Rütimann
International Program Officer

Maxine K. Sitts
Communication Program Officer

CONSULTANT

Rowland C. W. Brown
Technology Assessment

COMMISSION ON PRESERVATION & ACCESS

FINANCIAL STATEMENTS
WITH
SUPPLEMENTARY INFORMATION

FOR THE YEAR ENDED JUNE 30, 1995
(With Comparative Totals for June 30, 1994)

WITH
INDEPENDENT AUDITORS' REPORT

COMMISSION ON PRESERVATION & ACCESS

FINANCIAL STATEMENTS

FOR THE YEAR ENDED JUNE 30, 1995
(With Comparative Totals for June 30, 1994)

WITH

INDEPENDENT AUDITORS' REPORT

C O N T E N T S

| | <u>Page</u> |
|--|-------------|
| INDEPENDENT AUDITORS' REPORT | 1 |
| FINANCIAL STATEMENTS: | |
| Statement of financial position | 2 |
| Statement of activities and changes in net assets | 3 |
| Statement of cash flows | 4 |
| NOTES TO FINANCIAL STATEMENTS | 5-9 |
| SUPPLEMENTARY INFORMATION: | |
| Statement of functional expenses | 10 |

HOFFMAN, DYKES & FITZGERALD, P.C.

CERTIFIED PUBLIC ACCOUNTANTS

8603 WESTWOOD CENTER DRIVE
SUITE 400
TYSONS CORNER
VIENNA, VIRGINIA 22182
(703) 847-4600
FAX (703) 356-4821

INDEPENDENT AUDITORS' REPORT

TO THE BOARD OF TRUSTEES
COMMISSION ON PRESERVATION & ACCESS
Washington, D.C.

We have audited the accompanying statement of financial position of COMMISSION ON PRESERVATION & ACCESS (the "COMMISSION") as of June 30, 1995, and the related statements of activities and changes in net assets, and cash flows for the year then ended. These financial statements are the responsibility of the Commission's management. Our responsibility is to express an opinion on these financial statements based on our audit. Information for the year ended June 30, 1994 as restated, is presented for comparative purposes only and was extracted from the financial statements of COMMISSION ON PRESERVATION & ACCESS as of June 30, 1994, which were audited by other auditors whose report dated August 5, 1994 expressed an unqualified opinion on those statements.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of COMMISSION ON PRESERVATION & ACCESS as of June 30, 1995, and the results of its operations and its cash flows for the year then ended in conformity with generally accepted accounting principles.

As discussed in Note B to the financial statements, in 1995, the Commission changed its method of accounting for grants, its method of financial reporting, and its financial statement presentation to comply with the requirements of new accounting pronouncements.

Our audit was conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying supplementary information is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Hoffman Dykes & Fitzgerald, P.C.

Vienna, Virginia
September 7, 1995

COMMISSION ON PRESERVATION & ACCESS

STATEMENT OF FINANCIAL POSITION

JUNE 30, 1995

(With Comparative Totals for June 30, 1994)

| | <u>1995</u> | <u>1994</u> (Restated) |
|--|--------------------|---------------------------|
| <u>ASSETS</u> | | |
| Cash and cash equivalents | \$ 147,424 | \$ 188,723 |
| Investments | 2,325,447 | 2,876,793 |
| Grants receivable - temporarily restricted | 110,000 | 60,000 |
| Property, furniture and equipment, net | 43,992 | 11,337 |
| Other assets | <u>24,739</u> | <u>18,279</u> |
| Total assets | <u>\$2,651,602</u> | <u>\$3,155,132</u> |
| <u>LIABILITIES AND NET ASSETS</u> | | |
| Accounts payable and accrued expenses | \$ 51,966 | \$ 33,785 |
| Contracts payable | | |
| Unrestricted | 3,000 | - |
| Restricted | <u>215,004</u> | <u>191,636</u> |
| Total liabilities | 269,970 | 225,421 |
| NET ASSETS, RESTATED: | | |
| Unrestricted | 1,110,186 | 726,694 |
| Temporarily restricted | <u>1,271,446</u> | <u>2,203,017</u> |
| Total net assets | <u>2,381,632</u> | <u>2,929,711</u> |
| Total liabilities and net assets | <u>\$2,651,602</u> | <u>\$3,155,132</u> |

The accompanying notes are an integral part of these financial statements.

COMMISSION ON PRESERVATION & ACCESS

STATEMENT OF ACTIVITIES AND CHANGES IN NET ASSETS

FOR THE YEAR ENDED JUNE 30, 1995
(With Comparative Totals for June 30, 1994)

| | <u>Unrestricted</u> | <u>Temporarily Restricted</u> | <u>Total 1995</u> | <u>Total 1994</u> (Restated) |
|--|---------------------|-----------------------------------|-----------------------|-------------------------------------|
| REVENUE: | | | | |
| Grants and contracts | \$ 260,000 | \$ 10,000 | \$ 270,000 | \$1,058,000 |
| Contributions | 191,508 | - | 191,508 | 192,924 |
| Publication sales | - | 5,022 | 5,022 | 6,440 |
| Interest income | 58,184 | 89,633 | 147,817 | 107,703 |
| NET ASSETS RELEASED FROM RESTRICTIONS | | | | |
| Satisfaction of program restrictions | 853,632 | (853,632) | - | - |
| Expiration of time restrictions | <u>182,594</u> | <u>(182,594)</u> | <u>-</u> | <u>-</u> |
| Total net assets released from restrictions | <u>1,036,226</u> | <u>(1,036,226)</u> | <u>-</u> | <u>-</u> |
| Total revenue | 1,545,918 | (931,571) | 614,347 | 1,365,067 |
| EXPENSES: | | | | |
| Program services: | | | | |
| National preservation | 112,373 | - | 112,373 | 98,099 |
| Demonstration | 6,070 | - | 6,070 | 45,132 |
| International | 323,982 | - | 323,982 | 320,987 |
| Advisory | 34,906 | - | 34,906 | 53,444 |
| Technology | 268,487 | - | 268,487 | 240,828 |
| Communications | 222,548 | - | 222,548 | 211,202 |
| Non-Print materials | 10,846 | - | 10,846 | 15,160 |
| Professional education | <u>34,000</u> | <u>-</u> | <u>34,000</u> | <u>17,985</u> |
| Total program services expenses | 1,013,212 | - | 1,013,212 | 1,002,837 |
| Administration | <u>149,214</u> | <u>-</u> | <u>149,214</u> | <u>151,328</u> |
| Total expenses | <u>1,162,426</u> | <u>-</u> | <u>1,162,426</u> | <u>1,154,165</u> |
| CHANGE IN NET ASSETS | 383,492 | (931,571) | (548,079) | 210,902 |
| NET ASSETS, BEGINNING OF YEAR, AS RESTATED | <u>726,694</u> | <u>2,203,017</u> | <u>2,929,711</u> | <u>2,718,809</u> |
| NET ASSETS, END OF YEAR | \$1,110,186 | \$1,271,446 | \$2,381,632 | \$2,929,711 |

The accompanying notes are an integral part of these financial statements.

COMMISSION ON PRESERVATION & ACCESS

STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED JUNE 30, 1995
(With Comparative Totals for June 30, 1994)

| | <u>1995</u> | <u>1994</u> (Restated) |
|---|-------------------|---------------------------|
| CASH FLOWS FROM OPERATING ACTIVITIES: | | |
| Change in net assets | \$ (548,079) | \$ 210,902 |
| Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities: | | |
| Depreciation | 14,017 | 9,381 |
| (Increase) decrease in: | | |
| Grants receivable | (50,000) | 177,500 |
| Other assets | (6,460) | 126 |
| Increase (decrease) in: | | |
| Accounts payable and accrued expenses | 18,181 | (11,348) |
| Contracts payable | <u>26,368</u> | <u>60,102</u> |
| Net cash (used in) provided by operating activities | <u>(545,973)</u> | <u>446,663</u> |
| CASH FLOWS FROM INVESTING ACTIVITIES: | | |
| Proceeds from sales of investments | 4,432,971 | 5,400,000 |
| Purchases of investments | (3,881,626) | (5,784,131) |
| Purchases of property, furniture and equipment | <u>(46,671)</u> | <u>(4,120)</u> |
| Net cash provided by (used in) investing activities | <u>504,674</u> | <u>(388,251)</u> |
| NET CHANGE IN CASH AND CASH EQUIVALENTS | (41,299) | 58,412 |
| CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR | <u>188,723</u> | <u>130,311</u> |
| CASH AND CASH EQUIVALENTS, END OF YEAR | <u>\$ 147,424</u> | <u>\$ 188,723</u> |

The accompanying notes are an integral part of these financial statements.

COMMISSION ON PRESERVATION & ACCESS

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1995

A. ORGANIZATION

The Commission on Preservation & Access (the "Commission") is a not-for-profit organization incorporated under the laws of the District of Columbia in 1988 for the purpose of fostering, developing and supporting systematic and purposeful collaboration in order to ensure the preservation of the published and documentary record in all formats and provide equitable access to that information.

The Commission's operations are financed through contributions from colleges, universities and other organizations and through general support grants and restricted grants from private foundations and other sources. The Commission conducts its work directly through committees and working groups as well as through contracts with other organizations and individuals.

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of accounting - The accompanying financial statements of the Commission have been prepared on the accrual basis.

Grant revenue and recognition of grantor restrictions - The Commission reports grants as temporarily restricted support if they are received with grantor stipulations that limit the use of the grants as to time or purpose. When a grantor time restriction expires or expenditures are made that satisfy the restricted purpose of those grants, the purpose of the restriction is accomplished and temporarily restricted net assets are reclassified to unrestricted net assets and reported in the Statement of Activities as net assets released from restrictions. Support that is restricted by the grantor is reported as an increase in unrestricted net assets if the restriction expires in the reporting period in which the support is recognized.

Contracts payable - Contracts made by the Commission are recorded as contracts payable and as an expense at the time recipients are awarded the contracts. Current period expenses are reduced for contract refunds or over appropriations when received.

Cash and cash equivalents - For purposes of the statement of cash flows, cash and cash equivalents consist primarily of deposits in a money market mutual fund and investments with original maturities of 90 days or less.

Investments - Investments which consist of treasury bills, of which approximately \$1,165,224 is temporarily restricted, are recorded at cost which approximates market. Interest which is not restricted by the related grants is recognized as unrestricted revenue.

COMMISSION ON PRESERVATION & ACCESS

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1995

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Property, furniture and equipment - Depreciation is determined using the straight-line method over the estimated useful lives of the assets, ranging from three to five years, of the related assets. Amortization of leasehold improvements is determined using the straight-line method over the remaining life of the lease.

Functional allocation of expenses - Costs of providing the various programs have been summarized on a functional basis in the accompanying financial statements. Certain indirect costs which include rent and other expenses are identified as support services costs and have been allocated directly to programs, and administration on a systematic basis. Salaries and benefits have been allocated directly to programs and administration on a time-allocated basis.

Financial statement presentation - In 1995, the Commission adopted Statement of Financial Accounting Standards ("SFAS") No. 117, "Financial Statements of Not-for-Profit Organizations". Under SFAS No. 117, the Commission is required to report information regarding its financial position and activities according to three classes of net assets: unrestricted net assets; temporarily restricted net assets; and permanently restricted net assets. In addition, the Commission is required to present a statement of cash flows. As permitted by this new statement, the Commission has discontinued its use of fund accounting and has, accordingly, reclassified its financial statements to present the three classes of net assets required. This reclassification had no effect on the change in net assets for 1995 and 1994.

Contributions - The Commission also adopted SFAS No. 116, "Accounting for Contributions Received and Contributions Made", in 1995. In accordance with SFAS No. 116, grants and contributions received are recorded as unrestricted, temporarily restricted, or permanently restricted support, depending on the existence and/or nature of any grantor restrictions. As permitted by SFAS No. 116, the Commission has retroactively applied the provisions of this new statement by restating net assets as of June 30, 1994, which represents time-restricted contributions and grants previously reported as deferred revenue. Under SFAS No. 116, such contributions are required to be reported as temporarily restricted support and are then reclassified to unrestricted net assets upon expiration of the time restriction. The effect of this new statement on the Commission's change in net assets for 1995 and 1994, was a decrease of \$613,474 and an increase of \$97,726, respectively, from what would have been reported under prior accounting principles.

COMMISSION ON PRESERVATION & ACCESS

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1995

C. RESTRICTIONS ON ASSETS

Temporarily restricted net assets are available for the following purposes:

| <u>Programs:</u> | <u>1995</u> |
|-------------------|--------------------|
| International | \$ 480,514 |
| Communications | 2,162 |
| Technology | 6,110 |
| Multiple programs | <u>782,660</u> |
| Total | <u>\$1,271,446</u> |

D. INCOME TAXES

The Commission is exempt from federal income tax under Section 501(c)(3) of the Internal Revenue Code and applicable regulations of the District of Columbia.

E. PROPERTY, FURNITURE AND EQUIPMENT

Property, furniture and equipment consist of the following:

| | <u>June 30, 1995</u> | <u>June 30, 1994</u> |
|--|----------------------|----------------------|
| Furniture and equipment | \$77,625 | \$33,239 |
| Leasehold improvements | <u>2,286</u> | <u>-</u> |
| | 79,911 | 33,239 |
| Less: accumulated depreciation and amortization | <u>(35,919)</u> | <u>(21,902)</u> |
| | <u>\$43,992</u> | <u>\$11,337</u> |

COMMISSION ON PRESERVATION & ACCESS

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1995

F. NET ASSETS RELEASED FROM RESTRICTIONS

Net assets were released from grantor restrictions by incurring expenses satisfying the restricted purposes or by occurrence of other events specified by grantors. The following is a summary of net assets released from grantor restrictions in 1995.

| Purpose restrictions accomplished: | <u>1995</u> |
|------------------------------------|--------------------|
| Advisory Committees | \$ 34,156 |
| Technology Assessment | 227,348 |
| Communications | 223,300 |
| Nonprint Materials | 10,845 |
| International Preservation | 323,981 |
| Professional Education | <u>34,002</u> |
| | 853,632 |
| Time restrictions expired | <u>182,594</u> |
| Total restrictions released | <u>\$1,036,226</u> |

G. RETIREMENT PLAN

Employees are eligible for participation in the Commission's defined contribution retirement annuity program ("the Plan") administered through the TIAA/CREF insurance companies. Individual contracts issued under the Plan provide for full and immediate vesting of the Commission's contributions. The Commission contributes 15% of employees' salaries to the Plan each year. The Commission's contribution was \$53,741 and \$45,300 in 1995 and 1994, respectively.

H. CONCENTRATIONS OF CREDIT RISK

Financial instruments which potentially subject the Commission to concentrations of credit risk consist primarily of cash equivalents and grants receivable.

At June 30, 1995 and 1994, approximately \$164,000 and \$176,000, respectively, in cash equivalents was being held by a third party in a money market mutual fund that invests solely in United States government securities. This amount is not insured by the Federal Deposit Insurance Corporation. In addition, cash in the bank at June 30, 1995 and 1994 exceeded the FDIC insurance limit by approximately \$20,000 and \$60,000, respectively.

Substantially all grants receivable are with large foundations. It is not the Commission's policy to require collateral for these receivables. The Commission has not incurred any losses in relation to these receivables.

COMMISSION ON PRESERVATION & ACCESS

NOTES TO FINANCIAL STATEMENTS

JUNE 30, 1995

I. COMMITMENTS

The Commission has entered into a noncancelable operating lease agreement for its office space which expires in April, 1998. Under the terms of the lease agreement, the Commission is required to pay its proportionate share of the increase in operating costs of the building.

Future minimum lease payments required under the lease are as follows:

Year Ending June 30:

| | |
|------|------------------|
| 1996 | \$ 62,500 |
| 1997 | 65,500 |
| 1998 | <u>52,083</u> |
| | <u>\$177,083</u> |

J. AFFILIATION

In February 1995, the Commission agreed to affiliate with the Council on Library Resources, Inc. on the basis that both Organizations' missions and activities have become complementary as advances in technologies continue to create challenges and opportunities for libraries and other depositories of information. The Board of Directors for the Commission and the Council of Library Resources, Inc. agreed to the following principles of affiliation:

- The missions of each organization will remain distinct but complimentary;
- Independence and responsibility of each Board of Directors will be preserved;
- Each Organization will retain financial independence and responsibility;
- Cooperative projects may be undertaken when approved by each Organization's Board of Directors;
- Both Organizations will have a common President and Treasurer; and,
- The President is authorized and directed to implement such affiliation through any and all means deemed advisable, including, but not limited to, reorganizing the daily operations of each organization by consolidating employees and programmatic assignments

K. RELATED PARTY TRANSACTIONS

As a result of the affiliation as described in Note J, the Commission incurred charges of \$10,354 representing the Council's proportionate share of administrative expenses. As of June 30, \$8,247 was unpaid by the Council to the Commission.

COMMISSION ON PRESERVATION & ACCESS
STATEMENT OF FUNCTIONAL EXPENSES
FOR THE YEAR ENDED JUNE 30, 1995
 (With Comparative Totals for June 30, 1994)

| | PROGRAM SERVICES | | | | | | | | Total 1994 | | | |
|------------------------------------|--------------------------|-----------------|---------------------------|------------------------|--------------------------|----------------|-----------------------|---------------------------|---------------|---------------------|----------------|---------------|
| | National Preservation | Demo Project | International Projects | Advisory Committees | Technology Assessment | Communications | NonPrint Materials | Professional Education | | Program Services | Administration | Total 1995 |
| ERIC (I) D | | | | | | | | | | | | |
| Contracts | \$ 55,288 | \$6,070 | \$145,280 | \$10,000 | \$139,882 | \$ 119,615 | \$ 8,483 | \$34,000 | \$ 335,232 | \$. | \$ 335,232 | \$ 346,334 |
| Staff and travel | 925 | . | 169,589 | 17,202 | 77,964 | 21,178 | . | . | 448,141 | 109,226 | 557,367 | 385,627 |
| Meetings and consultants | . | . | 1,938 | 2,176 | 37,509 | . | . | . | 63,726 | . | 63,726 | 222,819 |
| Board expenses | . | . | . | . | . | . | . | . | . | 14,503 | 14,503 | 26,589 |
| Support services & office expenses | \$6,160 | . | 7,175 | 5,528 | 13,132 | 81,755 | 2,363 | . | 166,113 | 25,485 | 191,598 | 172,796 |
| | \$112,373 | \$6,070 | \$323,982 | \$34,906 | \$268,487 | \$222,548 | \$10,846 | \$34,000 | \$1,013,212 | \$149,214 | \$1,162,426 | \$1,154,162 |

33

The accompanying notes are an integral part of these financial statements.