

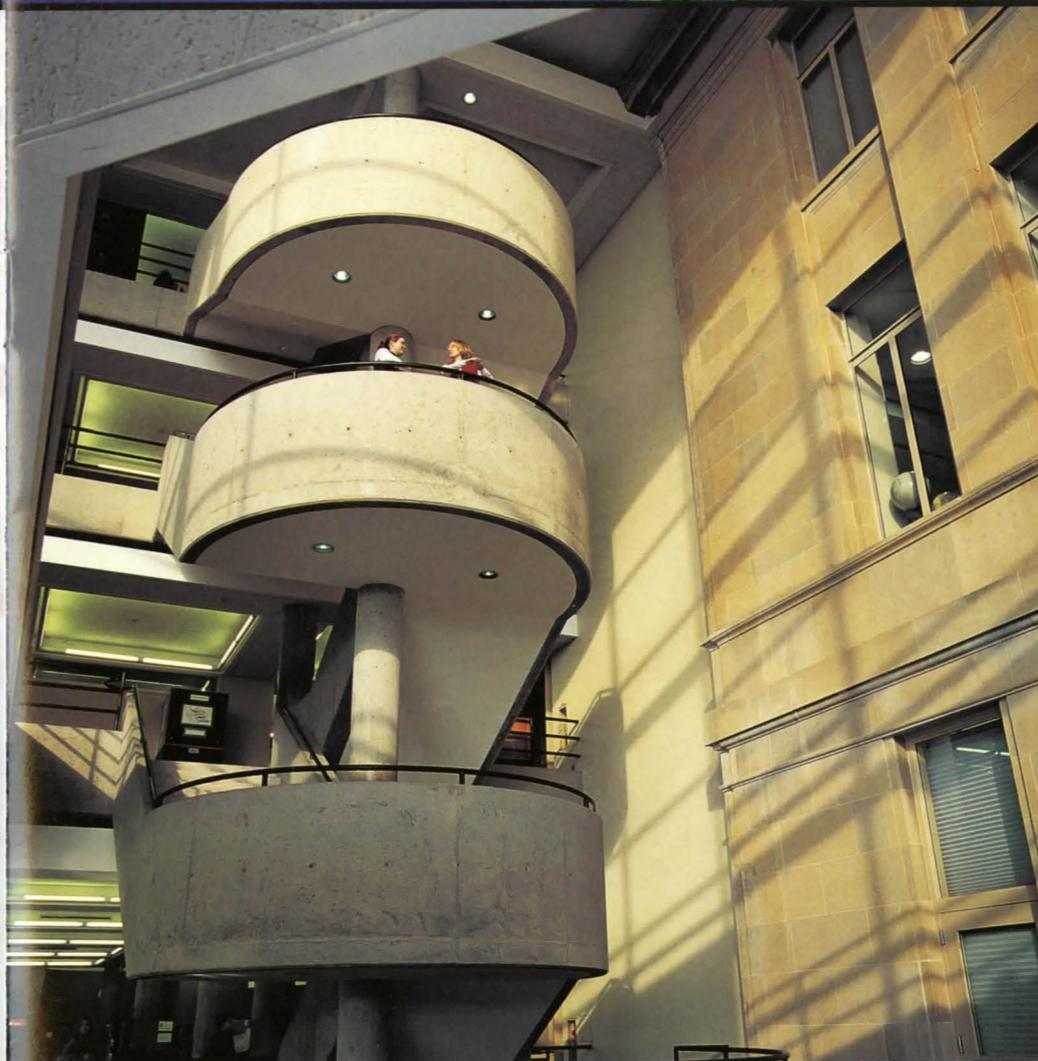
IOWA STATE UNIVERSITY  
University Library

Opportunities  
*for a* Lifetime

# Iowa State University

*has been a part of creating the tools for the information age, from the beginning of modern computing spiraling upward to the latest research in virtual reality today. The University Library has supported these endeavors by serving as an integral and valuable partner in the university's academic enterprise. The resources, services and facilities of the Iowa State University Library including the William Robert Parks and Ellen Sorge Parks Library, the Veterinary Medical Library, our four reading rooms (Design, Economics and Sociology, Mathematics and Physical Sciences), and the e-Library have been instrumental in student achievement and faculty success. They are all integral components supporting the pursuit of academic excellence and advancing Iowa State University's mission of*

***learning, discovery and engagement.***



vital to the success of the academic enterprise of the first land-grant university in the nation. The University Library continues to fulfill its mission — to advance learning, discovery and engagement for Iowa State's students and faculty, the citizens of Iowa and beyond.

**T**HE ROLE OF AN academic research library remains much the same as in years past — to build unique local collections, develop outstanding services and be responsive to changes in scholarly communication. The methods employed to achieve these goals are changing with unprecedented speed. In addition to maintaining the physical collections, a first-class university library must now integrate print resources with electronic information for an expanding variety of users — a growing number of whom are

external to the campus.

In the last decade, the number of patrons served by the Iowa State University Library has increased ten-fold, from two million visitors at our physical facilities in 1992 to more than twenty million visitors in 2000 who accessed our resources either through our front door or through our e-Library. The physical space of the 20th century library is now replicated with a sense of place in the e-Library of the 21st century. During this time of fast-paced change, we continue to provide the quality resources and services

**"THROUGH EFFECTIVE ACCESS TOOLS AND PARTNERSHIPS — INCLUDING THE e-LIBRARY, STRONG COLLECTIONS, ESSENTIAL INSTRUCTION PROGRAMS AND COMPREHENSIVE REFERENCE AND RESEARCH ASSISTANCE — THE UNIVERSITY LIBRARY CONTINUES TO FOSTER EFFECTIVE LEARNING, DISCOVERY AND ENGAGEMENT BY LINKING IOWA STATE STUDENTS AND FACULTY WITH GLOBAL SOURCES OF INFORMATION REGARDLESS OF LOCATION OR FORMAT."**

*Olivia M.A. Madison  
Dean of Library Services*

# Learning: A lifelong experience

**O**VER A CENTURY AGO, Iowa State University established the nation's first formal program to help students get the most out of library resources to enhance their learning. Today, librarians at Iowa State continue to teach thousands of students each year through formal course-related instruction, workshops and classes. These learner-centered instruction programs focus on the needs, interests and time constraints of library users.

Through the introduction of innovative computer-assisted tutorials and Web-based instruction, the University Library reaches an increasing number of users. In addition to these formal instruction programs, flexible reference services meet the needs for information and in-depth research of

library users throughout the world via the Internet.

Learning also occurs outside the classroom and laboratory setting, as peer learning is a major component of an Iowa State education. The University Library strives to create an environment that fosters peer learning by providing facilities — such as group study rooms and computer labs — to facilitate collaborative projects,

**"THE LIBRARY IS A GREAT RESOURCE FOR ME; WHETHER I AM WORKING ON A TERM PAPER OR HELPING WITH A GROUP PROJECT, I KNOW I CAN ALWAYS FIND THE INFORMATION I NEED. AND NOW, WITH THE LIBRARY ONLINE, I CAN EVEN WORK AT HOME."**

— *Andrea Hammes*  
Senior, Journalism and Mass  
Communication, Sigourney, Iowa

peer mentoring and the exchange of ideas. Students also use the University Library's resources for in-depth research pursuits.

The pursuit of knowledge in the 21st century requires a new emphasis on library research methods and skills — traditional methods and skills that are now being described as information literacy. The University Library seeks to advance information literacy, so users of the library understand how to locate, evaluate and cite information resources, particularly in the electronic environment. Rapid developments

in technology have transformed the way information is stored, searched and used. Researchers and students are faced with a multitude of choices — deciding which database to search, how to

use it successfully, how to retrieve the materials it identifies and how to evaluate and cite the information used. Because librarians are at the forefront of these changes, they are in a unique position to

teach students and faculty the complexities and demands of research. By acquiring these competencies, individuals will be better equipped to pursue lifelong learning endeavors.



## LIBRARY 160



**S**ince 1891, Library 160 has instructed students on how to use library resources and information to enrich their Iowa State educational experience. Today, the program teaches over 5,000 students each year how to access a vast array of both physical and electronic information. Students are introduced to the immense range and variety of knowledge available on a global scale, and they learn the increasingly sophisticated means for accessing it. The program excels at preparing students to meet the challenges of today's information age.

## UNDERGRAD COMMONS

**T**his collaborative information literacy project is designed to integrate electronic resources and research instruction into the undergraduate curriculum. In partnership, instructors and librarians develop Web-based course materials and online instruction guides that teach students how to identify and use relevant resources, helping make undergraduate students more familiar and at ease with library research and the fundamental skills that lead to information literacy.



# Discovery: A lifelong adventure

**T**HE RESOURCES OF THE Iowa State University Library offer users opportunities for investigation,

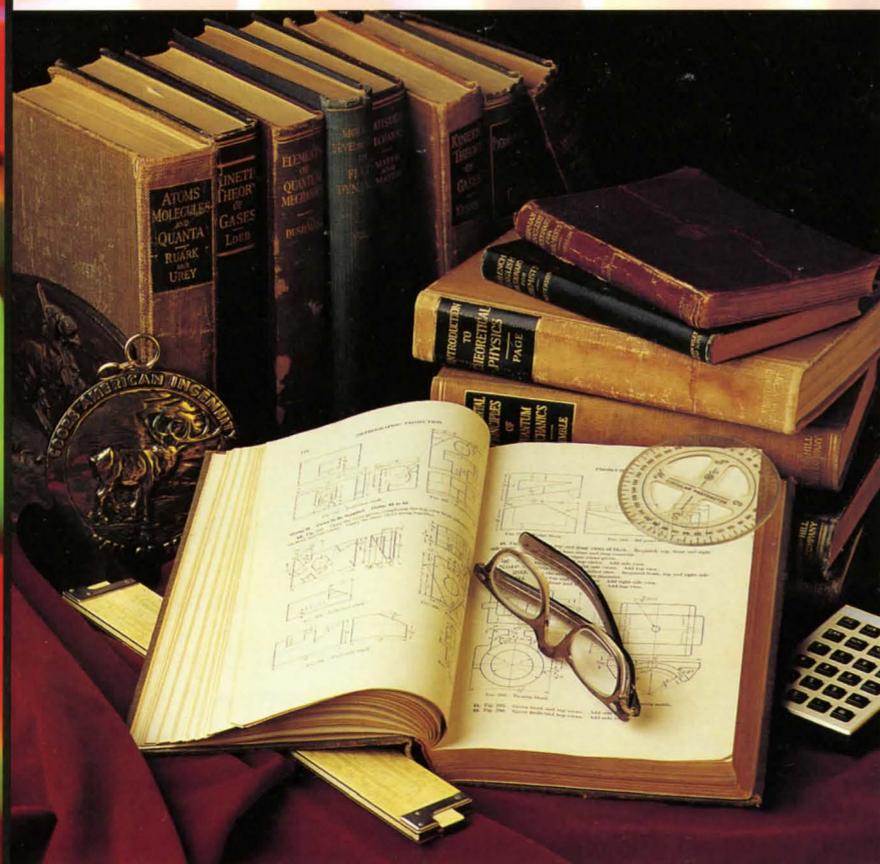
exploration and discovery. Reference librarians annually direct over 40,000 users to resources that best suit their

area of inquiry. These resources include traditional printed materials, as well as newer sources such as e-books and e-journals which are increasingly relied upon for their research value. In addition to our historic collection strengths in the agricultural and biological sciences, veterinary medicine and engineering, the University Library provides access to scientific as well as social sciences and humanities e-journals.

Specialized areas of the library,

**"THERE IS NOT A BETTER COLLECTION ANYWHERE TO DO RESEARCH ON THE ATANASOFF-BERRY COMPUTER. FROM THE DESIGN PROCESS TO THE COURT CASE, THERE IS MATERIAL IN THE ATANASOFF COLLECTION THAT CAN BE FOUND NOWHERE ELSE."**

— Paul Mobley  
Ph.D. candidate



## PRESERVING COLLECTIONS



**P**reserving the cultural heritage of the past and the intellectual record of the present is fundamental to the research and service mission of the University Library. To fulfill this responsibility, the Iowa State University Library has a state-of-the-art preservation treatment facility. Ongoing activities — such as deacidification, encapsulation, conservation and reformatting — ensure the survival of library materials for future use. The proliferation of electronic resources brings new preservation challenges as the library explores ways of maintaining both existing and emerging collections in varying media for present and future generations.



including the Map Room and Microforms, house materials in non-print formats. Researchers can access unique and valuable collections related to agriculture, science, and technology in the Special Collections department. Through the e-Library, patrons can discover papers and photographs in the University Archives (located in the Special Collections department) that document the mission and history of Iowa State University. The preservation facility

ensures that valuable resources collected by the University Library are maintained and preserved for the future. For materials that are not available at the library, the Interlibrary Loan office arranges for items to be delivered from hundreds of other libraries worldwide.

As a result of the information age and the development of the Internet and World Wide Web, the University Library has added a parallel library — the e-Library — which blends the traditional (physical buildings,

services and collections) with the virtual (electronic resources, services and classes). The e-Library offers expanded, remote access to the collections of the physical library any time of the day or night. Visitors can also find information about library services, classes, tours and exhibits. Over time, the e-Library will incorporate new technologies to provide services and tools that can only be imagined today. It is an evolving and welcoming place to visit and revisit.

## e-LIBRARY

**T**he e-Library at Iowa State University is the electronic door to the collections and services of the physical library. Through the World Wide Web, visitors can access our collections, make inquiries at our service desks, tour the building and its art and participate in tutorials on how to use the University Library. The biggest room of the e-Library is the collections area, where visitors can search our catalog for materials acquired by the library, explore numerous resources for information and read thousands of e-books and journals.



# Engagement: A lifelong opportunity

**T**HROUGH PARTNERSHIPS and collaboration, outreach and service activities, University Library staff help promote the university's land-grant mission beyond the local campus. Librarians have served as volunteer instructors in the College for Seniors program, teaching senior citizens how to preserve their family papers and photographs, and how to explore the Internet. Collaborating with Iowa State students, faculty, administrators and local public officials, the library is also active in promoting events and programs focusing on important issues such as intellectual freedom, the First Amendment and the right to read. The Special Collections department sponsors an active exhibits program, including portable displays that travel across the state and virtual exhibits

that are utilized from Iowa and beyond. One such exhibit, documenting the achievements of women nutritionists, has traveled

**"EACH WEEK I LOOK FORWARD TO GOING TO THE LIBRARY TO LOOK AT THE NEW ISSUES OF JOURNALS WHICH HAVE JUST ARRIVED. THE NEW RESULTS, EXPERIMENT OR THEORY, MAY STIMULATE SOME NEW IDEAS OR SUGGEST NEW AVENUES OF RESEARCH."**

*Dr. Karl Gschneidner  
Distinguished Professor  
Materials Science*

to community colleges, agribusinesses, public libraries and schools across the state.

The University Library is also involved in a first-of-its-kind partnership with the State Library of Iowa, developing the truly innovative State of Iowa Libraries Online (SILO) project. Through this

pioneering effort, public and school libraries throughout Iowa are now connected to the Internet. Because of this program, all Iowans have access to the vast array of online resources — even if they do not own their own computer. The SILO project has strengthened the ability of public and school libraries to support the students and citizens of Iowa in extended education and lifelong learning endeavors.

In collaboration with the National Agricultural Library and other land-grant institutions, the University Library helped develop AgNIC, the Agricultural Networked Information Center, which provides electronic resources and reference services to agricultural workers and researchers across the nation.

Globally, the University Library



maintains over 1,000 materials exchange programs, promoting resource sharing on a vast, international level. The library has established and maintains agreements with national agricultural libraries in Russia and the Ukraine, which have included staff exchanges, material exchanges and systematic

document delivery. The library's commitment to the larger community of scholars is also evident in the extensive research and publishing activities

of University Library faculty. A recent study of publication patterns among academic librarians ranked Iowa State sixth in the nation with regard to the production of scholarly research in library and information science.

## NATIONAL HISTORY DAY

**NHD**  
NATIONAL  
HISTORY DAY

**T**he Iowa State University Library collaborates with, educates and informs the next generation of college students. University Library archivists have worked with the National History Day program, bringing regional K-12 students to the library for workshops. Our archivists promote the study of history by engaging students and teachers in the excitement of historical inquiry and creative presentation. Students learn about unique resources available in the library, and how they can best use them.

## AMERICAN ARCHIVES OF THE FACTUAL FILM

**F**ounded in 1974, the AAFF collects business, educational and documentary productions and is a research center for the preservation and study of 16mm non-theatrical films. This unique collection of the Iowa State University Library is increasingly being used by American and international patrons. The American Archives of the Factual Film, consisting of 14,000 film titles, has recently provided footage for French television audiences, the British Broadcasting Corporation, Michael Palin's *Hemingway Adventure* and the Canadian documentary series called *Streets of the World*, which documents the history of famous streets around the world.



# As Iowa State University expands its horizons...

into the new millennium, the University Library continues to be the first place that people in the Iowa State community

**"THE EXCELLENT LIBRARY IS THE HEART OF THE EXCELLENT UNIVERSITY."**

— William Robert Parks  
Iowa State University president  
1965-1986

think of when they need information.

As an essential partner in the educational process, the library is the principal setting where students learn to harness intellectual power. Collaboration and teamwork are essential social skills as well as valuable tools for learning. These ideas

are symbolically portrayed by a striking sculpture in the Parks Library atrium, depicting a pair of horses and aptly entitled *Shoulders of Giants*.

The University Library is not only the doorway to the future for Iowa State students, but also the doorway to excellence for Iowa State University.



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Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran. Any persons having inquiries concerning this may contact the Director of Affirmative Action, 515 294-7612.

**IOWA STATE UNIVERSITY**  
University Library

## LIBRARY FACTS & FIGURES

### Collections

Volumes held: 2,416,670

Books purchased annually: 29,787

Journals received annually: 33,914

Electronic resource titles: 6,966

Microform units: 3,445,603

Photographs and slides: 832,017

Materials range in date from 1475 to the present, representing 118 languages

Collection strengths: biological and physical sciences and technology

Films and videos: 51,542

Audio materials: 12,957

General Collection: 26.56 miles of books

Manuscripts and archives: 14,995 linear feet

Aerial photos and maps: 107,919

### Annual Statistics

e-Library visitors: 13,057,424

Library building visitors: 1,720,434

Items circulated: 321,503

Items used in-house: 172,556

Items lent to other institutions: 30,288

Items borrowed from other institutions: 16,908

Seats for patrons: 2,572 (w/ branch facilities)

Employees (full-time equivalents):

45.0 professional

99.5 support staff

1.0 graduate students

45.3 students

### History of the Library and its Art

#### History

Library located in Old Main: 1868-1891

Library located in Morrill Hall: 1891-1914

Library located in Beardshear Hall: 1914-1925

User Education Program dating from 1891

Library of Congress classification, used since 1925

#### Art in the Library

Grant Wood murals

Christian Petersen sculptures

Stephen deStaebler sculpture

Doug Shelton mural

Nina de Creeft Ward sculpture

Kurt Andersen mural

### ISU Library Facilities

#### Parks Library

Size: 325,488 gross sq. ft.

Original building: 1925

Addition I: 1961

Addition II: 1969

Addition III: 1983

Dedicated to William Robert Parks  
and Ellen Sorge Parks in 1984

#### Storage Building

Volumes: 350,000

Size: 16,500 gross sq. ft.

#### Branch Facilities

Design College Reading Room

111 College of Design, 12,500 volumes

Mathematics Reading Room

401 Carver Hall, 8,500 volumes

Physical Sciences Reading Room

208 Office & Laboratory, 26,300 volumes

Veterinary Medical Library

2280 Veterinary Medicine, 33,300 volumes

*Statistics based on FY04 data.*

## WAYS OF GIVING

### **Opportunities to make a difference**

There are many ways you can strengthen the Iowa State University Library and assist the students, faculty and researchers it serves.

General support for the Library's development fund provides the greatest flexibility to meet emerging opportunities and new priorities. Restricted gifts are expended in areas specified by the donors.

### **Library Friends Annual Membership**

The Friends of the Iowa State University Library provide unrestricted annual gifts and a nucleus of support and encouragement important to the well-being of the Iowa State University Library.

### **Unrestricted Gifts**

Unrestricted gifts may be made with cash contributions, gifts of securities, or through the creation of endowments. Each method provides funds to meet library priorities. This may be the purchase of books or journals, or the purchase of equipment, computer databases or other informational resources.

### **Matching Gifts**

Many employers have a matching gift program that multiplies the gifts their employees make to institutions of higher education. If your gift is doubled, you may qualify for higher membership categories in the Library Friends or the Order of the Knoll, Iowa State's premier donor recognition club.

### **Bequests**

Bequests have the advantage of creating meaningful future gifts without lessening the

assets available to you during your lifetime. Bequests should be made to the Iowa State University Foundation for the benefit of the library program of your choice, and may consist of the entirety or a portion of your estate.

### **Trusts**

The planned giving staff of the Iowa State University Foundation can assist donors in planning charitable trust agreements. Through a trust, you can provide income for you or others during your lifetimes and provide substantial future support for the Iowa State University Library.

### **Memorial Gifts**

You may choose to purchase a book in memory or honor of a friend or loved one. A contribution of \$50 or more is needed to purchase a library book, and it will be marked with a special bookplate indicating the honoree or the donor.

THE  
**IOWA STATE  
UNIVERSITY**  
FOUNDATION

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Opportunities  
for a **Lifetime**

## Iowa State University Archives

The University Archives, located in the Special Collections Department of the Iowa State University Library, serves as the primary repository for the historical records of Iowa State University. The University Archives collects and preserves university records that contain historical, administrative, legal, or fiscal value.

The Archives possesses nearly 6,000 linear feet of records documenting nearly every aspect of the Iowa State University community, including records of the College, President, and Provost; approximately 100,000 photographs of the campus and college departments; artifacts relating to the university; papers of faculty and staff; records of student and faculty organizations; Iowa State University publications; architectural drawings; maps; audio and videotapes; subject files on athletics, campus buildings, students and alumni, as well as the University yearbook, *The Bomb* and records relating to VEISHEA, a student celebration dating from 1922.

Outreach and public programming are a major component of the Archives' mission, and includes reference service by person, telephone, e-mail, and fax, exhibits in the Department's Reading Room and Webpage, providing resources electronically for the Library's Undergrad Commons and other ISU courses, and presentations and virtual information about the history of Iowa State.

The University Archives is also sponsoring an oral history project that will record the memories and stories of Iowa State students, faculty, and staff, and will make these interviews available to researchers.

Our history is unique—from the Atanasoff-Berry Computer to the landscape design of central campus; from the student experience in the VEISHEA parade to the Grant Wood murals in the library. The University Archives is dedicated to preserving that history and making it available to alumni and future students.

## **The Archives of Women in Science and Engineering**

The Archives of Women in Science and Engineering was inaugurated in the spring of 1994, adding another distinctive element to the Special Collections Department of the Iowa State University Library.

As the only collection in the country specifically focused on women scientists and engineers, the Archives seeks to preserve and make available materials significant to the scholars and researchers. The Archives of Women in Science and Engineering provides role models and adds another dimension to Iowa State's efforts to encourage women to become scientists and engineers.

The Archives collects in all fields of engineering, and the physical, earth, life, and computational sciences. By documenting the lives and careers of women in these fields, the Iowa State University Library is collecting significant documentation of women's history.

As diaries, research notes, correspondence, photographs, and unpublished papers are collected, these collections will reveal much about the social history of women in science and engineering. The Archives has also begun several oral history projects focusing on those who have donated papers and women chemists.

The Archives has initiated several oral history projects, focusing on women who have donated their personal papers as well as women in chemistry and chemical engineering. In addition, the Archives is working collaboratively to share these oral histories with national repositories dedicated to science.

To assist the Archives of Women in Science and Engineering in its work, private funds are being sought to underwrite expenses that cannot be met through the library's regular budget. Immediate and on-going support is needed to fund initiatives specifically aimed at collection development and increasing electronic access to the collections by expanding the Archives' Web site to include selected documents and photographs, portions of oral histories, and K-12 resources.

As a land-grant institution, Iowa State University has a long history of a coeducational curriculum, with recognized strengths in science and technology. Drawing on these strengths, the Archives of Women in Science and Engineering is well positioned to expand its national reputation as a research center for scholars studying female scientists and engineers.

## PARKS LIBRARY ART

The Parks Library is celebrated for its public art, including the renowned Grant Wood murals from the 1930s, three Christian Petersen sculptures, as well as several notable newer artworks.

### Grant Wood Murals

The murals in the Grant Wood Heritage Area and on the walls of the staircase leading to the upper lobby of the original building remain the major artistic feature of the Parks Library. All panels are oil on canvas designed by famed Iowa regionalist artist Grant Wood (1892-1942) and executed under the federal program providing work for unemployed artists in the 1930s.

The eight panels of the *Other Arts Follow* mural stand seventeen feet high in the lobby stairwell of the original library building. The panels reflect the divisions of Iowa State College at the time: Veterinary Medicine, Farm Crops, Animal Husbandry, Home Economics, Ceramics and Chemical Engineering, Mechanical Engineering, and Aeronautical and Civil Engineering. Often referred to as *Breaking the Prairie*, the three panels in the Grant Wood Heritage Area of the lower lobby portray the beginning of tillage in Iowa by the pioneers in the 1840s.

### Christian Petersen Sculptures

The Parks Library has two works in Bedford limestone by Danish-born sculptor, Christian Petersen (1885-1961): the pair of students at the foot of the first floor stairwell in the lower lobby of the original library building, and the Old Woman in Prayer in the first floor atrium area. Many examples of Petersen's work are to be found throughout campus. Perhaps the most well known is the *Fountain of the Four Seasons* with its Native American maidens, located north of the Memorial Union.

### Other Works of Art

Additional significant public works of art at the Parks Library include: *Left-sided Angel*, a 465-pound cast bronze sculpture by nationally-known artist Stephen DeStaebler, located outside the south entrance, and *Shoulders of Giants*, a low-fired clay sculpture by Nina de Creeft Ward which celebrates the theme of mentoring. The library is also honored to house the Doug Shelton mural, *Unlimited Possibilities*, which celebrates the future of Iowa State University. A portrait by artist Kurt Anderson of William Robert Parks and Ellen Sorge Parks, for whom the library is named, hangs in the atrium. Also on the first floor is *Prairie Sky* by Kurt Anderson, which depicts the spectrum of moods found in the Iowa sky. This was dedicated to Dr. Parks in 2004. On the fireplace dominating the north wall of the Fireplace Reading Room are decorative ceramic tiles designed by Henry Chapman Mercer and created by the Moravian Pottery and Tile Works. All of these treasures and more can be viewed from the e-Library, where visitors can view the library's major artworks and read history and commentary.

Iowa State University Library  
FY2005 Priority Fund-Raising Projects

- \$200,000 High-Impact Collections Endowments [Discovery]**  
As the university seeks to achieve excellence in research on campus, information resources are key to that excellence. Due to eroding state budget support and continuing exorbitant annual inflation rates, the Library needs additional support through acquisitions endowments to support new and continuing research initiatives (e.g., food safety and security, animal genomics, plant sciences, genetically modified food, combinatorial discovery, etc.) and the research support for new endowed professorships. Infusion of new acquisition funds, particularly for interdisciplinary research, is pivotal to the University's success.
- \$200,000 e-Library Endowment [Learning and Discovery]**  
The e-Library continues to grow and meet the diverse needs of the Iowa State University community (with over 20,000,000 visitors annually). This transformational library provides a complete range of library services, collections, tours, and exhibits. This new endowment would support building a new electronic Arts Wings to the e-Library, acquiring new electronic books and serials and state-of-the-art discovery tools, and purchasing necessary hardware and software tools to support creating new multi-media digital collections.
- \$225,000 Dean's Enrichment Fund [Learning, Discovery & Engagement]**  
The Dean's Enrichment Fund provides supporting funds for enriched library collections, library staff development, innovative special projects such as electronic reserves, and upgrading public study areas for enhanced learning environments.
- \$250,000 Library Endowments for Faculty and Graduate Assistants [Learning, Discovery, and Engagement]**  
Creating and building endowments to support library faculty positions for faculty and graduate assistants is vital to the Library's future. High priority positions include: Dean of Library Services, Head of Preservation, Head of Special Collections, a preservation intern position, and graduate teaching assistantships for Library 160, the core campus information literacy learning program.
- \$125,000 Rare Book Collection [Discovery]**  
A major component of any Special Collections is its rare book collection as it demonstrates the uniqueness of the library and the special nature of its collections. Moreover, rare books can augment highly specialized research needs. While the Library has slowly grown this collection over recent years, it is time to make a more concerted effort to expand this collection. This initiative would include gifts in kind and one-time funds to acquire rare books, preserve rare book materials, and create digital surrogates of our collection for broader public access.



IOWA STATE UNIVERSITY  
*Becoming the best.*