

*supports teaching and learning*



*increases information access*



# *Snapshot 2007*

*Celebrating 15 Years*



*increases affordability & effectiveness*



*enables world-class research*

# Why OhioLINK?

## (Ohio Library and Information Network)

### Fifteen Years After Its Inception, Need for OhioLINK Stronger Than Ever

In the 1980s, the Ohio higher education community conceived a bold vision of a world-class cooperative library and information system that would **“be the most powerful statewide library and information system in the nation”** by providing dramatically better economics, coordination in the purchase of shared physical and electronic information resources, improved access to information infrastructure, and the promotion of improved scholarly communications.

Fifteen years after its inception, the need for OhioLINK is stronger than ever. The information problem OhioLINK was created to solve has both intensified and accelerated. The volume of published research materials—books, journals, videos and audio—has exploded and users increasingly demand instant, electronic access to research.

Today, OhioLINK is a cooperative effort of 16 public/research universities, 23 community and technical colleges, 47 independent colleges and the State Library of Ohio. The program is an initiative of the Ohio Board of Regents and supports the University System of Ohio. OhioLINK serves 600,000 faculty, students, staff and other researchers statewide.

This annual report will illustrate how OhioLINK **delivers cost-effective, increased access to information resources, supports quality teaching and learning, and enables world-class research.**



*photograph by Don Denney, courtesy of the College of Mount St. Joseph*

## OhioLINK Revolutionizes Libraries

**“Being a member of OhioLINK has revolutionized our library.** With basically the same budget as we had in 1996, the year we joined the consortium, we are now able to offer our students and faculty electronic access to the full text of more than 10 times the number of journals that we owned in print that year. Being a member of OhioLINK has become a major drawing card for prospective faculty members. I don’t know where we’d be without it.”

**Paul O. Jenkins**, Director of Library Services  
College of Mount St. Joseph

# The Only Affordable Approach to Expanded Information Access

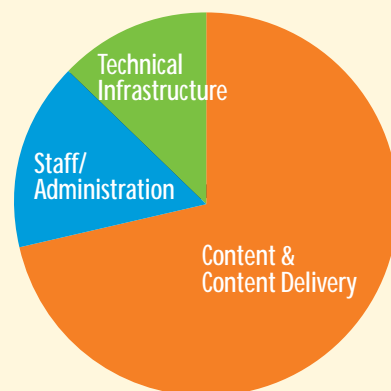
## The Economics of Cooperation

The OhioLINK program has continually demonstrated that by working together and purchasing resources cooperatively, Ohio's academic libraries can increase their buying power and provide access to more resources for the same, or even less cost than libraries paid individually. In fact, combining library and OhioLINK funds into statewide action has proven to be the only economically affordable and sustainable way to provide access to the information resources necessary for world-class teaching, learning and research.

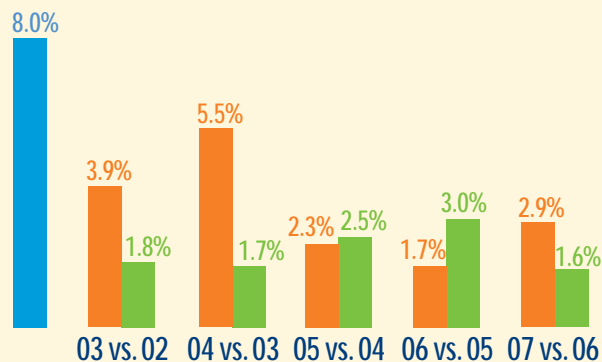
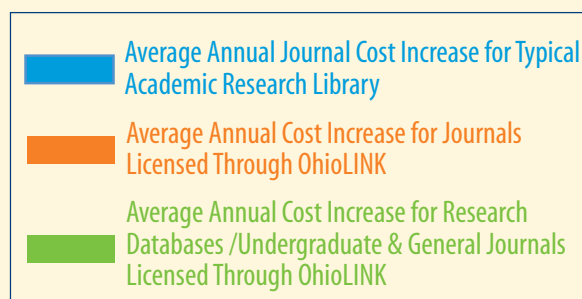
While many libraries have struggled to keep up with the rapidly increasing cost and volume of information, OhioLINK has:

- More than quadrupled Ohio Higher Education's journal buying power.** The \$26.1 million invested in OhioLINK Electronic Journal Center statewide licenses would cost at least \$105 million if purchased individually just by our universities and a much larger amount if applied across all smaller colleges.
- Delivered an average of \$3 worth of information for every \$1 spent on research databases.** Purchasing information centrally, for statewide use, continues to be the most cost-effective means of providing expanded access to scholarly information.
- Greatly increased access to scientific research on Ohio's campuses.** Students and faculty at OhioLINK universities now use more than three times more journals than were originally available in print on their campuses, while patrons of independent colleges use five times more and community college patrons use more than 20 times the amount of journals that were traditionally available.
- Greatly reduced the rate of increases in information costs** (three percent or less, on average) compared to the typical academic research library (eight percent).

OhioLINK Expenses 2007



## Controlling Costs



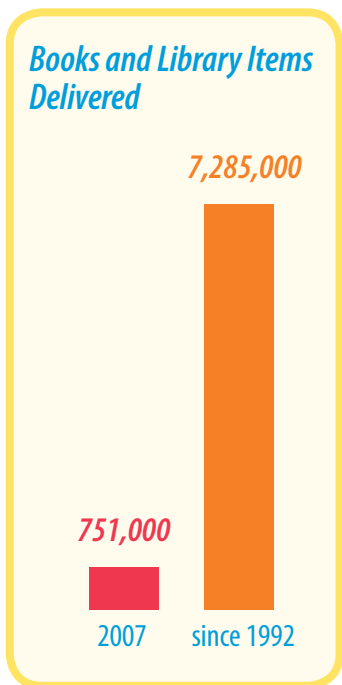
# Quality Teaching and Learning Require Authoritative Research Resources

## Fact: Research Resources Have Never Been Free

A prevalent myth today is that all information is available for free on the Internet, but the reliable, scholarly information resources necessary for quality teaching, learning and research have never been free. Authoritative research resources, in print or electronic form, remain the core of academic scholarship, and the majority of these can only be licensed from commercial publishers.

Instant and continuous access to the best, latest and widest array of research and scholarly information is a necessity for Ohio's instruction and learning needs. OhioLINK and its member libraries continued to support quality teaching and learning in 2007 by:

- **Delivering 750,000 books and physical materials in two to three days.** Students and faculty can access more than 10 million unique titles from 87 member libraries, two Ohio public libraries and the Center for Research Libraries via the OhioLINK Library Catalog. Scholars can request materials online anytime and pick them up at any participating library in just two to three days.
- **Delivering 18.3 million articles to users' desktops** from resources such as the EBSCOhost databases (including Academic Search Complete) and the OhioLINK Electronic Journal Center.
- **Creating the Electronic Book Center with a growing collection of 15,000 electronic books** in a single interface including scholarly titles, encyclopedias, dictionaries, guides and other reference works. OhioLINK provides an additional 21,000 e-books covering computer science and technology, and a variety of other academic subjects.
- **Delivering thousands of educational videos, art and historical images, sounds and oral histories, maps, and other multimedia resources** to enhance both traditional and e-learning.



## What's Available?



# Helping Students and Faculty Find and Access Scholarly Information 24/7

## OhioLINK Delivered 23.3 Million Articles, Books, Images, Videos, E-Books and Other Documents in 2007

Regardless of whether users start their search from Google Scholar, Microsoft's Live Search Academic, PubMed, the OhioLINK Web site or their library's Web site, they can access the reliable, scholarly resources that OhioLINK and their library have already purchased. OhioLINK helps users find scholarly information quickly with:

- **More than 140 research databases covering a wide variety of subjects.** Use of OhioLINK databases by students and faculty continues to increase. This indicates the need not only for the current collection, but also for additional databases to support all areas of scholarship, including the arts, humanities, business and the sciences.
- **OLinks, OhioLINK's self-developed linking service, which links users from citations to the full-text articles, images and other information** they need including 12,000+ commercially licensed journals, hundreds of open-access journals and holdings in the OhioLINK Library Catalog. OLinks is also incorporated into Google Scholar and Microsoft's Live Search Academic, two specialized search engines for scholarly research, as well as PubMed.
- **Quick Search, a tool that lets users search multiple scholarly resources in their area of interest simultaneously with a single search.** Ohio students and faculty conducted 921,000 Quick Searches in 2007.

## Researchers Rely on OhioLINK

"As a doctoral candidate in Ohio University's Contemporary History Institute, I find myself relying on OhioLINK almost every day to help my research. It is impossible to measure the positive impact Ohio University's membership in OhioLINK has had for my research dissertation. My project calls for extensive use of governmental documents; because OU is not a full government document depository, I have to borrow extensively from other OhioLINK members. I would say roughly 80% of the governmental documents I need have come to me from the good graces of OhioLINK consortia members. In short, **I would simply not be able to research and write my dissertation without the help of OhioLINK.**"

**Jack Epstein**, Doctoral Candidate  
Ohio University



photograph by Michael DiBari Jr., Ohio University

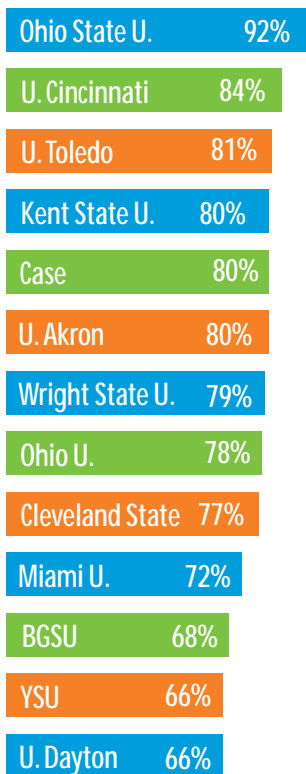
# Enabling World-Class Research with Robust Information Resources

## Giving Ohio Researchers a Competitive Edge with Electronic Journals

OhioLINK supports world-class research by providing Ohio researchers with comprehensive electronic access to the latest global scholarly information and robust research tools at economically affordable and sustainable rates.

With more than 7,300 journals and 9.4 million articles from 108 publishers, the OhioLINK Electronic Journal Center has more than quadrupled the buying power of Ohio higher education. What began in 1998 with less than one million articles from two publishers, has grown into one of the largest global collections of electronic journals. The EJC also saves researchers time by automatically delivering search results and new issue alerts. This year, OhioLINK users downloaded the 30 millionth article from the EJC without ever visiting the stacks.

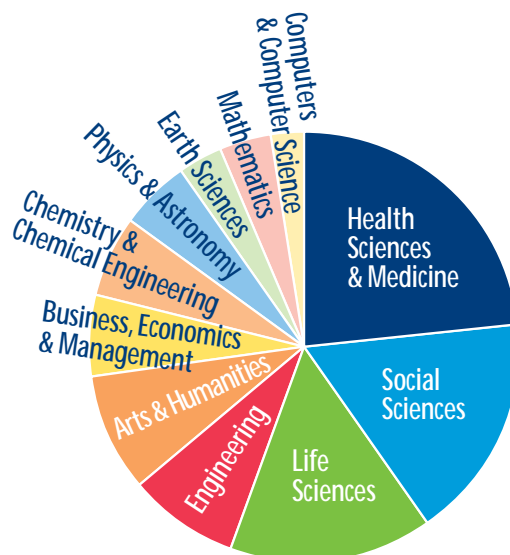
### Percent of Total EJC Titles Used by 13 Ohio Universities



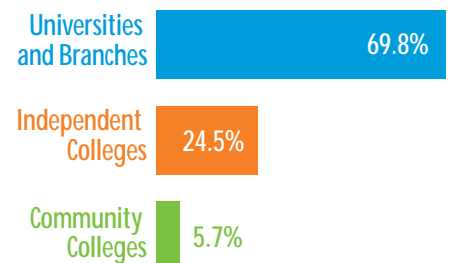
## Supporting Scholars and Research with the Theses and Dissertations Center

The OhioLINK Electronic Theses and Dissertations (ETD) Center meets the need of Ohio colleges and universities to publish doctoral dissertations, master's theses and honors theses efficiently. This single storage and publication system houses 13,500 theses and dissertations from 18 member colleges and universities and makes them available to scholars worldwide. There were more than one million downloads from the ETD Center in 2007.

### Electronic Journal Center Subject Coverage



### Institutions of All Types Download Articles percent of articles downloaded by institution type



# Helping Scholarly Communities Share and Discover Research Materials

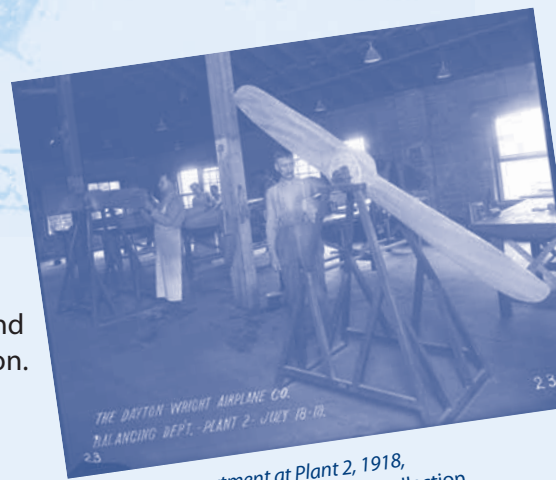
## The Digital Resource Commons: An Affordable Solution

The highly-anticipated Digital Resource Commons (DRC) debuted in 2007. The DRC provides a platform for OhioLINK members and other Ohio institutions to rapidly publish and access the wealth of research, historic and creative materials produced by Ohio's scholarly communities. Each participating institution's DRC appears as if it were hosted on the institution's own servers and displays the URL and branding elements of that particular institution or community within that institution. The Digital Resource Commons eliminates redundant and costly local platform investments by allowing member institutions to save, discover and share content which is stored and preserved on OhioLINK servers.

## Organize and Share Unpublished Research and Learning Materials

The Digital Resource Commons accepts documents, images and data sets. The DRC is an especially useful tool for storing and sharing unpublished research and learning materials such as preprint articles, working papers, technical reports, conference papers, lectures and lecture notes. In the future, the DRC will evolve to support a virtually unlimited variety of digital file types and formats including audio files, video files, streaming video, multimedia presentations, animations, simulations, learning objects and Web pages. Content submission is easy; institutions and communities can add content online.

Wright State University Libraries was the first institution to add materials to the DRC in 2007. Other OhioLINK members will begin contributing materials to the commons in 2008.



Balancing Department at Plant 2, 1918,  
Dayton-Wright Airplane Company collection,  
Wright State University Libraries



1001 De Havilland DH-4, 1918, Dayton-Wright Airplane  
Company collection, Wright State University Libraries

## Wright State Uses DRC to Collect, Preserve and Share

**"I am very excited that Wright State University was able to serve as the pilot project for the Digital Resource Commons.** This repository has the potential to be a great asset to the University Libraries and the WSU community at-large. The repository will allow us to meet our goal of collecting, preserving, and making available the intellectual output of the University's faculty and staff, as well as showcase our unique historical collections."

**Jane Wildermuth**, Head, Digital Services  
Wright State University Libraries





**Delivering books statewide**



**Visiting with students at Kent State University's Library Careers Night**



**Oberlin College joins OhioLINK, 1995**



**Ohio State University Professor Terry Miller demonstrates EJC, 1999**

**1992:**

**OhioLINK services begin** when first six member universities start building Library Catalog

**First two databases offered electronically** statewide via Telnet

**1993:**

10<sup>th</sup> member institution joins

**1994:**

**Two-year colleges begin to join OhioLINK**

28<sup>th</sup> member institution joins

**Users begin requesting catalog materials online**

1 millionth research database search

**1995:**

**Independent colleges begin to join OhioLINK**

41<sup>st</sup> member institution joins

**OhioLINK first delivers full-text, general interest articles to users** via library print stations

29<sup>th</sup> research database added

**1996:**

**Library Catalog live on World Wide Web** (500,000<sup>th</sup> online request)

**OhioLINK offers databases via the Web** (15 millionth search)

**1997:**

56<sup>th</sup> member institution joins

1 millionth online catalog request

62<sup>nd</sup> research database added

**1998:**

**E-Journal Center live** with 1,400 titles from two publishers

35 millionth research database search

4 millionth document downloaded

**1999:**

**OhioLINK receives Council of State Government's Innovations Award** for EJC

**Digital Media Center live** with two art collections

77<sup>th</sup> member institution joins

91<sup>st</sup> research database added

**2000:**

**OhioLINK receives Academic Excellence and Cost Management Award** from American Council on Education

**First e-book collection debuts**

55 millionth research database search

15 millionth document downloaded

23<sup>rd</sup> EJC publisher added

4<sup>th</sup> DMC collection added

**2001:**

**Electronic Theses and Dissertation Center launches**

Wright Brothers and Sanborn Historic maps collections added to DMC



**Founding member Shawnee State University, 1992**



**Picking up OhioLINK books is a breeze at the Ohio State University Libraries, 1999**







*Celebrating 15 years at Zanesville Campus Library-2007*



*Founding library directors and OhioLINK's Tom Sanville, 1992*



*Pontifical College Josephinum joins OhioLINK, 2007*



Foreign language and physics experiments videos added to DMC (13 collections total)

**2002:**

83<sup>rd</sup> member institution joins

**Chat with a Librarian begins**

**Subject Cluster Searching debuts**, allows searches of multiple resources simultaneously

80 millionth research database search

32 millionth document downloaded

49<sup>th</sup> EJC publisher added

113<sup>th</sup> research database added

**2003:**

**Pickup Anywhere debuts**, letting users pick up requested items from any participating library statewide

**39 research databases made available to all Ohioans** thanks to grant funding and a partnership between Ohio Public Library Network, INFOhio (K-12 library network) and OhioLINK

4 millionth online catalog request

45 millionth document downloaded

Educational films and documentaries collection debuts with 380 videos (17 DMC collections total)

**2004:**

**Cuyahoga County Public Library shares books via OhioLINK**

85<sup>th</sup> member institution joins

5 millionth online catalog request

125 millionth research database search

59 millionth document downloaded

88<sup>th</sup> EJC publisher added

132<sup>nd</sup> research database added

**2005:**

**Westerville Public Library shares books via OhioLINK**

150 millionth research database search

23<sup>rd</sup> DMC collection added

**2006:**

**Ohio State University Libraries adds 10 millionth unique title** to Catalog

180 millionth research database search

101<sup>st</sup> EJC publisher added

146<sup>th</sup> research database added

**2007:**

87<sup>th</sup> member institution joins

**Electronic Book Center launches** with e-books from two publishers

**Digital Resource Commons launches**

7 millionth online catalog request

210 millionth research database search

108<sup>th</sup> EJC publisher added



*Trinity Lutheran joins OhioLINK, 2007*



*Preparing OhioLINK books for delivery at UC Clermont, 2006*

# Increasing Information Access with Anytime, Anywhere Delivery

## Making Education Accessible with 24/7 Access to Information and Learning Tools

OhioLINK enables Ohio colleges and universities to maximize accessibility to higher education for both e-learners and traditional students. OhioLINK provides a robust, but not yet complete, array of the necessary electronic library services and resources to support the full range of core curricular needs, from vocational programs to preparation for a four-year degree and beyond.

OhioLINK also ensures that students, faculty and researchers have equal access to necessary information resources, regardless of whether the scholar is affiliated with Ohio's smallest community college or largest research university. Ohio students can also access the same core research resources regardless of whether they're taking a traditional, online or distance learning class.

## OhioLINK Enables E-Learners to Succeed

E-Learners, working students and students studying abroad need instant and constant access to the latest research resources and learning tools, but they often can't visit a campus library because of time constraints or distance. OhioLINK provides anytime, anywhere access to articles, books, videos, images and more, as well as the tools necessary to find and download scholarly resources. With OhioLINK, location becomes irrelevant. Soldiers on assignment overseas, faculty taking research leaves and students studying abroad all routinely rely on OhioLINK resources to seamlessly continue their studies and research.

## OhioLINK Items Delivered in 2007



# Anytime, Anywhere Access Makes Education More Attainable

## Faculty Can Find and Assign the Latest Research as Course Materials

OhioLINK provides persistent URLs to articles, multimedia and other resources, making it easy for faculty to use these items as course materials. By including OhioLINK and local library resources in class Web sites, course management sites and electronic course packs, faculty can provide all students with direct and easy access to assigned readings and resources. Since 2002, OhioLINK has also been delivering digital educational videos to users' desktops, allowing faculty to utilize videos in classrooms, online classrooms and assignments.

## Students Can Pick Up Library Materials From Participating Libraries Statewide

E-learners residing in Ohio can also request books and other library materials via OhioLINK and pick them up at any participating library statewide. OhioLINK users have utilized pickup anywhere 18,000 times since it debuted in 2003. Use of pickup anywhere is widespread. Users from 79 of OhioLINK's 87 member institutions have utilized the service and had OhioLINK items delivered to 150 different locations statewide.

## OhioLINK Helps Students Succeed

"As a full-time student with a more than full-time job, I cannot tell you how OhioLINK has helped my academic career. With so little free time, I am often unable to travel to libraries to borrow a book or to get a journal article not housed by my own university, but OhioLINK has allowed me to receive information within my time frame and to immediately access journals. Research is time-consuming enough without traveling all over the place to do it. **With OhioLINK, time saved is a paper written, a project completed, and an academic career destined for success!**"

**Sharon Pelkey**, Graduate Student  
Kent State University



photograph by Hilary Kennedy, Kent State University

# Keeping It Affordable

## 2007 Financial Summary

### 2007 Expenses

Content and Content Delivery	\$ 8,319,622
Technical Infrastructure	\$ 1,472,768
Staff and Administration	\$ 1,863,140
<b>Total Expenditures</b>	<b>\$11,655,530</b>

<b>Combined Capital &amp; Operating Appropriations</b>	<b>\$11,316,094</b>
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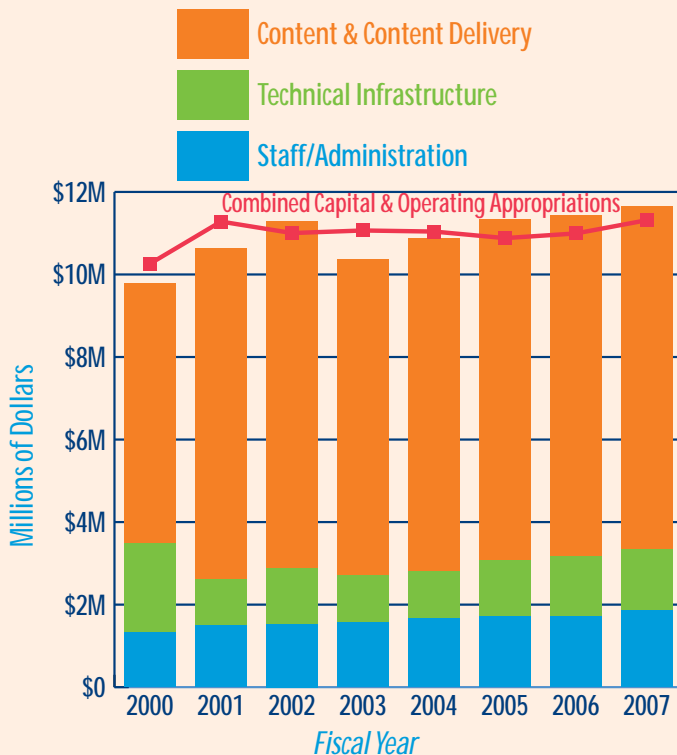
### EJC Costs (2007)

Total:	\$26.1M
Cost funded by OhioLINK:	\$4.3M
Cost funded by member libraries:	\$21.8M
Average percent of EJC titles originally held in print by Ohio universities:	25%
Estimated cost to duplicate EJC in print just at 13 universities:	\$105M

### Research Databases / Undergraduate & General Journals / E-Books (Fiscal 2008)

Total:	\$7.5M
Cost funded by OhioLINK:	\$3.4M
Cost funded by member libraries:	\$4.1M
Estimated group efficiency over individual purchases	300%
Estimated cost to duplicate through individual library purchases:	\$22.5M

### How Are OhioLINK's Funds Utilized?



### Putting Funds to Work: Growth in Services Provided Versus Growth in Appropriations

	1994	2007	% increase
e-journal articles downloaded	206,000	18,339,200	8803%
filled interlibrary loans	61,170	751,200	1128%
total searches	2,661,500	31,565,300	1086%
databases	18	143	694%
Library Catalog holdings	7,000,000	28,783,000	311%
unique titles in Catalog	2,760,000	10,361,000	275%
digital media downloaded	0	374,700	N/A
e-books downloaded	0	1,741,200	N/A
institutions served	28	87	211%
<b>combined appropriations</b>	<b>\$5,180,000</b>	<b>\$11,316,094</b>	<b>118%</b>

(FY07 Operating + Capital)

# Increased Information Access

## Results In Increased Information Use

### Resources Available

#### OhioLINK Library Catalog

Total items	47,061,554
Number of unique items	10,361,037
Items owned by only one member library	6,156,647 <i>(59%)</i>

#### Electronic Journal Center

Titles	7,361
Articles	9,393,516
Publishers	108

**E-Books** 35,961

**Digital Educational Videos** 3,061

**Research Databases** 143

**Electronic Theses and Dissertations** 15,033  
*(90% with full-text)*

### Resources Used

Resource	2007	Lifetime
Books & library materials borrowed	751,216	7,285,156
Catalog searches	4,416,007	50,505,076
Journal and magazine articles downloaded	18,339,230	82,989,232
Reference database searches	27,149,253	210,532,771
Quick Search @ OhioLINK searches	921,046	2,873,214
Digital Media Center downloads <i>(images, videos and sounds)</i>	374,726	1,434,256
Digital videos downloaded	103,562	286,137

# Reinventing OhioLINK

## New Vision for a Changed World

The basis for OhioLINK's contribution to the success of the University System of Ohio (USO) and Ohio private liberal arts colleges is very clear. A globally competitive educational system requires access to the world's scholarship, research, and information. OhioLINK's goals are to provide that access—both through the Internet to electronic information and through the rapid sharing of physical library materials throughout the state.

OhioLINK can enable the USO to be a global leader in instruction and research that generates robust economic development for Ohio by:

1. Supporting the full range of current information resources needed for core curricular needs from vocational programs to preparation for a four-year degree and by providing graduate programs and researchers comprehensive electronic access to the latest global research across the full range of scholarly and scientific fields—all at economically affordable and sustainable rates
2. Expanding access to the global historical research record that continues to be of great value in enriching new research
3. Centrally implementing new 21<sup>st</sup> century software tools for information management and state-of-the-art access that can be shared and utilized at all campuses

### OhioLINK Provides Access to World-Class Research Library

“Much of the research I do would not be possible without access to the journals and books available through OhioLINK. I research and write about, as well as teach, medieval literature, and with the help of OhioLINK, I have ready access to the best and most up-to-date secondary materials and scholarly editions of primary materials. **Without OhioLINK, I wouldn't be able to do my work as efficiently as I do, but with it, I have access to a world-class research library.** And my students do, too. Many of the works that my students need for their research papers in my classes are not owned by our library, but they can access them through OhioLINK.”

**Christina Fitzgerald**, Assistant Professor and Director of Graduate Studies,  
Department of English Language and Literature  
The University of Toledo



photograph by Dan Miller, University of Toledo

# Reinventing OhioLINK

## New Vision for a Changed World

OhioLINK can increase the cost-effectiveness of the USO college and university libraries by collaboratively and collectively managing the growing physical and electronic collections needed to support quality instruction and research by:

1. Minimizing, at a statewide level, the long-term capital and operating costs of storing, preserving and providing improved access to current and future library materials through coordination of physical and electronic copies and facilities
2. Coordinating library operations across Ohio to expand cost efficiencies and savings
3. Collaborating with other Ohio information dependent groups (e.g. public libraries, K-12, and business incubators) to enhance the quality of education, research, and economic development beyond OhioLINK's core constituencies
4. Collaborating with others to provide cost-effective print and electronic textbook options to improve the learning outcomes and textbook economics for students

## OhioLINK Snapshot 2007

### OhioLINK Governing Board

Steven Angle, Wright State University  
Linda Dobb, Bowling Green State University  
Jeffrey Herbst, Miami University  
Kathy Krendl, Ohio University  
Frederick Law, Lakeland Community College  
Ryan McCall, Southern State Community College  
Ken Moore, Sinclair Community College  
Anthony Perzigian, University of Cincinnati  
Fred Pestello, University of Dayton  
JoAnne Podis, Ursuline College  
Mary Jane Saunders, Cleveland State University  
Mike Sherman, The Ohio State University

### Ex Officio

Harry Andrist, Ohio Board of Regents  
Stephen Foster, Wright State University, LAC  
Tom Sanville, Executive Director, OhioLINK

The OhioLINK Snapshot is available in print and online at [www.ohiolink.edu/about/publications](http://www.ohiolink.edu/about/publications)

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