



## New Web Sites Enhance Classroom Instruction

Nine OhioLINK-sponsored instructional web sites in disciplines ranging from philosophy to engineering are now operational. In March 1997 OhioLINK awarded nine grants of up to \$5,000 each to provide funding for the creation of statewide World Wide Web sites intended to stimulate innovative ways for higher education faculty to improve the quality of classroom instruction through the use of the Internet, World Wide Web, OhioLINK and local library resources.

Grant awardees, collaborations of faculty

and library staff from OhioLINK-participating institutions, collected syllabi, tutorials, assignments, links to Internet resources, and other teaching tools, along with OhioLINK resources such as relevant research databases, to create a discipline-specific web site. The project's goal is two-fold: students' learning experiences will be enhanced beyond the classroom, and faculty teaching similar courses at a wide range of Ohio higher education institutions will find novel, valuable ways to complement classroom instruction. Faculty across the state can contribute ideas

to the sites or create similar ones in their area of expertise.

The team of librarians and faculty from OhioLINK-participating institutions that reviewed the 28 submitted proposals was impressed with the quality and number of responses. OhioLINK is excited that this project will contribute to inventive instruction throughout the state and hopes that this is the first step in a much broader use of these techniques in future instructional sites.

All sites are at <http://iws.ohiolink.edu>.

### Microbiology Learning Center

The site unites microbiology faculty and students through an interactive gateway. Faculty has access to core resources for teaching Basic Microbiology. Students have online access to traditional course information (lecture and laboratory syllabi, assignments, etc.), online library assistance and several unique resources (curricular outlines, images presented in class, tutorials, etc.).

*Created by Kent State University*

### Digital Electronics

This site introduces students to integrated circuits and devices, their design and operation. Troubleshooting techniques are studied as well. Key components include the course syllabus, course objectives, reference pages for each objective, reference materials, lectures, interactive tutorials, problems, OhioLINK access and relevant WWW resources.

*Created by Belmont Tech. College*

### Material and Energy Balances

This site introduces students to basic Chemical Engineering concepts. The instructor's forum is a repository of information including syllabi, tests, homework, design problems, and computer assignments. It also includes educational modules on unit conversion, hydrostatic pressure, recycle, phase diagrams, bubble point and dew point curves, and phase change.

*Created by University of Toledo*

### Developing Marketing Plans

This site assists learning about the marketing planning process by explaining the steps in developing an effective marketing plan and listing various related Internet services and resources. It is intended to supplement textbook and traditional library resources. The goal is to expand students' understanding of marketing planning, information resources, and tools that can make for effective marketing plans.

*Created by Cleveland State U.*

### Research and Argument: Tools for Teachers and Students

This site incorporates OhioLINK resources such as the Central Catalog, Reference Databases, and full-text resources into first-year composition syllabi, assignments, and instructional materials focused on preparing instructors and students at Ohio institutions to use OhioLINK to its full potential.

*Created by Youngstown State U.*

### Internal Medicine Core Curriculum

This site features curriculum-based information for Internal Medicine and each of its sub-specialties. It includes teaching goals for inpatient and outpatient training of residents and students, lists and describes the major disease processes dealt with in a specialty, lists major articles, links to related sites and provides a web-based mechanism to initiate canned searches of MEDLINE for recent articles.

*Created by Medical College of Ohio*

### History of Philosophy

This site features an interactive tutorial, a forum for research tips, and a philosophy front-end to facilitate OhioLINK searches. It also contains syllabi, handouts, and exercises to stimulate research and teaching at all levels, drawing on Kent State University's innovative, writing-intensive, history of philosophy course sequence.

*Created by Kent State University*

### Educational Psychology

This site is an online instructional resource for students and faculty in educational and school psychology courses. It has a tutorial about searching ERIC online, references about how to use the Mental Measurements Yearbook, a discussion board, bibliography of print resources, syllabi collections, class handouts and assignments, as well as links to many relevant topics relevant and Internet resources.

*Created by Miami University*

### General Psychology

This site contains instructional materials, tools, and techniques used in the teaching of a General Psychology course. It provides a forum for future active learning and distance learning. Included are submitted lists of useful classroom instructional technology resources and psychology web sites. It also provides a tutorial on using OhioLINK and a faculty electronic bulletin board.

*Created by University of Cincinnati*



## OhioLINK First Consortium to Contract Elsevier Ohio Universities and Colleges Stretch Library Dollars While Expanding Access to Research Journals

In an effort to make Ohio's higher education dollars work even harder, OhioLINK-participating libraries have banded together to obtain electronic versions of more than 1,000 of the most-used research journals for an annual cost of \$6.3 million. These same journals in print form would cost \$46 million annually if subscribed to by all participating libraries. The move greatly expands access to our students and faculty because acting alone, each library can only afford to purchase a fraction of the printed journals.

OhioLINK is making this tremendous cost efficiency possible by becoming the first library consortium to contract with Elsevier Science, the world's largest scientific publisher. Russell White, president of Elsevier Science, Inc., and OhioLINK Executive Director Tom Sanville signed the agreement in May.

Currently, the major Ohio universities average only 260 of the Elsevier titles, for a total of 3,385 subscriptions. Two-year colleges, collectively, have only 13 of the journal titles. The OhioLINK arrangement makes 11 times as many subscriptions available — 40,250.

"No academic library in the state can begin to afford all of these titles. The statewide license provides needed access to important research and controls our subscription costs over the next several years. As we expand our electronic access we will avoid the additional costs associated with managing paper copies. Our students and faculty will have a powerful tool to locate information," said Bill Studer, director of Libraries at The Ohio State University.

The contract provides for electronic access at each library. OhioLINK will store an electronic version of each journal. Students and faculty will be able to search, browse, read and print their desired articles as needed from local workstations.

"Each year, universities across the state are spending more money on journals but getting fewer subscriptions because of rising prices at a time when we should be expanding access to keep abreast of new knowledge and discoveries," said Miami University Dean of Libraries Judith Sessions. "The Elsevier agreement is a major step in reversing this trend and providing a higher quality of library information resources at affordable costs."

### Elsevier Implementation Status

OhioLINK has received the necessary disk drives and is awaiting delivery of the servers. We expect to have all of the equipment installed and begin loading content in October. Testing will begin later this fall. The most current information will be loaded first, with backfiles being loaded in in reverse chronological order. Providing there are no complications, patrons will be able to access the journals beginning in January.

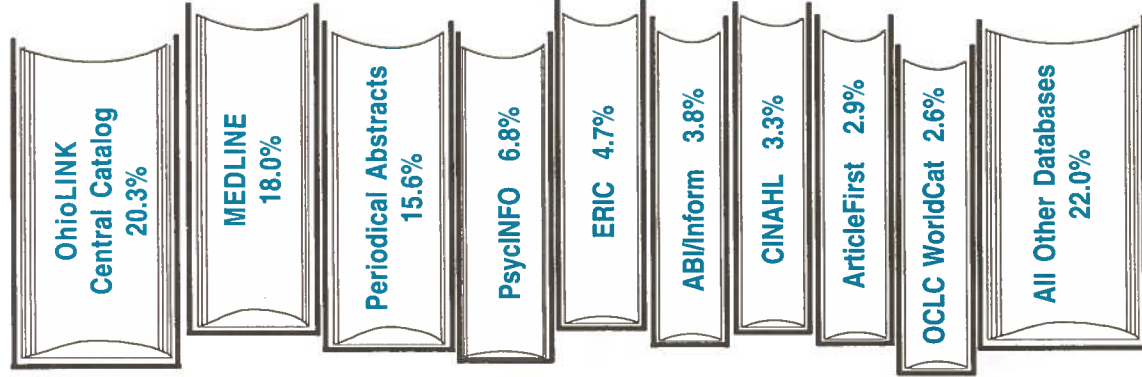
How to connect to OhioLINK:

WWW .....  
<http://www.ohiolink.edu>  
 TELNET .....  
 telnet cat.ohiolink.edu

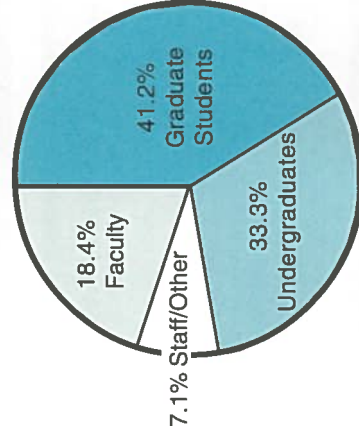


## Fiscal Year-End Statistics (July 1996 - June 1997)

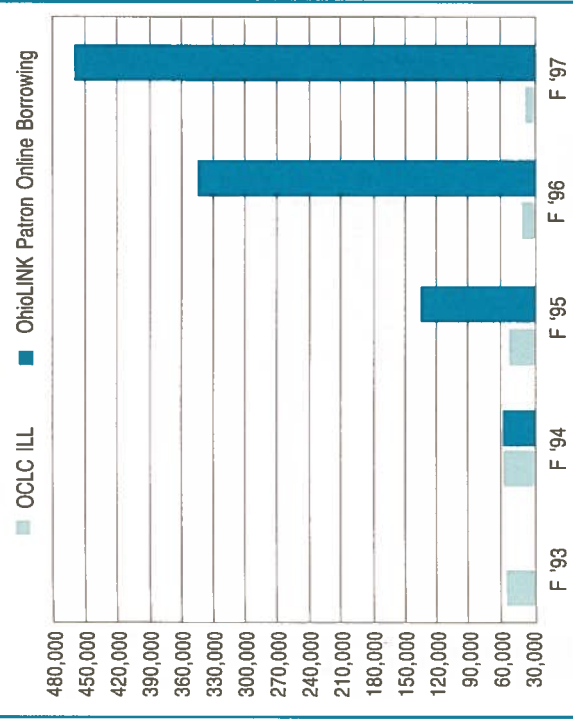
### Most Heavily Searched Databases



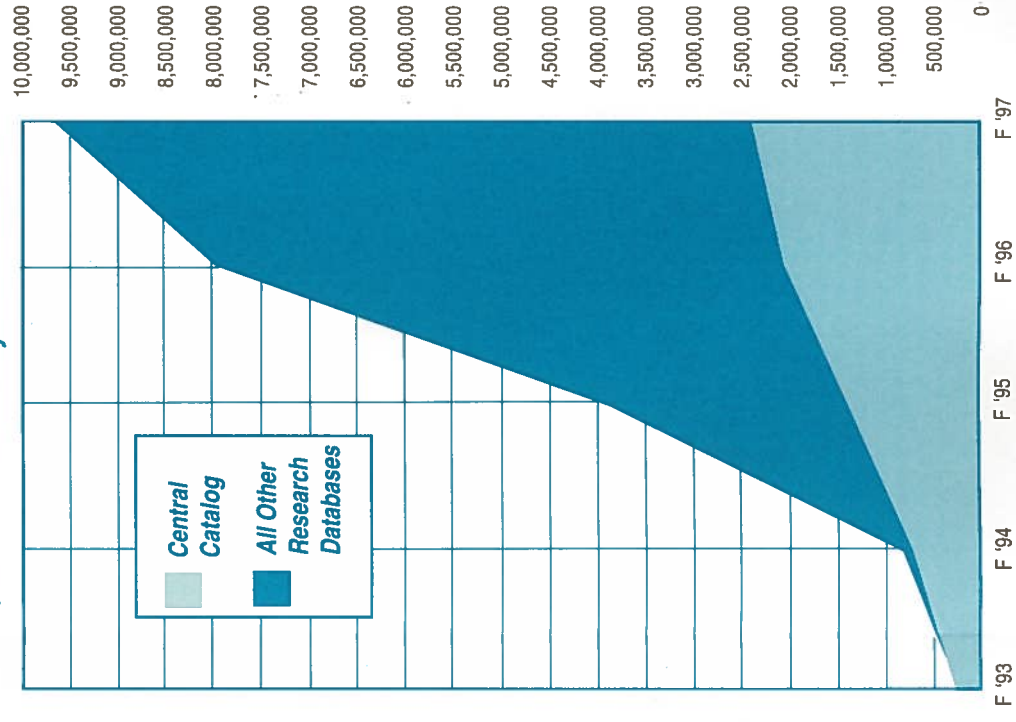
### Who's Using Online Borrowing



### Online Borrowing By Fiscal Year



### OhioLINK Searches by Fiscal Year



## OhioLINK Marks Milestone with Millionth Online Request

OhioLINK celebrated its millionth online book request from the Central Catalog at the end of May. Since February 1994 when we began offering the service, a growing number of patrons have been able to request items with just a keystroke on a computer in their library, home or office. Now students and faculty have access to 24.8 million items.

Before being able to request online, patrons averaged just 25,000 requests a year. In the first month OhioLINK initiated its patron online borrowing system, students and faculty placed 4,619 requests. Requests totaled 505,000 in the last 12 months, and this amount is still growing by 26 percent a year. Undergraduates, who rarely used traditional inter-library loans, now place 33 percent of the online requests.

Patron online borrowing is the hallmark of the OhioLINK system. Representatives from many countries and states have visited us to investigate how Ohio has accomplished this statewide network.

## In Brief...

### ISI Databases Availability to Begin in October

*SciSearch*, *Social SciSearch* and *Arts & Humanities Search*, three databases from the Institute for Scientific Information (ISI), will be available this fall.

OhioLINK has a working version of ISI's search software, and will release it for use upon the arrival of more powerful machines, which will provide adequate response times when performing a search.

Watch the OhioLINK web site and e-mail list serves for a debut date and further details.

### Research Databases RFP in Final Stages

As reported in the March 1997 *Update*, in response to continued concerns and complaints about the current research database search engines, OhioLINK issued a Request for Proposal (RFP) in February to determine whether another vendor offered a viable alternative. Six vendors were asked to respond; five did. The pool has since been whittled to two, Ovid Technologies, Inc. and Dataware Technologies, Inc.'s BRS/Dataware Search Engine, which were selected by the RFP committee for their functionality and economy.

OhioLINK staff members will present the alternatives in September to OhioLINK's Library Advisory Council. The committee of library directors could choose to move forward with one of the options or keep databases where they are.

The RFP will potentially affect the 29 research databases currently running under the Innovative Interfaces, Inc. (III) and Ovid search engines. It will not affect the OhioLINK central catalog.

If you have questions about the RFP, please consult the staff area of the OhioLINK web site or contact David Barber, new services development director, at david@ohiolink.edu.

### Two Private Colleges New OhioLINK Participants

Hiram College and Wittenberg University are now participants in OhioLINK, becoming the fourteenth and fifteenth private liberal arts college to participate and bringing the total number of institutions affiliated with OhioLINK to 56.

Both Hiram and Wittenberg will load their records into the OhioLINK central catalog this fall and will become active on the OhioLINK online borrowing system in January 1998.

## OhioLINK Member and Participating Institutions, Including Installation Dates

University of Akron, 1993	Miami University, 1992
Belmont Technical College, 1995	Mount Vernon Nazarene College, 1996
Bowling Green State University, 1992	Muskingum Technical College, 1994
Capital University, 1996	North Central Technical College, 1994
Case Western Reserve University, 1992	Northeastern Ohio Universities College of Medicine, 1993
Cedarville College, 1996	Northwest State Community College, 1996
Central Ohio Technical College, 1994	Oberlin College, 1995
Central State University, 1992	Ohio Dominican College, 1997
University of Cincinnati, 1992	Ohio Northern University, 1995
Cincinnati State Tech. & Comm. College, 1995	The Ohio State University, 1994
Clark State Community College, 1995	Ohio University, 1994
Cleveland State University, 1994	Ohio Wesleyan University, 1996
College of Mount St. Joseph, 1996	Owens Community College, 1995
Columbus State Community College, 1994	Rio Grande University and C.C., 1995
Cuyahoga Community College, 1994	Shawnee State University, 1994
University of Dayton, 1994	Sinclair Community College, 1994
Denison University, 1996	Southern State Community College, 1994
Edison State Community College, 1995	Stark Technical College, 1994
Hiram College, 1997	State Library of Ohio, 1994
Hocking College, 1995	Terra Community College, 1995
Jefferson Community College, 1995	University of Toledo, 1994
Kent State University, 1994	Ursuline College, 1997
Kenyon College, 1996	Washington State Community College, 1996
Lakeland Community College, 1995	Wittenberg University, 1997
Lima Technical College, 1994	College of Wooster, 1996
Lorain County Community College, 1995	Wright State University, 1992
Marion Technical College, 1994	Xavier University, 1996
Medical College of Ohio, 1993	Youngstown State University, 1993

### *OhioLINK Update*

*Volume 3, Number 2 September 1997*

OhioLINK Update, published semi-annually provides information on the developments of the OhioLINK project.

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