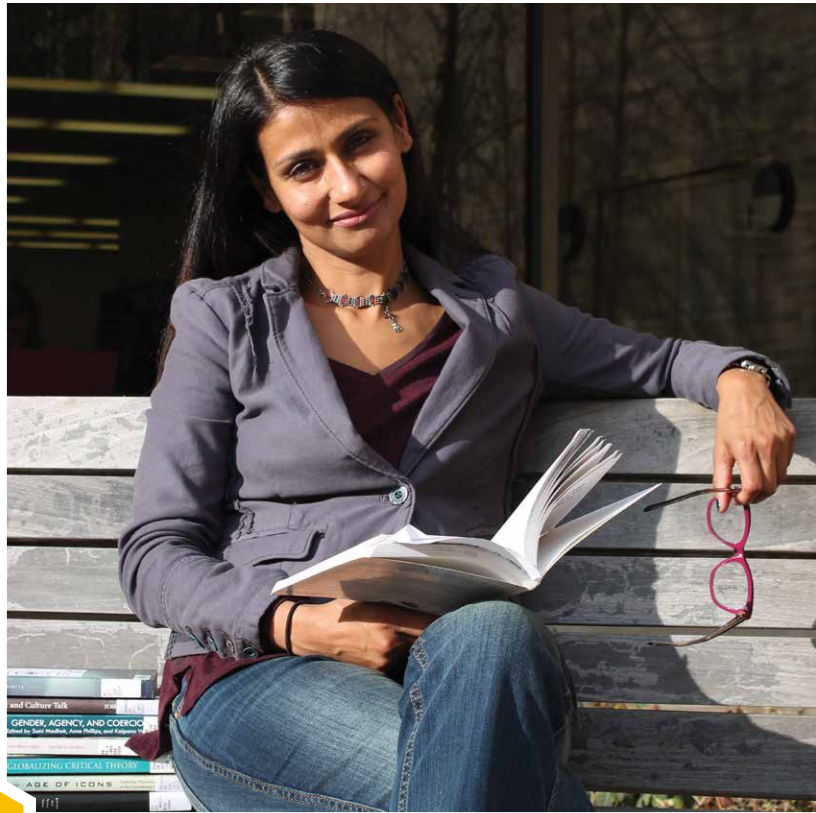




OhioLINK

An **OH·TECH** Consortium Member

Annual Report 2015–16



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Judy Cobb

Digital Curation Coordinator

Stefanie Wolf

Executive Assistant

ohiolink.edu/directory



Chancellor John Carey directs the Ohio Department of Higher Education and oversees the strategic initiatives of the Ohio Technology Consortium and its member organizations in support of the state's technology infrastructure needs.

"The vast library and research resources available through OhioLINK provide Ohioans with unprecedented access to information that can energize education and drive innovation."

— John Carey, Chancellor, Ohio Department of Higher Education

OH·TECH

Ohio Technology Consortium

A Division of the Ohio Department of Higher Education

The Ohio Technology Consortium (OH-TECH) serves as the technology division of the Ohio Department of Higher Education and comprises a suite of technology and information member organizations unsurpassed in any other state: OSC, OARnet, OhioLINK and eStudent Services. Their consolidation under the OH-TECH banner allows each organization to pursue assorted synergies and efficiencies.



OhioLINK

Composed of 121 members, including college and university libraries and the State Library of Ohio, the Ohio Library and Information Network (OhioLINK) delivers a rich array of resources to the students, faculty and researchers of member institutions, plus substantial savings to the state of Ohio. Support from member institutions and the Department of Higher Education have created a collection of shared print and digital materials that rivals the research collections available at the top university libraries in the United States and internationally.

From the director

#ResearchMatters is much more than a catchy slogan at OhioLINK. Our small but dedicated staff works hard every day to provide researchers at all levels with the scholarly resources that help support a thesis, make a discovery, develop new medicines, dispel misconceptions or simply teach students a new idea. The ends are many; the means is OhioLINK.

This past year, we have shared the stories of several researchers. You will find two of these inspiring stories in the pages that follow:

- Xavier University's Suparna Chatterjee is an assistant professor who seeks to understand the unequal geographies of globalization by crisscrossing multiple fields to learn how ideas spread and impact people's lives.
- A voracious consumer of research publications, Wright State University's Kara Geremia dreams that her computational chemistry research might become, in turn, a publication available to future students through OhioLINK.

Staff at both OhioLINK central and our member libraries are extremely proud to support students, faculty and researchers. At OhioLINK, we do this in a variety of ways, from enabling the sharing of print books to cooperative purchasing of major eJournal and eBook packages to developing and providing a platform for digital theses and dissertations. We look forward to meeting the ever-evolving needs of students and researchers by enhancing our current services and developing innovative new ones.



Gwen Evans, MLIS, MA
Executive Director



► 2015–16 Highlights

EJC Rebuild

OhioLINK embarked on a major upgrade to the Electronic Journal Center—which contains over 26 million articles from multiple scholarly publishers—improving both the user interface and the underlying architecture.

Negotiated Savings

We realized substantial savings through several deals, including a 50 percent reduction in maintenance fees for our Integrated Library Systems software. ILS is used by all members, resulting in statewide savings of more than \$1 million per year.

More eBook Content

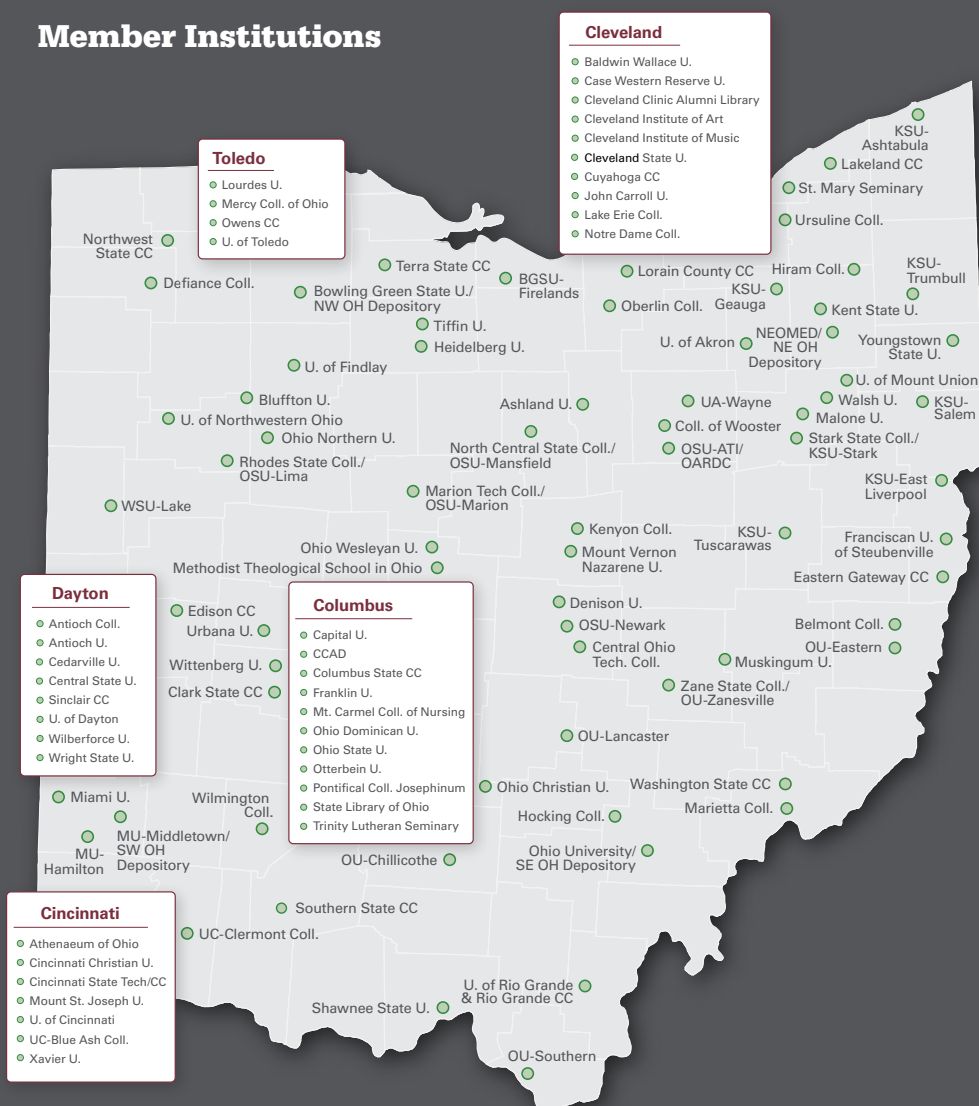
OhioLINK negotiated two major eBook packages, adding eBooks from the University of California Press, University of Chicago Press, MIT Press and Yale University Press, as well as titles from Institute of Physics Publications.

Pelotonia Participation

Participating in Ohio State's Pelotonia bike tour helps raise funds for cancer research, highlights the vital role libraries play in the research endeavor and indirectly supports fundamental activities that result in published research made accessible, in turn, to all OhioLINK members.



Member Institutions

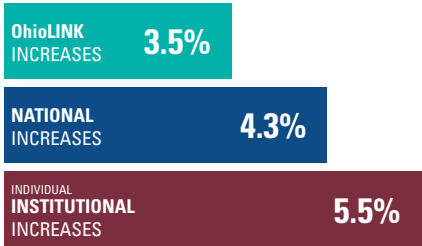


► Top from left to right: Gwen Evans, Stefanie Wolf, Amy Pawlowski, Meghan Frazer, Emily Flynn, Anita Cook, Brooklyn Ludlow, Tasha Bryant-Willis, Erin Kilkenny, Libby Davis, Jennie Thomas, Judy Cobb, Theda Schwing
Not Pictured: Joanna Voss

Financial Impact

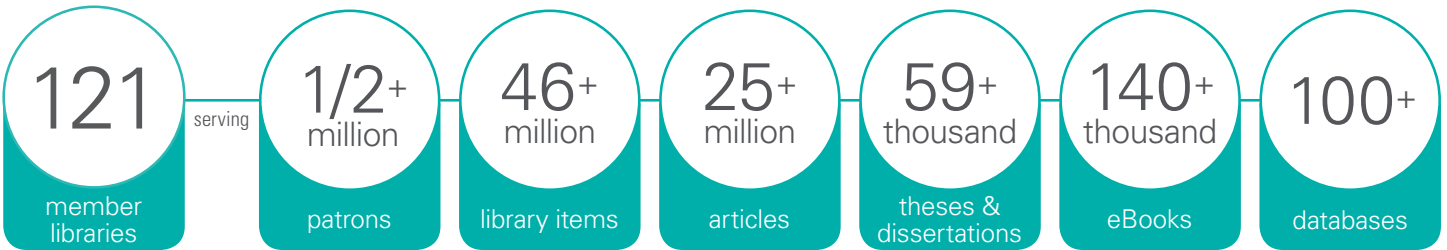
Traditionally, OhioLINK negotiates better prices for resources than individual institutions or other national and international library consortia. We leverage members’ collective buying power and use central state funding to encourage vendors to maintain affordable access to all 121 OhioLINK member libraries. This approach offers significant savings: In the case of one subscription, OhioLINK institutions collectively saved \$6 million versus the cost of negotiating individually. Preserving OhioLINK packages is the most efficient method of acquiring and disseminating content that supports academic research and teaching in Ohio.

OhioLINK NEGOTIATION PAYS OFF

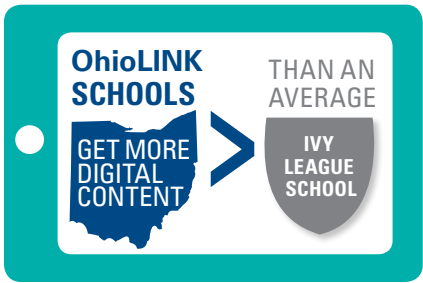


These numbers are the average rate of increase for journals for the past year.

OhioLINK BY THE NUMBERS

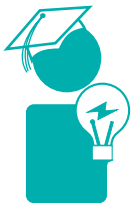


\$45 MILLION IN AVOIDED COSTS OVER THE PAST 5 YEARS



46,440,457 items in Central Catalog as of July 2016

AVERAGE COST STATEWIDE \$70 PER STUDENT



“The entire semester would not have been possible had it not been for what I have come to believe must be the eighth wonder of the world: OhioLINK. I am sure that my new addiction to OhioLINK will continue for the remainder of my academic career.”

— Rosemarie Emanuele, Inside Higher Ed blog post



Student Resources

Get acquainted with your library resources

"Oh, @OhioLINK, how extensive your collection is. Such a great system!"

— Alexa Fox, Assistant Professor of Marketing at Ohio University

"I utilize OhioLINK resources all the time—at home, in my office and in other venues here and abroad."

— Shawnee State Professor Christine Raber, Ph.D.



Go to your library

ohiolink.edu/members

OhioLINK provides a wealth of resources; your library may have more. Go to the library's website, or visit your institution's library in person. Librarians are on site and want to help you, so just ask!

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Access electronic books

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OhioLINK's collection of over 140,000 eBooks includes encyclopedias, dictionaries and computer/technology titles.

Locate sources

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The Electronic Theses & Dissertations Center contains over 59,000 electronic theses and dissertations from students at participating Ohio colleges and universities. Check out the ETD Center to find research in your subject area.

Faculty/Staff Resources

Providing you with the best academic library content

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Use the OhioLINK Library Catalog to find and request more than 40 million books, periodicals, maps, music scores and audiovisual materials. Faculty can check out non-media materials for six weeks and renew them up to six times.

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With an OhioLINK My EJC account, you can create multiple lists of articles for later reference. You can also save searches and set up an email alert to be notified when your favorite journals publish new articles.

View Ohio theses & dissertations

etd.ohiolink.edu

Get immediate access to the most current graduate research on Ohio campuses via the Electronic Theses and Dissertations (ETD) Center, which contains research from students at 31 participating Ohio colleges and universities.

Access electronic books

ebooks.ohiolink.edu

Choose from OhioLINK's collection of 140,000 eBooks, including encyclopedias, dictionaries and computer/technology titles.

Improve student research papers

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Introduce students to the wealth of scholarly resources available through OhioLINK, and receive improved student research papers and assignments in return. Surveys and anecdotal evidence continually show that faculty recommendations heavily influence which resources students use.

Find & assign course materials

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Use OhioLINK resources as course materials by including them in your course packets, class websites and course management sites. Link to specific scholarly articles, journals, eBooks and digital videos to provide students with direct access to assigned readings or additional resources.

"I'm going to miss @OhioLINK most of all if I ever leave the state. #spoiled"



@DrDLStewart



Volumes of academic literature give life to computational chemistry thesis



WHO:

Kara Geremia, who recently completed her master's degree in computational chemistry from Wright State University.

WHAT:

OhioLINK helped Geremia cite more than 200 articles in her master's thesis, which uses research from as far away as Russia, France and Brazil.

IMPACT:

Geremia has begun the Ph.D. program in chemistry at the University of Nevada Las Vegas. Her hope is that her own research will one day become part of OhioLINK's Central Catalog.


As a voracious consumer of research publications for her master's thesis, it is Kara Geremia's dream that her own published research will become part of OhioLINK's Central Catalog, listed among the hundreds of academic literature pieces that she referenced in her thesis work.

Geremia recently completed her master's degree in computational chemistry from Wright State University. Her research relied heavily on published literature as a means to create quantitative data models. She needed to gather reliable publications to confirm her theoretical findings, and she ideally needed it all in one place. She sought help at Wright State's Paul Laurence Dunbar Library, where Mary Lou Baker Jones, Wright State's science and math librarian, pointed

her in the right direction. Baker Jones is an invaluable assistant to researchers at Wright State, Geremia said. While Wright State had many useful publications, the university did not have it all—to reach above and beyond, Geremia accessed OhioLINK to supplement her data repertoire.

Thanks to the academic papers she accessed through OhioLINK at Wright State's library, Geremia cited over 200 articles in her thesis, using research from as far away as Russia, France and Brazil. These reliable publications were necessary for Geremia to confirm the theoretical findings of her research.

"If it were not for OhioLINK, I would not be able to model my theoretical data," Geremia said. "In other words, I would not have been able to publish my thesis."



► Kara Geremia, seen here with her daughter, recently completed her master's degree in computational chemistry from Wright State University. Having access to OhioLINK helped her gather more than 200 articles for her master's thesis.

"If it were not for OhioLINK, I would not be able to model my theoretical data. In other words, I would not have been able to publish my thesis."

— Kara Geremia

Geremia describes computational chemistry as using computers to solve chemical problems that cannot be computed by hand and then shaping a hypothesis based on the solutions. For her thesis, she studied the infamous compound caffeine, after discovering that it is not very well known at a submicroscopic level, despite being the most consumed stimulant in the world. Geremia used a technique to take the published values of chemicals and plot them against calculated chemical descriptors in order to estimate the theoretical values.

"I hope it sheds light on the fact that, while scientists may think

they have uncovered all there is to know about a compound, we have only scratched the surface," Geremia said." This is especially true for compounds used in the pharmaceutical industry."

Her thesis, "Computational Estimation of the pKa's of Purines and Related Compounds," is in the process of being converted to publications. And Geremia expects it will soon be submitted to journals and, as such, come full circle, becoming a part of OhioLINK's extensive research resources.

Soon after graduating, Geremia moved from Ohio to Nevada, where she taught in an adjunct

position at the Community College of Southern Nevada in Las Vegas. She began a Ph.D. program in chemistry in the fall of 2016 at the University of Nevada Las Vegas under dual advisors—one for computational chemistry and one for organic chemistry.

Her goal is to develop a theoretical method and, in turn, experimentally prove that theory. She said her dream job is to research at a university after completing her Ph.D. •

Faculty Profile

Chatterjee probes global issues with OhioLINK's worldwide resource access



WHO:

Suparna Chatterjee, assistant professor at Xavier University

WHAT:

OhioLINK's resources provide Chatterjee with vast amounts of up-to-date databases and literature for research and classroom work for a better understanding of how ideas spread throughout the world.

IMPACT:

Chatterjee's insight into issues of class, gender and race shed light on how global social and economic forces affect the lives of people in geographically distant but economically connected places.

Undeniably, researchers can appreciate OhioLINK's vast stockpile of literature from around the world, but perhaps none so much as Xavier University's Suparna Chatterjee, an assistant professor who seeks to understand the unequal geographies of globalization.

Her work culls information from economics, history, business and anthropology, to name a few, to study how ideas spread and impact the lives of people across the globe.

"I like to see how concepts and ideas travel, what is added and lost in its translation across social and spatial divides," Chatterjee said.

A native of India, Chatterjee brings to the classroom an awareness of translating and mediating unfamiliar and distant

concepts across cultures. This, she said, remains an underlying presence in her teaching and research. The courses she teaches at Xavier enable her to bring distant worlds into the classroom, where students have the opportunity to make unexpected and unforeseen connections between their lives and those that originally seemed distant and unfamiliar.

As these global economic and social paradigms rapidly morph and change, Chatterjee relies on the resources provided by OhioLINK for up-to-date databases and literature to support both her research and her work in the classroom.

"I think of OhioLINK as one of my lifelines," she said. "I would not know how to pursue my research without it."



► Suparna Chatterjee, an assistant professor at Xavier University, relies on OhioLINK to keep her updated on numerous subject areas across the globe.

Because her research so heavily involves the actions of others, it is imperative for Chatterjee to know what scholars in different countries are finding. This includes philosophical writings on globalization, as

Library, where she is a frequent visitor for both hard copy books and electronic resources. Access to OhioLINK can be especially valuable to scholars at small and private universities, of which Xavier is both, where

my life without OhioLINK. It's like having a security blanket."

"I think of OhioLINK as one of my lifelines. I would not know how to pursue my research without it."

— Suparna Chatterjee, Xavier University

well as statistics and hard facts. Through OhioLINK, she has instant access to more than 59,000 theses and dissertations in the Electronic Theses & Dissertations Center, as well as countless books, journals and research databases.

On Xavier's intimate campus, Chatterjee's office is right around the corner from the McDonald

resources may be limited. By providing a gateway to millions of pieces of information, OhioLINK allows Chatterjee to reach into the bookshelves and archives of 120 other member libraries in the state of Ohio.

"Knowing that I have access to OhioLINK makes me more secure about my scholarship," Chatterjee said. "I can't imagine

Chatterjee hopes her research is able to speak to the complexities and contradictions of the globalizing world and theorize anew about the contemporary world. By analyzing issues of class, gender and race, she will continue to highlight various ways in which global social and economic forces impinge on the everyday lives of people in geographically distant but economically connected places. To do so, she said, she will continue to read and expand her knowledge.

"For years to come, the library and its resources will remain central to my journey as a teacher as well as a researcher," Chatterjee said. •

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