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.

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

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OhioLINK

Ohio Technology Consortium

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.

ohiolink.edu/directory
#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
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 BY THE NUMBERS

121 member libraries
1/2+ million patrons
46+ million library items
25+ million articles
59+ thousand theses & dissertations
140+ thousand eBooks
100+ databases

$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
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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.

“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.
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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.

“I’m going to miss @OhioLINK most of all if I ever leave the state. #spoiled”

@DrDLStewart
Student Profile

Volumes of academic literature give life to computational chemistry thesis

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.

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.

“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. Geremia described her work as follows:

“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

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. My life without OhioLINK. It’s like having a security blanket.”

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.

“I think of OhioLINK as one of my lifelines. I would not know how to pursue my research without it.”
— Suparna Chatterjee, Xavier University

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 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 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 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 my life without OhioLINK. It’s like having a security blanket.”

“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. •