THE POWER OF Big

Big Ten Academic Alliance
Big ideas have big impact, and no one has bigger ideas and bigger impact than the Big Ten Academic Alliance. Our 14 world-class institutions produce big impacts for the states they serve and the nation at large. Collectively, they employ 50,000 faculty who conduct $10.5 billion in groundbreaking research each year, and they produce 147,000 highly skilled graduates who are ready to make big changes to the world around them.

Together through the Big Ten Academic Alliance, the nation’s preeminent academic collaborative, our 14 member universities advance their academic missions, generate unique opportunities for students and faculty, and serve the common good by sharing expertise, leveraging campus resources, and collaborating on innovative programs.

In this report, you will see countless examples of how our member institutions work together through the Big Ten Academic Alliance to amplify big ideas through collaborative action to produce even bigger impacts.

It’s all part of the power of thinking big—and of being part of the Big Ten Academic Alliance.

Keith A. Marshall, Ph.D.
Executive Director
Big Ten Academic Alliance
Big Ten universities are founding members of CADRE, the Shared BigData Gateway for Research Libraries, that is developing, seeding, and maintaining a cloud-based, extendable cyberinfrastructure for sharing large academic library data resources.

90M
books available to Big Ten libraries through UBorrow, a service that allows more rapid access than traditional interlibrary loan programs.

172
less commonly taught languages have been offered through CourseShare, a unique program that allows Big Ten students to take courses through distance learning.

30
years of offering relevant, effective professional development for promising faculty through the Academic Leadership Program.

60
years of idea generation, first as the Committee on Institutional Cooperation and now as the Big Ten Academic Alliance.

9
Big Ten universities are founding members of CADRE, the Shared BigData Gateway for Research Libraries, that is developing, seeding, and maintaining a cloud-based, extendable cyberinfrastructure for sharing large academic library data resources.
Universities in the Big Ten Academic Alliance deliver on Big Science. They are responsible for one discovery after another and have the research credentials and funding support to prove it. Engaging in $10.5 billion in research in 2017-18, member universities continue to provide powerful insights into important issues in medicine, technology, and agriculture and are committed to developing a scientific workforce that promises to advance that work for generations to come.
U.S. congressional districts benefit from Big Ten research dollars through scientific equipment and technology expenditures.

439

50%

individuals are supported through research awards, according to data from 10 member institutions; 40% are students and 16% are faculty.

70K

$10.5B

in funded research, more than the Ivy League’s $4.5 billion and the University of California system’s $4.6 billion combined.

80K

research-trained graduates are employed one year after leaving a Big Ten university; 24% are graduate students and 9% are postdocs.

of research employees at 10 of our member institutions are supported by NSF; 25% are supported by NIH.
Through collaboration, the universities of the Big Ten Academic Alliance have built a strong portfolio of nationally recognized student and faculty opportunities. Students who attend one member institution benefit from the academic strengths of 13 other schools. Access to their resources, languages, classes, and opportunities opens minds and opens doors. Faculty benefit, too, because the collective power of the Alliance enhances their personal networks, scholarship, research, and leadership potential. For all of them, these big opportunities lead to big experiences.
653,309 faculty and students are afforded **exceptional opportunities** at Big Ten universities

20 years of helping underrepresented students prepare for graduate school through our **Summer Research Opportunities Program**

11 years dedicated to **ensuring full opportunities for individuals with disabilities** by providing accessible technology and content

600+ member university staff at 28 watch stations participated in the inaugural **Women In IT, Lead From Where You Are Virtual Conference**
The collective voice of the Big Ten Academic Alliance furthers the conversation on today’s important research and academic topics. We make a big statement—and a big impact. Our collaborations influence every member campus, increasing diversity and serving as a gold standard for research partnerships. Our local and regional communities benefit from the financial engine provided by inspired research efforts. People here and across the globe feel the impact of our collaborations that improve their health, enhance opportunities, and improve the human condition.

universities in the Big Ten–Ivy League Traumatic Brain Injury Research Collaboration, working to increase student athletes’ health & wellness
increase in the average number of underrepresented minority (URM) faculty members hired in STEM disciplines since the beginning of the Professorial Advancement Initiative

URM postdoctoral scholars supported on their path to become faculty members through an NSF grant

200% patents issued this year to Big Ten schools creating a significant impact across the marketplace

$275M in research dollars are spent in our home states
Big savings lay the foundation for big plans. Through collaborative efforts in resourcing and purchasing, the Big Ten Academic Alliance maximizes efficiencies and enhances purchasing power. The academic enterprise across all 14 campuses benefits from the savings that are delivered through shared resources and procurement agreements, which can then be invested in the infrastructure that furthers cutting-edge research, scholarship, and student success.
$100M+
Aggregated savings over the last 5 years through the combined purchasing power of the Big Ten Academic Alliance.

$37M
Library licensing savings over the last 5 years.

$81.1M
Savings in consortial contract spend.

$9.2M
Annual savings through OmniPoP, the fiber optic network shared infrastructure.

$9M
Savings through 50 procurement and licensing agreements.
The Big Ten Academic Alliance brings together the nation’s top minds to advance the academic enterprise. Partnerships are built through shared passions, intellectual curiosity, and a commitment to solving challenging problems. By thinking big, our partnerships maximize resources and investments, provide access to unmatched services and scholarly material, and establish a collaborative network where discovery flourishes and good ideas can be brought to fruition.
2014

The year the Cooperative Cataloging Partnership was started to create access to cross-institutional collections through supplemental cataloging capacity.

24/7

Surveillance and threat analysis by OmniSOC, a joint cybersecurity operations center created by 5 of our universities to rapidly respond to cyber-threats.

28

The total number of schools in the Big Ten Academic Alliance and the Associated Colleges of the Midwest that are working together to advance the Undergraduate and Faculty Fellows Program for a Diverse Professoriate.

150

Attendees at the Traumatic Brain Injury Summit, a collaboration between the Big Ten and the Ivy League.

36

Universities in the International Research Experience Program, partnering to provide valuable research opportunities to Big Ten and French students.
The Big Ten Academic Alliance is a consortium of world-class research universities governed by its member provosts and supported by campus investment.

**Provosts**
*July 1, 2017–June 30, 2018*

Karen Hanson, Chair
University of Minnesota

Andreas Cangellaris
University of Illinois

Lauren Robel
Indiana University

Susan Curry
University of Iowa

Mary Ann Rankin
University of Maryland

Martin A. Philbert
University of Michigan

June P. Youatt
Michigan State University

Donde Ashmos Plowman
University of Nebraska-Lincoln

Jonathan Holloway
Northwestern University

Bruce A. McPheron
Ohio State University

Nicholas P. Jones
Pennsylvania State University

Jay T. Akridge
Purdue University

Wanda Blanchett
Rutgers University-New Brunswick

Sarah C. Mangelsdorf
University of Wisconsin-Madison
STATEMENT OF ACTIVITIES
For the Year Ended June 30, 2018

Support and Revenue

Member Dues $3,566,851
Program Revenues 3,137,544
OmniPoP and Fiber Optic Ring Services 1,167,135
Seminars and Conferences 92,906
Member Reimbursements 67,811
Coordination Fees 221,686
Other Income 6,917

Electronic Licensing and Purchasing, Net of Direct Costs of $21,375,352 0

Total Support and Revenue 8,260,850

Expenses

Program Services 4,333,148
Supporting Services:
Management & General 2,886,809

Total Expenses 7,219,957

Change in Unrestricted Net Assets 1,040,893

Unrestricted Net Assets, Beginning of Year 6,168,528

Unrestricted Net Assets, End of Year $7,209,421

Current Assets  Current Liabilities

Cash $6,515,689  Accounts Payable, Related Parties $255,710
Grants Receivable 7,355  Accounts Payable, Other 2,628,626
Accounts Receivable, Related Parties 2,619,367  Accrued Compensated Absences 296,790
Other Receivables 9,634  Deferred Revenue 2,540,192
Prepaid Expenses 1,831,990
Deposit Receivable 5,000
Prepaid Leases 66,564

Total Current Assets 11,055,599
Total Current Liabilities 5,721,318

Property and Equipment, Net 382,794

Net Assets

Unrestricted 7,209,421

Other Assets

Deposit Receivable, Net of Current Portion 25,000
Prepaid Leases, Net of Current Portion 1,467,346
Total Other Assets 1,492,346

Total Assets $12,930,739
Total Liabilities and Net Assets $12,930,739

STATEMENT OF FINANCIAL POSITION
June 30, 2018