3-2016

COMMITTEE ON INSTITUTIONAL COOPERATION 2014-2015 ANNUAL REPORT: The Power of the Collective

COMMITTEE ON INSTITUTIONAL COOPERATION

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COMMITTEE ON INSTITUTIONAL COOPERATION

2014-2015
ANNUAL REPORT

The Power of the Collective
“I’m so fortunate to be working within the CIC, where faculty are encouraged to engage with each other and to utilize, in very real terms, the most comprehensive infrastructure in American higher education. I honestly believe this project could not have had this much ‘buy in’ from faculty and success anywhere other than within the CIC.”

–Dr. Ann Clements, Associate Professor and Graduate Program Chair of Music Education, Pennsylvania State University
What a marvelous sight to see a flock of starlings flung across the canvas of the open sky. This mass of birds—a murmuration—moves synchronously, making it difficult for the human observer to pinpoint when and how the flock turns or changes course. The effect is graceful and startling.

Similarly, it’s hard to pinpoint the moment when a group of researchers and scholars turn from independence to collaboration. But the results of that turn are unmistakable. Barriers fall away, solutions to challenges are found, and ideas spark across a network with astonishing speed. At the CIC, we have the pleasure of watching as groups form, move toward a common purpose, then suddenly turn toward collaboration.

This year, we launched a number of innovative collaborations. As with any effort in the CIC, these build upon earlier successes put in place by such diverse communities as the Chief Information Officers, who deployed the fiber network providing very high bandwidth for the campuses. Or the University Librarians, who have pioneered large-scale digital information acquisition and management. Or faculty partnering with the athletic departments to improve health outcomes for student athletes through the groundbreaking Big Ten/CIC-Ivy League Traumatic Brain Injury initiative.

Together, our universities continue to refine what is arguably the most effective means for collaboration in American higher education. We can all find inspiration from the successes of our faculty colleagues detailed in this report. And, perhaps, we can become part of that joyous process of moving, swiftly and with grace, toward a place of greater collaboration in which our individual work is amplified and has greater impact.
With over half a million students and more than 50,000 faculty in the consortium, CIC schools occupy a significant footprint in American higher education. Recent CIC collaborations are leveraging this advantage as a way to increase access and opportunities across the academy and to provide insight into the economic impact of federal investments in research.

The CIC and the Associated Colleges of the Midwest (ACM) have partnered to bring their unique strengths to the effort of addressing many of the complex and wide-ranging barriers to faculty diversity. Building on the success of the award-winning Summer Research Opportunities Program (SROP), which is a model across the nation as an intensive introduction to university research, the fourteen colleges and universities of the ACM and the fifteen research universities of the CIC are sharing an $8.1 million grant from the Andrew W. Mellon Foundation to fund a seven-year initiative called the Undergraduate and Faculty Fellows Program for a Diverse Professoriate.

This unique endeavor gathers institutions from two sectors on an unusual scale, allowing the consortia to launch a program that encourages students from underrepresented backgrounds to participate in graduate school preparation and to consider careers teaching at liberal arts colleges.

The CIC/ACM project complements another CIC effort, funded by the National Science Foundation, to increase the diversity of faculty in the sciences. The CIC AGEP Professorial Advancement Initiative (PAI) seeks to address this issue through a systematic, multi-institutional cultural change designed to increase the progression of URM postdocs into the professoriate.

The CIC is also proving to be an excellent test bed for finding answers to many of the big questions in education, such as: What are the results of investments in research? Why should taxpayers support universities? How do universities affect the regional economy? These questions are beginning to be answered within the CIC (and more broadly in the research university community) thanks to an effort incubated in the CIC called UMETRICS.

The consortium successfully started a pilot project that brought together CIC researchers and vice presidents for research as well as the U.S. Census Bureau to develop a means of tracing the ways in which research spending affected economic activity. The team attracted over $10 million in support from NSF, NIH, and the USDA.

The approach was so successful that the Alfred P. Sloan Foundation and Ewing Marion Kauffman Foundation supported the establishment of the Institute for Research on Innovation & Science (IRIS) at the University of Michigan's Institute for Social Research. IRIS will now manage the UMETRICS effort, adding new universities and data for a greater impact.

Already, the data have been used to analyze how investments in research affect the economy through expenditures on people and purchases from vendors and to discover that a large portion of research-funded PhD recipients stay in the state where they received their education and earn higher wages than the national average.
Through connections to strategic partners in multiple sectors, the CIC has been able to build on a deeply rooted network of trust to greatly increase the impact of our collaborations.

Two CIC projects are leveraging the intellectual capital of our universities in strategic partnerships focusing on health and wellness. The CIC Health Equity Initiative is bringing together the fifteen member universities with their eleven state health departments to bolster health equity. By understanding and addressing the social determinants of health, the initiative is poised to improve the health outcomes of the three million vulnerable children and infants across the region.

With funding from the Robert Wood Johnson Foundation and the W.K. Kellogg Foundation, cross-institutional teams are working across the disciplines to create large-scale solutions to improve the quality of life and enable the faster diffusion of knowledge and uptake of good practice and policy.

The Big Ten/CIC-Ivy League Traumatic Brain Injury Research Collaboration is drawing on the research, athletic, and academic prowess of the twenty-three member institutions and continues making significant gains in the scientific and clinical sphere of TBI.

With developments such as the creation and adoption of Enhanced Concussion Protocols, the Research Collaboration has emerged as a leader in multi-institutional, cross-conference research focused on the prevention, detection, and treatment of traumatic brain injury and sports concussion.
“One of the pleasures of this initiative has been working with the Chairs of the Big Ten theatre departments and schools. Alone, none of us could commission a series of plays, but collectively we’re making a real contribution to the theatre, and especially to colleges that are looking for plays with excellent roles for women. We’re not competitive—we’re collaborative. It shows how much you can get done when you work together.”

- Alan MacVey, Director of the University of Iowa’s Division of Performing Arts and Chair of the Department of Theatre Arts
Much of the strength of the CIC comes from shared knowledge of faculty, administrators, and researchers learning from each other. This year was especially productive as faculty from across the campuses collaborated to enrich teaching and learning in fields ranging from the humanities to business.

As part of the CIC Music Education Collaborative, music education professors worked together to develop content and record TED-style short videos designed to provide a more enriching experience for both students and faculty across the consortium’s universities and to provide a professional social network of future music educators. Putting together such an extensive collective effort has been no small task, but as faculty member Ann Clements of Pennsylvania State University said, “It demonstrates that faculty from across the CIC really do want to share their expertise to develop collaborative teaching tools and learning environments that propel the entire field forward.”

Starting in 2010, the Big Ten Theatre Consortium established a commission program to support female playwrights and provide female theatre students and professional actors with strong roles. With a collaborative commitment to commission, produce, and publicize one play each year for three years, and, as the project progresses, potentially committing to additional years, the first commissioned playwright was Naomi Iizuka. Her play, Good Kids, is being produced exclusively by Big Ten universities throughout 2014-2016. The 2015-2016 season’s commissioned work is Baltimore by playwright Kirsten Greenidge. Each commission will include the provision that any Big Ten university can perform the play royalty-free for up to three years.

Colleagues from the schools of business, humanities departments, and those supporting veterans also came together this year to leverage the innovations and best practices that make these programs the best in the nation. Whether it was a peer mentoring program for veterans or expanding the internationalization of business curriculums, CIC groups both learn from each other and work collaboratively to increase their individual institution’s opportunities and impact.

When Jack Selzer, Paterno Family Liberal Arts Professor of Literature at Pennsylvania State University, led the Big Ten Colloquium on Graduate Study in the Humanities, he reflected: “When you think about the humanities, nationally they’re most often associated with the Ivy League schools and the other prestige privates. We [the CIC schools] actually perform at or above those levels, and we want to make sure that we continue to do so because we’re interested in making sure that our graduates have outstanding opportunities. That’s what it’s all about. We are leadership institutions, and this sort of get-together enables us to fulfill our leadership mission.”

Collaboration
"Rutgers is a relative newcomer to the CIC. In the few short years I've been lucky enough to have been involved as the Rutgers liaison to the Academic Leadership Program, my professional life has been tremendously enriched. To be able to draw upon the collective wisdom, generosity, and abundant good humor of my CIC colleagues has been invaluable, not to mention the opportunity to visit their beautiful campuses. I have encountered nothing else like the CIC in my 30+ years in higher education."

– Dr. Karen R. Stubaus
Vice President for Academic Affairs and Administration
Rutgers University
Launched in 1958 by the university presidents as the academic counterpart to the Big Ten Athletic Conference, the CIC connects faculty and staff across the fifteen campuses to increase opportunities, save money, and solve problems. Throughout the years, CIC leaders have developed a nationally recognized portfolio of effective programs and initiatives that leverage resources and expertise and amplify our collective impact in the wider world.

With a focus on recruiting, retaining, and engaging faculty, the CIC’s academic leadership programs are considered to be among the best professional development opportunities in higher education. By enhancing the leadership capabilities of faculty and administrators, the Academic Leadership Program and Department Executive Officers Seminars deepen the talent pool, increase advancement opportunities, and maximize the human capital that make our universities among the best in the world.

CIC programs also exponentially increase opportunities and access for students across the consortium. When students enroll at a CIC institution, they open their world far beyond what any one school could offer. Whether studying in Madison or East Lansing, a student’s university’s participation in the CIC provides expanded access to resources, languages, classes, and international study opportunities. Through programs such as the Summer Research Opportunities Program (SROP), Traveling Scholar, FreeApp, UBorrow interlibrary loan, and expanded Study Abroad offerings, students at all fifteen campuses can take advantage of the best that these top-tier universities have to offer.

The CIC has also taken a large-scale solutions approach to infrastructure and resources. OmniPoP, the CIC’s 100-gigabit fiber network ring shared infrastructure, produced an aggregated savings for participants of $5.8 million in FY15. The CIC Shared Print Repository has secured 165,565 journal volumes, which is the equivalent of 5.2 miles of shelf feet per library, or 73 miles of shelf feet saved across all CIC libraries.

Collaboration is paying off in the purchasing arena as well, with the CIC Purchasing Consortium leading the efforts that have resulted in member universities participating in consortial contracts worth $76.9 million, which have created more than $7.5 million in estimated savings.
Of the total Ph.D. degrees awarded in the U.S. annually, CIC universities awarded:

- 29% of Agriculture
- 18% of Engineering
- 18% of Humanities

Degrees

CIC universities conducted $10 billion in funded research, far more than the $5 billion of the University of California System or the Ivy League's $4.3 billion.

120.5 million Total Library Volumes

$5.8 million OmniPoP Savings

$4 million Library Savings

$10 billion

601,736 Total Students
### Statement of Financial Position

**June 30, 2015**

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<th>Current Assets</th>
<th>Current Liabilities</th>
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### Statement of Activities

**For the Year Ended June 30, 2015**

**Support and Revenue**

- Member Dues                                                                                     $3,326,741
- Program Revenues                                                                               1,755,937
- OmniPoP and Fiber Optic Ring                                                                     998,777
- Seminars and Conferences                                                                        64,411
- Member Reimbursements                                                                           53,927
- Coordination Fees                                                                               10,592
- Electronic Licensing and Purchasing                                                             76,571
- **Net of Direct Costs**                                                                        76,571
- **Total Support and Revenue**                                                                  $6,345,495

**Expenses**

- Program Services                                                                                $3,150,783
- Supporting Services:
  - Management & General                                                                          2,855,825
  - **Total Expenses**                                                                            $6,006,608

**Change in Net Assets**                                                                           $338,887

**Unrestricted Net Assets, Beginning of Year**                                                      $5,176,001

**Unrestricted Net Assets, End of Year**                                                            $5,514,888
The CIC is a consortium of world-class research universities governed by its member provosts and supported by campus investment.

**CIC Provosts**
July 1, 2014–June 30, 2015

**Karen Hanson**  
CIC Chair, University of Minnesota

**Eric Isaacs**  
University of Chicago

**Ilesanmi Adesida**  
University of Illinois

**Lauren Robel**  
Indiana University

**P. Barry Butler**  
University of Iowa

**Mary Ann Rankin**  
University of Maryland

**Martha Pollack**  
University of Michigan

**June P. Youatt**  
Michigan State University

**Ellen Weissinger**  
University of Nebraska-Lincoln

**Daniel I. Linzer**  
Northwestern University

**Joseph Steinmetz**  
Ohio State University

**Nicholas P. Jones**  
Pennsylvania State University

**Debasish Dutta**  
Purdue University

**Richard L. Edwards**  
Rutgers University

**Sarah C. Mangelsdorf**  
University of Wisconsin-Madison
University of Chicago
University of Illinois
Indiana University
University of Iowa
University of Maryland
University of Michigan
Michigan State University
University of Minnesota
University of Nebraska-Lincoln
Northwestern University
Ohio State University
Pennsylvania State University
Purdue University
Rutgers University
University of Wisconsin-Madison