



Report on Ohio Means Internships & Co-ops (OMIC) Award Strategy, Performance, & Financial Metrics

December 31, 2015

Ohio

Department of
Higher Education

John R. Kasich, Governor
John Carey, Chancellor

Ohio MEANS
internships
& co-ops

In accordance with Section 3333.041 of the Ohio Revised Code, the Ohio Department of Higher Education is required to report on the academic and economic impact of Ohio's co-op/internship program. The report is to include:

- a. Progress and performance metrics for each initiative that received an award in the previous fiscal year;
- b. Economic indicators of the impact of each initiative, and all initiatives as a whole, on the regional economies and the statewide economy;
- c. The chancellor's strategy in allocating awards among state institutions of higher education and how the actual awards fit that strategy.

The following report includes state and regional level performance metrics and financial data for the second round of awards made in 2014, followed by an overview of the strategy in awarding the OMIC 2.5 awards in 2015.

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SECTION I

Ohio Means Internships & Co-ops Year Two Data:

The Ohio Department of Higher Education issued a request for proposals (RFP) to institutions of higher education on September 18, 2014, for \$11 million in competitive grant funds to create or expand internship and cooperative education programs aligned with JobsOhio key industries and functions. Awards totaling \$10,884,325.00 were made to 26 lead institutions of higher education, partnering with 31 other institutions of higher education to increase opportunities for students across Ohio. The period of performance for the annual report of Ohio Means Internships & Co-ops (OMIC) activity and expenditure of funds ended June 30, 2015, which includes spring semester 2014 through spring semester 2015.

OMIC grantees worked to engage more students and businesses in internships and co-ops while expanding and enhancing their ability to do so. The grantees accomplished the following: 1) engaged and incentivized more students to pursue co-ops and internships in non-STEM majors, 2) engaged and incentivized more businesses to hire student co-ops and interns, and 3) expanded and enhanced the ability of the campuses to sustain programming. The grant catalyzed and accelerated efforts by campuses across Ohio to make work-based and experiential learning a priority.

Operating co-op and internship programs takes considerable time and effort. After a student is placed as a co-op or intern, campus staff visit the student's work site, interact with the business, collect and analyze evaluation data, and help the student receive academic credit and a course transcription of the experience. Business support and engagement requires dedicated staff to meet with businesses at their locations to respond to questions and develop long-term relationships. Some businesses require the assistance of campus staff and faculty in identifying co-op and internship candidates, writing position descriptions, researching wages, designing evaluation tools, and advising with regard to other legal and financial concerns. Overall, the grant and program goals are to create new or expand existing co-op and intern programs that are sustainable and relevant to the workforce needs of businesses and students while also promoting systemic approaches for programs within and across campuses, sharing best practices, and supporting effective grants program management.

Key highlights:

- 26 Lead Colleges & Universities & 31 Partner Institutions *(see JobsOhio map on page 20)*
- 2,275 students hired as OMIC interns or co-ops – 58% of these students were first-time co-ops or interns
- 1,100+ businesses hired students as OMIC co-ops or interns – 39% of these businesses were reported as new partners by grantees

Grantees supported additional students and businesses while expending award money at an efficient rate exceeding program projections. The grantees have achieved 95% of projected total program placements with twelve months remaining in the grant period.

The following data are presented as reported by each grantee and include a state and regional level view as well as a report on each grant as a whole. Please note that the grantees did not report consistent information for each data point due institutional differences in data collection and processing.

SECTION I (Part A): Student Co-op & Intern Data

2,275 STUDENTS HIRED AS OMIC INTERNS OR CO-OPS

Hires:

- » 1,381 co-ops
- » 824 interns
- » 58% of the OMIC students were hired as co-ops or interns for the first-time

Wages earned & hours worked:

- » \$13,610,204 total wages earned by OMIC co-ops & interns (\$6,172 per student average)
- » 1,015,898 total hours worked by OMIC co-ops & interns (461 per student average – about 30 hours per week over a 15-week semester)
- » \$13.40 per hour average rate

Scholarships awarded:

- » 26% or 566 of the OMIC co-ops & interns were awarded a scholarship for successfully completing a co-op or internship
- » \$400,752 was awarded to OMIC students in the form of scholarships
- » \$700 approximate scholarship award per co-op or intern

Grades, Graduation, & Work:

- » 3.3 average GPA of OMIC co-ops & interns
- » 32% or 505 OMIC students have graduated
- » 60% of OMIC students who graduated are working in Ohio & earning \$35,489 on average:
 - 19% working at place of co-op/intern employment
 - 18% working at business other than their co-op/intern employer
 - Other students who have graduated are working outside of Ohio, going to graduate school, or have joined the military.

STUDENT CO-OP & INTERN DEMOGRAPHICS

Age

| | |
|---------|-----|
| 16-18 | 3% |
| 19-24 | 75% |
| 25-44 | 15% |
| 45-59 | 2% |
| 60+ | <1% |
| Unknown | 4% |

Race

| | |
|----------------------------------|-----|
| White, non-Hispanic | 77% |
| Black, non-Hispanic | 5% |
| Hispanic | 2% |
| Asian or Pacific Islander | 3% |
| Multiracial | 2% |
| American Indian or Alaska Native | <1% |
| Unknown/uncollected Race | 8% |

Nationality

| | |
|---------------------------------|-----|
| Domestic | 86% |
| International | 4% |
| Unknown/uncollected nationality | 3% |

Residency

| | |
|---------------------------|-----|
| Ohio | 88% |
| Non-Ohio | 9% |
| Unknown/uncollected state | <1% |

Gender

| | |
|--------|-----|
| Male | 70% |
| Female | 26% |

Level

| | |
|---------------|-----|
| Undergraduate | 93% |
| Graduate | 3% |
| Not reported | 3% |

STUDENT CO-OP & INTERN OCCUPATIONAL FIELDS

The top three occupational fields that student co-ops and interns worked in were engineering, information technology, and business. These fields held the same participation rank whether a student participated as co-op or intern. These three fields also had the highest average wage per student. Below is the distribution of the percentage of co-ops and interns in each occupational field.

Standard Occupational Classification (SOC) of OMIC co-ops & interns (Top 3 bolded):

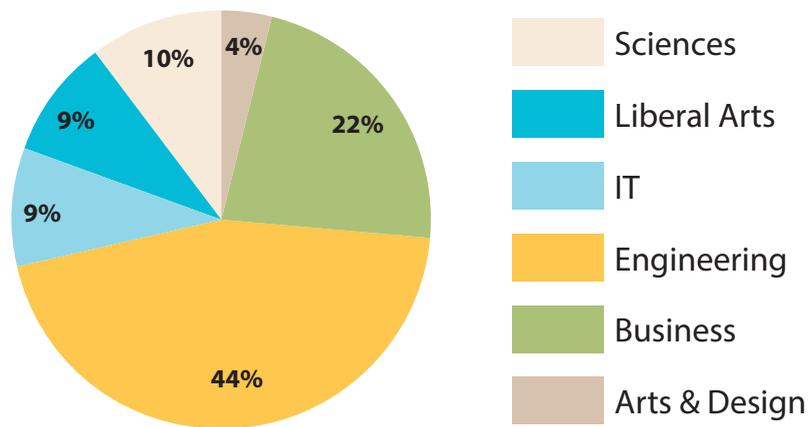
- 11-0000 Management Occupations: 4%
- **13-0000 Business and Financial Operations Occupations: 17%**
- **15-0000 Computer and Mathematical Occupations: 16%**
- **17-0000 Architecture and Engineering Occupations: 43%**
- 19-0000 Life, Physical, and Social Science Occupations: 2%
- 21-0000 Community and Social Services Occupations: 1%
- 23-0000 Legal Occupations: 0%
- 25-0000 Education, Training, and Library Occupations: <1%
- 27-0000 Arts, Design, Entertainment, Sports, and Media Occupations: 5%
- 29-0000 Healthcare Practitioners and Technical Occupations: 0%
- 31-0000 Healthcare Support Occupations: 1%
- 33-0000 Protective Service Occupations: 0%
- 35-0000 Food Preparation and Serving Related Occupations: <1%
- 37-0000 Building and Grounds Cleaning and Maintenance Occupations: 0%
- 39-0000 Personal Care and Service Occupations: <1%
- 41-0000 Sales and Related Occupations: 2%
- 43-0000 Office and Administrative Support Occupations: 2%
- 45-0000 Farming, Fishing, and Forestry Occupations: 1%
- 47-0000 Construction and Extraction Occupations: 1%
- 49-0000 Installation, Maintenance, and Repair Occupations: 2%
- 51-0000 Production Occupations: 2%
- 53-0000 Transportation and Material Moving Occupations: 1%
- 55-0000 Military Specific Occupations: Did not collect/not applicable

STUDENT CO-OP & INTERN MAJORS

Classification of Instructional Programs (CIP)/Majors of OMIC co-ops & interns

The largest percent of placed co-ops or interns studied engineering, followed by business and sciences. Other students were pursuing liberal arts, IT, and arts/design. Mechanical engineering was the most in-demand major. The program demonstrates a successful transition from a focus on placing students in technical and business majors, given that these majors are generally in demand and lead to higher-paying jobs. During the past year, grantees were encouraged to reach out to include and encourage students from diverse majors, including liberal arts and other non-technical majors, to pursue co-ops and internships. Faculty outreach and support for internships and co-ops assisted in attracting new majors.

Co-op & Interns by Subject Field/Major



SECTION I (Part B): Business Data

1100+ BUSINESSES HIRED STUDENTS AS OMIC CO-OPS OR INTERNS

Businesses serve as the key component to connecting our students to the world of work. Thanks to the breadth of small, medium and large businesses and organizations in Ohio that partnered with Ohio’s post-secondary institutions, students throughout Ohio gained work experience. The business support and hiring of students builds a pipeline of talent for future growth and employees.

Note that an individual business may hire student co-ops or interns from multiple OMIC grantees; thus, business numbers reflect the number of instances where a business had a hiring relationship with a campus. That is, one business may be reported as a partner by several campuses.

Business participation:

- 61% of businesses were returning co-op or intern partner employers for campuses

Business contribution:

- \$6,178,416 (co-op/intern wages and other direct costs from the business to support co-ops and interns)

JobsOhio Industries:

(Note: percentage totals over 100% due to some businesses being reported in more than one cluster – top 3 bolded)

| | |
|-------------------------------|------------|
| Advanced Manufacturing | 33% |
| Aerospace & Aviation | 7% |
| Agriculture & food processing | 3% |
| Automotive | 5% |
| BioHealth | 5% |
| Energy | 5% |
| Financial Services | 9% |
| Information Technology | 9% |
| Polymers & Chemical | 6% |
| Business Functions | 14% |
| Region Specific | 4% |

BUSINESS INDUSTRIES

North American Industry Classification System (NAICS) of OMIC businesses (Top 3 bolded).

Manufacturing businesses accounted for the largest participating industry, showing the significance of this sector to Ohio's economy. The manufacturing NAICS classification (31-33) is a supersector group under NAICS, encompassing establishments in 474 NAICS industries. This sector is followed by professional, scientific, and technical services at 20 percent. This category includes accounting, engineering, design, consulting, and public relations/media firms, among others. Information businesses such as media, data and wireless, and finance and insurance accounted for eight percent. All other sectors had participation from businesses but accounted for three percent or less each.

| Code | Industry Title | Number of businesses | Percentage |
|--------------|--|----------------------|-------------|
| 11 | Agriculture, Forestry, Fishing and Hunting | 12 | 1% |
| 21 | Mining | 3 | <1% |
| 22 | Utilities | 17 | 2% |
| 23 | Construction | 23 | 2% |
| 31-33 | Manufacturing | 466 | 44% |
| 42 | Wholesale Trade | 24 | 2% |
| 44-45 | Retail Trade | 27 | 3% |
| 48-49 | Transportation and Warehousing | 23 | 2% |
| 51 | Information | 36 | 3% |
| 52 | Finance and Insurance | 85 | 8% |
| 53 | Real Estate Rental and Leasing | 12 | 1% |
| 54 | Professional, Scientific, and Technical Services | 218 | 20% |
| 55 | Management of Companies and Enterprises | 22 | 2% |
| 56 | Administrative and Support and Waste Management and Remediation Services | 28 | 3% |
| 61 | Educational Services | 4 | <1% |
| 62 | Health Care and Social Assistance | 34 | 3% |
| 71 | Arts, Entertainment, and Recreation | 13 | 1% |
| 72 | Accommodation and Food Services | 5 | <1% |
| 81 | Other Services (except Public Administration) | 10 | 1% |
| 92 | Public Administration | 2 | <1% |
| | | 1064 | 100% |

SECTION I (Part C): OMIC II GRANTEEES PERFORMANCE & FINANCIAL METRICS

Campuses are using funds to place more students as co-ops or interns, encourage businesses to hire student co-ops and interns, and to enhance their capability and capacity to do so. Overall, based on figures that were submitted by grantees with their final project proposals, the hiring goal was 2,783 co-ops or interns with \$14,424,954 made available (\$6,013 per hire in terms of funds available). The actual hiring rate was 2,275 student co-ops and interns with \$5,563,924 in award money expended (\$2,313 per hire in terms of available funds) through June 30, 2015. At this rate, grantees demonstrated higher efficiency expending funds per hire and may be able to place over 3,500 student hires when funds are fully expended, exceeding proposed program outcomes. The institutions are achieving these results due to several factors, including administrative and process management directed to accelerating efforts to place students and engage businesses.

Grantees are required to match at least 100% of the award with private money. Match expenditures for this reporting period were \$5,681,445. This exceeds the grantee expenditures and demonstrates business support above the required 1:1 level during implementation. Private match consists of wages paid by businesses to co-ops and interns as well as other direct costs of the business partners to hire, on-board, train, evaluate and mentor co-ops and interns.

| OMIC II Lead Grantees | OMIC II Award | Award Amount Spent by 6/30/15 | Percent of Award Spent | Private Match |
|--|---------------|-------------------------------|------------------------|---------------|
| The University of Akron | \$831,162 | \$63,302.27 | 8% | \$42,012.48 |
| Antioch University | \$120,000 | \$33,902.01 | 28% | \$65,834.73 |
| Bowling Green State University | \$1,023,675 | \$374,372.35 | 37% | \$240,289.91 |
| Central State University | \$227,462 | \$72,675.51 | 32% | \$63,011.20 |
| University of Cincinnati | \$1,066,843 | \$196,251.64 | 18% | \$902,692.89 |
| Cincinnati State Technical & Community College | \$633,613 | \$166,015.18 | 26% | \$50,848 |
| Clark State Community College | \$221,359 | \$95,156.88 | 43% | \$63,320.23 |

| OMIC II Lead Grantees | OMIC II Award | Award Amount Spent by 6/30/15 | Percent of Award Spent | Private Match |
|--|------------------------|-------------------------------|------------------------|-----------------------|
| Cleveland State University | \$936,549 | \$214,127.23 | 23% | \$81,538 |
| Cuyahoga Community College | \$894,953.67 | \$295,819.26 | 33% | \$95,541.08 |
| University of Dayton | \$853,624 | \$494,951.82 | 58% | \$573,470.71 |
| Edison Community College | \$269,665 | \$88,178.70 | 33% | \$124,586.44 |
| University of Findlay | \$376,491 | \$219,101.36 | 60% | \$469,752.15 |
| Kent State University | \$750,307.54 | \$240,745.80 | 32% | \$287,264.37 |
| Lorain County Community College | \$614,742 | \$149,160.86 | 24% | \$161,431.49 |
| Lourdes University | \$111,389 | \$22,114.53 | 20% | \$29,584.24 |
| Marietta College (and WSCC) | \$119,964 | \$84,441.78 | 70% | \$48,774.90 |
| Miami University | \$752,603 | \$201,713.29 | 27% | \$153,353.29 |
| The Ohio State University | \$1,569,637 | \$789,774.05 | 50% | \$791,418.67 |
| Ohio University College of Engineering | \$119,022 | \$79,809.22 | 67% | \$81,611.81 |
| Rhodes State College | \$358,434 | \$90,731.61 | 25% | \$89,224.60 |
| Southern State Community College | \$352,464.42 | \$130,123.05 | 37% | \$86,963.06 |
| Stark State College | \$446,372 | \$173,047.56 | 39% | \$252,826.19 |
| Terra Community College | \$135,792.51 | \$49,570.94 | 37% | \$149,051.94 |
| Wright State University | \$814,882.22 | \$234,839.82 | 29% | \$442,481 |
| Youngstown State University | \$832,984 | \$250,263.06 | 30% | \$334,562.54 |
| TOTALS | \$14,424,954.36 | \$5,263,923.60 | | \$5,681,445.92 |
| AVERAGES | \$576,998.17 | \$210,556.94 | | \$227,257.84 |

The grantees are on pace to exceed the projected co-op and intern hires, as are the business partners. Additionally, the average cost per hire in terms of award money expended was \$2,313, which could indicate the efficiency with which each grantee expended award money.

Section I

| OMIC II Lead Grantees | Proposed Co-op/ intern Hires | Actual Co-op/ intern Hires | Hiring Percentage Achieved | Proposed Business Partners | Actual Business Partners | Business Partners Percentage Achieved |
|--|---|---------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|--|
| The University of Akron | 36 | 92 | 256% | 131 | 74 | 56% |
| Antioch University | 28 | 10 | 36% | 12 | 7 | 58% |
| Bowling Green State University | 96 | 42 | 44% | 21 | 20 | 95% |
| Central State University | 40 | 5 | 13% | 4 | 2 | 50% |
| University of Cincinnati | 255 | 851 | 334% | 1300 | 404 | 31% |
| Cincinnati State Technical & Community College | 66 | 71 | 108% | 10 | 18 | 180% |
| Clark State Community College | 37 | 14 | 38% | 8 | 5 | 63% |
| Cleveland State University | 150 | 4 | 3% | 75 | 4 | 5% |
| Cuyahoga Community College | 338 | 131 | 39% | 20 | 58 | 290% |
| University of Dayton | 34 | 58 | 171% | 13 | 24 | 185% |
| Edison Community College | 66 | 32 | 48% | 10 | 32 | 320% |
| University of Findlay | 93 | 45 | 48% | 14 | 33 | 236% |
| Kent State University | 118 | 222 | 188% | 29 | 125 | 431% |
| Lorain County Community College | 73 | 39 | 53% | 14 | 24 | 171% |
| Lourdes University | 36 | 7 | 19% | 5 | 7 | 140% |
| Marietta College (and WSCC) | 24 | 15 | 63% | 11 | 12 | 109% |
| Miami University | 118 | 34 | 29% | 33 | 21 | 64% |
| The Ohio State University | 182 | 202 | 111% | 40 | 66 | 165% |
| Ohio University College of Eng. | 15 | 10 | 67% | 8 | 5 | 63% |
| Rhodes State College | 110 | 70 | 64% | 24 | - | 0% |
| Southern State Community College | 32 | 33 | 103% | 23 | 10 | 43% |
| Stark State College | 75 | 42 | 56% | 13 | 25 | 192% |
| Terra Community College | 17 | 13 | 76% | 5 | 12 | 240% |
| Wright State University | 198 | 141 | 71% | 23 | 97 | 422% |
| Youngstown State University | 162 | 92 | 57% | 33 | 58 | 176% |
| TOTALS | 2399 | 2275 | 95% | 1879 | 1143 | 61% |
| AVERAGES | 96 | 91 | - | 75 | - | - |

Related Activity Summary

In addition to placing an increasing number of students into co-ops and internships, OMIC grantees are building sustainability with their awards. By training staff and instructors how to incorporate experiential learning into their classes and conversations with students, these programs can become long-term parts of these institutions.

Grantees are pursuing development opportunities such as curriculum building, staff training sessions, resume review and practice interview time. Institutions complement these actions with long-term changes, including imbedding certificates for experiential learning in some classes and making co-ops or internships mandatory in select majors.

There are also efforts to bring instructors and businesses together, so as to make the classroom experience as relevant as possible to students' learning experiences with participating companies.

- » **University of Findlay:** Career development workshop series focused on branding, networking, resume building, job seeking, interviewing and professionalism.
- » **University of Dayton:** Integrated capstone design experience for Sinclair Community College's architecture technology students and the University of Dayton's civil engineering students.
- » **Bowling Green State University:** The Career Center offered a series of "How to Create a Successful Internship/Co-op Program" workshops for employers to discuss developing/enhancing these types of experiences within their organization.

SECTION I (Part D): OMIC Grantee Meeting:

Given the success of OMIC regarding placements and the expenditure of funds, it was evident that a venue to share best practices should be provided. To that end, the DHE sponsored an OMIC grantee meeting on June 19, 2015 at the Delaware campus of Columbus State Community College. All OMIC grantees attended and were given time to interact with colleagues from across the state. Numerous break-out sessions were conducted featuring best practices within all aspects of the Co-op/Internship process. Another OMIC meeting is planned for spring 2016.

Breakout sessions, topics and schools presenting included:

- » **Miami University**– Connecting the Career Community – Hiring Pipelines & Mobile Apps
- » **Lorain County Community College** – Imbedding Experiential Education into Programs of Study
- » **University of Cincinnati** – Learning Objectives and Assessment Measures
- » **University of Akron** – Student Support and Tracking – Data Management
- » **University of Cincinnati** – Learning Objectives and Assessment Measures
- » **University of Toledo** – Co-op Education Outcome Assessment and Advisory Boards

Through a post-event survey, participants shared their thoughts on the day and the presentations. The comments reflect the consensus that the day was informative and useful.

“I thought overall the day was very helpful. It’s good to be able to come together like that so we can learn from each other. It’s also reassuring to learn that some of the same hurdles we may be experiencing, others are facing as well.”

“As someone who is very new on their respective staff, I really enjoyed the conference. The time was managed well and there was a lot of good content in that relatively small period of time. I really liked the sales elements and strategy in the Miami (OH) presentation. The networking was not forced and I enjoyed that as well.”

SECTION II

OMIC 2.5 Award Review and Overview of Strategy

OMIC applications were accepted and reviewed during Spring 2015. Staff of the Board of Regents and the OMIC advisory committee served as the Chancellor’s review team for the purpose of scoring the submitted proposals. The review team recommended, and the Chancellor subsequently concurred, that six applications to be funded in the total amount of \$2,000,000 during state fiscal years 2015 and 2016.

Project Activities from OMIC 2.5 Submissions

- Western Region:**
University of Dayton
- 166 projected internship/co-op placements
 - Centralized business and student “Feedback Process” provides consistency
 - Large variety of participating industries other than manufacturing
 - Strong effort to align program with key industries and in-demand occupations in the region

- Northwest Region:**
Bowling Green State University
- 56 projected internship/co-op placements
 - Spatial research for whole northwest region to identify potential employers
 - Hometown “localized” placements to reduce travel for students
 - Conduct a program for business and faculty on “how to conduct a successful internship”

- Northeast Region:**
Cuyahoga Community College
- 1,190 projected internship/co-op placements
 - Partnership with MAGNET and NOCHE
 - Focus on “digital” manufacturing
 - Training for faculty to encourage more faculty participation

Southwest Region:
University of Cincinnati

- 95 projected internship/co-op placements
- Variety of majors
- JobsOhio demand occupations
- Strong partnership with REDI economic development group

Central Region:
The Ohio State University

- 80 projected internship/co-op placements
- Partnership with the LIFT (lightweight metals) effort
- Skilled trades and administration included as occupations
- Industry participation such as Honda and Whirlpool

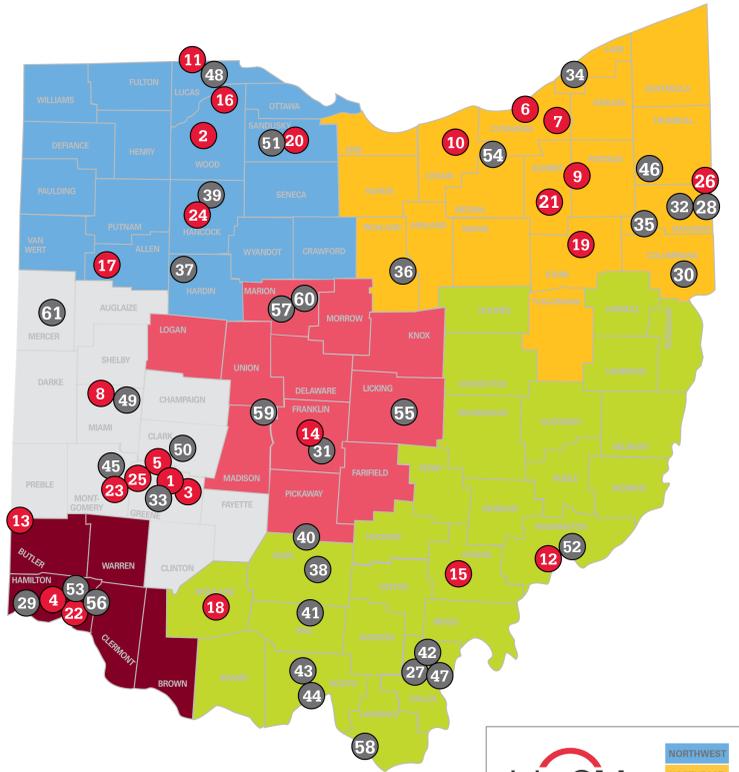
Southeast Region:
Southern State Community College

- 77 projected internship/co-op placements
- Strong emphasis on “soft skills” training for participants
- Use of “Pandora” media to market program to students
- Outreach to “College Credit Plus” partners

Note: All regions have been asked to form a Regional Advisory Council.

There are 16 lead applicants: four public universities, one private college/university, and 11 public community colleges. Additionally, there are 33 partners: six public universities, six private colleges/universities, 13 public community colleges and eight Ohio Technical Centers (OTC).

Ohio Means Internships and Co-ops Grantees - Award Recommendations 2015



Ohio Department of Higher Education

JobsOhio Regions

- NORTHWEST
- NORTHEAST
- WEST
- CENTRAL
- SOUTHEAST
- SOUTHWEST

Lead Grantees (and their Partner Institutions)

- Antioch College**
13. Miami University
 - Bowling Green State University**
 - Central State University**
33. Greene County OTC
45. Sinclair Community College
 - Cincinnati State Technical & Community College**
 - Clark State Community College**
50. Urbana University
 - Cleveland State University**
7. Cuyahoga Community College
 - Cuyahoga Community College**
34. Lakeland Community College
 - Edison Community College**
49. Upper Valley OTC
 - Kent State University**
37. Ohio Northern University
 - Lorain County Community College**
 - Lourdes University**
48. University of Toledo
 - Marietta College**
52. Washington State Community College
 - Miami University**
 - Ohio State University**
31. Columbus State Community College
36. North Central State College
 - Ohio University**
 - Owens Community College**
 - Rhodes State College**
 - Southern State Community College**
27. Buckeye Hills OTC
38. Ohio University - Chillicothe
40. Pickaway-Ross OTC
41. Pike County OTC
43. Scioto County OTC
 - Stark State College**
 - Terra State Community College**
51. Vanguard-Sentinel OTC
 - University of Akron**
 - University of Cincinnati**
4. Cincinnati State Community & Technical College
29. College of Mount St. Joseph
42. Rio Grande Community College
44. Shawnee State University
47. University of Rio Grande
53. Xavier University
 - University of Dayton**
45. Sinclair Community College
 - University of Findlay**
39. Owens Community College (Findlay Campus)
 - Wright State University**
 - Youngstown State University**
28. Choffin OTC
30. Columbiana County OTC
32. Eastern Gateway Community College
35. Mahoning County OTC
46. Trumbull OTC
- New Partner Institutions (2015):**
54. Baldwin Wallace University
55. C-TEC Career & Technology Centers of Licking County
56. Great Oaks Institute of Technology & Career Dev
57. Marion Technical College
58. Ohio University - Southern
59. Tolles OTC
60. Tri-Rivers OTC
61. Wright State University - Lake
- Legend:**
● Lead Institution
● Partner Institution
 Note: Some Lead Institutions are also Partner Institutions

| Lead Applicant College or University | Regional Partners | Amount Awarded |
|---|---|---------------------------|
| University of Cincinnati (Southwest Ohio) | Cincinnati State CTC Mount St. Joseph University Shawnee State University Great Oaks CTC Miami University REDI Cincinnati (Subsidiary of Cincinnati USA C of C) | \$333,333.00 |
| The Ohio State University (Central Ohio) | Columbus State Community College Marion Technical College Licking County CTC Tolles CTC Tri-Rivers CTC (RAMTECH) Columbus 2020 Edison Welding Institute Central Ohio LIFT (Lightweight Innovations for Tomorrow) | \$333,333.00 |
| Bowling Green State University (Northwest Ohio) | Rhodes State College Terra State Community College University of Toledo Northwest Ohio Regional Economic Development (REDI) Owens Community College | \$333,333.00 |
| Cuyahoga Community College (Northeast Ohio) | Lakeland Community College Lorain County Community College Kent State University Youngstown State Northeast Ohio Council on Higher Education (NOCHE) Baldwin Wallace University Cleveland State University | \$333,333.00 |
| Southern State Community College (Southeast Ohio) | Ohio University Chillicothe Buckeye Hills CTC Ohio University Southern Shawnee State University Pike County CTC Scioto County CTC Pickaway Ross County CTC | \$333,333.00 |

[Evaluation & Application Scoring Criteria – Sustainability & Relevancy](#)

Ten criteria related to Sustainability & Relevancy were used to score each application, along with eligibility and match evaluation. The 10-question rubric asked applicants to provide financial and other plans to sustain the programs after the use of the grant money, and how they will make those programs highly relevant to the workforce needs of students and businesses in Ohio.

SECTION III

OMIC III Program–2016

ODHE will develop an OMIC strategy that continues to complement regional workforce development investments and the ability of students to pursue career pathways. ODHE’s goal is to deploy funds to increase opportunities for students across the system to gain work experience in a variety of industries. Future objectives may include increasing the range of majors and students participating and the types of businesses hiring students. ODHE will look for new ways Ohio Technical Center and College Credit Plus students can participate that will further the use of career pathways and success for students.

SECTION IV

REGIONAL PROFILES

Western Ohio (WEO) OMIC Grantees:

| Lead | Partner(s) |
|-------------------------------|--|
| Antioch University | Miami University, Institute for the Environment & Sustainability |
| Central State University | |
| Clark State Community College | |
| University of Dayton | Sinclair Community College |
| Wright State University | |



- Region continues to develop stronger collaboration among universities, community colleges and OTCs to meet the needs of businesses
- Region maintains a strong focus on manufacturing
- 260 students hired as co-ops or interns
- Average hours per term: 426
- Average hourly wage: \$14
- Top three occupational fields (SOCs): engineering, business and financial operations, farming, fishing, & forestry
- 167 business partners

Top three majors (CIPs):

1. Mechanical, industrial, and manufacturing engineering
2. Computer science
3. Electrical engineering

Top three JobsOhio industries:

1. Advanced manufacturing
2. Business functions
3. Information services and software

Top three NAICS:

1. Advanced manufacturing
2. Professional, scientific, and technical services
3. Information services

Northwestern Ohio (NWO) OMIC Grantees:

| Lead | Partner(s) |
|--------------------------------|---|
| Bowling Green State University | |
| Rhodes State College | Clark State Community College; Marion Technical College |
| Owens Community College | University of Findlay |
| Terra State Community College | |
| University of Findlay | |



- Institutions in this region are working to make internships and co-ops part of graduation requirements
- Several successful job fairs were conducted in this region
- Average hours per term: 524
- Average hourly wage: \$12
- Top three occupational fields (SOCs): engineering, IT, business
- 72 business partners

Top three majors (CIPs):

1. Computer science
2. Marketing
3. Management / other general engineering (*tie*)

Top three JobsOhio industries:

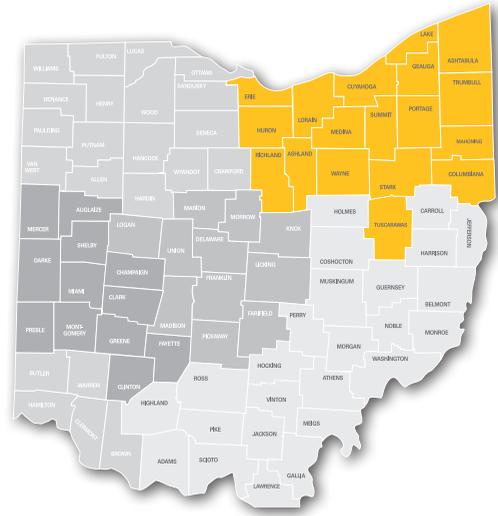
1. Advanced manufacturing
2. Business functions
3. Agribusiness & food processing

Top three NAICS:

1. Manufacturing
2. Finance
3. Professional, scientific, and technical services

Northeastern Ohio (NEO) OMIC Grantees:

| Lead | Partner(s) |
|---------------------------------|-----------------------------------|
| Cleveland State University | Cuyahoga Community College |
| Cuyahoga Community College | Lakeland Community College |
| Kent State University | |
| Lorain County Community College | Stark State College |
| Stark State College | |
| University of Akron | |
| Youngstown State University | Eastern Gateway Community College |



- Most student hires and business partners
- Targeting advanced and additive manufacturing job opportunities
- 622 students hired as co-ops or interns
- Average hours per student per term: 350
- Average hourly wage: \$13
- Top three occupational fields (SOCs): engineering, computer / mathematical, business / finance
- 368 business partners

Top three majors (CIPs):

1. Mechanical, industrial, and manufacturing engineering
2. Computer science
3. Chemical engineering / marketing (*tie*)

Top three JobsOhio industries:

1. Advanced manufacturing
2. Business functions
3. Information technology

Top three NAICS:

1. Manufacturing
2. Professional, scientific and technical services
3. Finance and insurance

Central Ohio (CEO) OMIC Grantees:

| Lead | Partner(s) |
|---------------------------|---|
| The Ohio State University | Columbus State Community College; North Central State College |



- Institution is expanding the number and variety of business partnerships
- 202 students hired as co-ops or interns
- Average hours per term: 387
- Average hourly wage: \$14
- Top three occupational fields (SOCs): engineering, business/finance, computer / math
- 66 business partners

Top three majors (CIPs):

1. Mechanical, industrial and manufacturing engineering
2. Electrical engineering
3. Chemical engineering

Top three JobsOhio industries:

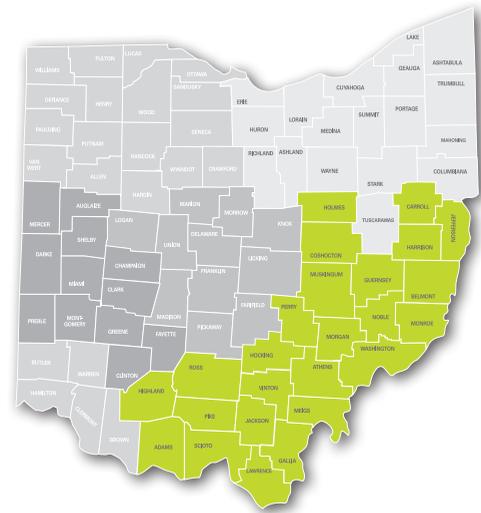
1. Advanced manufacturing
2. Automotive
3. Energy / financial services (*tie*)

Top three NAICS:

1. Manufacturing
2. Professional, scientific and technical services
3. Wholesale trade

Southeastern Ohio (SEO) OMIC Grantees:

| Lead | Partner(s) |
|---|--|
| Southern State Community College | Buckeye Hills Career Center; Ohio University, Chillicothe; Pickaway-Ross Career & Technology Center; Pike County Career Technology Center; Scioto County Career Technical Center |
| Marietta College | |
| Ohio University College of Engineering & Technology | |



- Continued to expanding participating institutions in the program
- 58 students hired as co-ops or interns
- Average hours per term: 322
- Average hourly wage: \$11
- Top three occupational fields (SOCs): production, engineering, construction / extraction
- 27 business partners

Top three majors (CIPs):

1. Aviation
2. Engineering
3. Accounting

Top three JobsOhio industries:

1. Aerospace / aviation
2. Advanced manufacturing
3. Financial services

Top three NAICS:

1. Manufacturing
2. Finance and insurance
3. Professional, scientific, and technical services

Southwestern Ohio (SWO) OMIC Grantees:

| Lead | Partner(s) |
|--|---|
| Cincinnati State Technical & Community College | ButlerTech; Middletown City School District; Warren County Career Center |
| Miami University | |
| University of Cincinnati | Cincinnati State Technical & Community College; College of Mount St. Joseph; Shawnee State University |



- Region has long history of well-developed co-op programs
- Area has big consumer product workforce needs – includes creative professionals
- 956 students hired as co-ops or interns
- Average hours per term: 562
- Average hourly wage: \$13
- Top four occupational fields (SOCs): engineering, business / finance, computer / math, arts / design, entertainment
- 443 business partners

Top three majors (CIPs):

1. Mechanical engineering
2. Chemical engineering
3. Design

Top three JobsOhio industries:

1. Advanced manufacturing
2. Business functions
3. Financial services

Top three NAICS:

1. Manufacturing
2. Professional, scientific and technical services
3. Finance and insurance

