

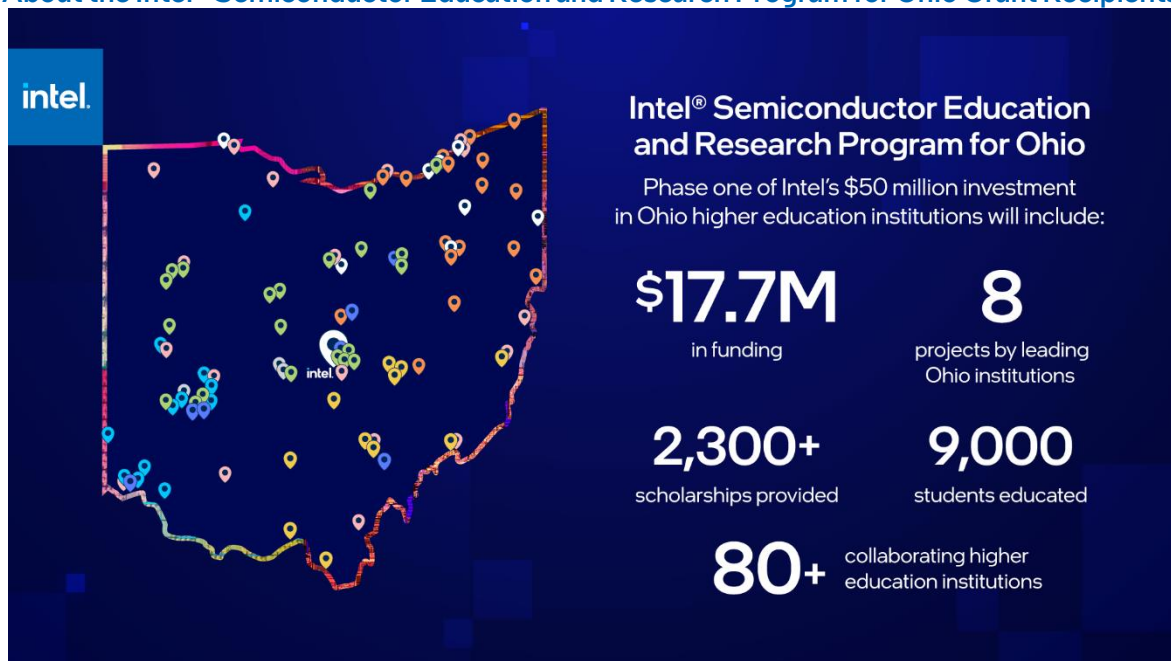


# Fact Sheet: Intel Semiconductor Education and Research Program for Ohio

Sept. 9, 2022 — Intel's Ohio Semiconductor Education and Research Program will fund collaborative proposals led by the University of Cincinnati, Central State University, Columbus State Community College, Kent State University, Lorain County Community College, Ohio University and two from The Ohio State University.

Altogether, these eight proposals involve more than 80 institutions of higher education across Ohio. The eight leading institutions will receive \$17.7 million in funding over three years as part of Intel's \$50 million commitment to Ohio higher education institutions over the next decade.

## About the Intel® Semiconductor Education and Research Program for Ohio Grant Recipients



### University of Cincinnati

#### Ohio-southwest Alliance on Semiconductors and Integrated Scalable-Manufacturing (OASiS)

With programs ranging from rapid technician certification to advanced device fabrication design, these 15 Southwest Ohio institutions are focused on developing technicians and entry-level engineers to create a "fab-ready" semiconductor workforce.

#### Collaborators:

- University of Cincinnati
- Cedarville University
- Central State University
- Cincinnati State Community College
- Clark State Community College
- Edison State Community College
- Miami University



- Mount Vernon Nazarene University
- Sinclair Community College
- University of Cincinnati - Blue Ash
- University of Cincinnati - Clermont
- University of Dayton
- Wittenberg University
- Wright State University (WSU)
- Xavier University

### Central State University

#### Intel Semiconductor Education Program at Central State University (ISEP-CSU)

Led by the only public HBCU in Ohio, this five-school collaboration will prioritize adding semiconductor courses to existing manufacturing and computer science programs to prepare a diverse group of technicians and entry-level engineers for Intel careers.

Collaborators:

- Central State University
- Columbus State Community College (CSCC)
- Stark State College
- The Ohio State University
- Wright State University (WSU)

### Columbus State Community College

#### Ohio Semiconductor Collaboration Network

This group of 23 community and technical colleges are dedicated to building and sustaining a strong technician pipeline in the state by adding semiconductor-specific courses and equipment to existing advanced manufacturing programs.

Collaborators:

- Columbus State Community College (CSCC)
- Belmont College
- Central Ohio Technical College
- Cincinnati State Technical & Community College
- Clark State Community College
- Cuyahoga Community College
- Eastern Gateway Community College
- Edison State Community College
- Hocking College
- Lakeland Community College
- Lorain County Community College
- Marion Technical College
- North Central State College
- Northwest State Community College
- Owens Community College
- Rhodes State College
- Rio Grande Community College
- Sinclair Community College
- Southern State Community College
- Stark State College
- Terra State Community College
- Washington State Community College
- Zane State College



### Kent State University

#### Pathways to a Semiconductor Career

These Northeast Ohio institutions will expand facilities equipment and use VR/AR learning experiences in a range of programs for fab technicians, entry-level engineers and advanced degrees in manufacturing.

#### Collaborators:

- Kent Campus
- Baldwin Wallace University
- Cuyahoga Community College
- Hiram College
- John Carroll University
- Kent State Ashtabula
- Kent State East Liverpool
- Kent State Geauga
- Kent State Salem
- Kent State Stark
- Kent State Trumbull
- Kent State Tuscarawas
- Lake Erie College
- Lakeland Community College
- Lorain County Community College
- Malone University
- Mount Vernon Nazarene University
- Muskingum University
- Notre Dame College
- Walsh University
- Wilberforce University

### Lorain County Community College

#### Ohio TechNet Northeast Ohio Semiconductor Workforce Consortium (OTN-NEO)

In Ohio's Northeast region, these 11 institutions will provide training programs in automation, robotics, microelectronics, semiconductor processing and more to help students develop technology skills that support semiconductor fabrication and equipment operations.

#### Collaborators:

- Lorain County Community College
- Ashland University
- Case Western Reserve University
- Cleveland State University
- Cuyahoga Community College
- Kent State University
- Lakeland Community College
- Ohio Dominican University
- Stark State College
- University of Toledo
- Youngstown State University



### Ohio University

#### Appalachian Semiconductor Education & Technical Ecosystem (ASCENT)

The 14-school coalition of Appalachian-region institutions will strive to recruit students from underrepresented groups and offer training programs for fab technicians, entry-level engineers, and advanced-degree graduates to fulfill the workforce demands of Intel and broader community.

##### Collaborators:

- Ohio University
- Belmont College
- Eastland-Fairfield Career Center
- Hocking College
- Marietta College
- Mid-East Career and Technology Center
- Ohio University-Chillicothe
- Ohio University-Eastern
- Ohio University-Lancaster
- Ohio University-Southern
- Ohio University-Zanesville
- Shawnee State University
- Tri-County Career Center
- Zane State College

### The Ohio State University

#### Center for Advanced Semiconductor Fabrication Research and Education – (CAFE)

This collaboration of 10 universities will focus on research for graduate and undergraduate students by providing an experiential learning environment to advance the state of semiconductor fabrication for next-generation device technologies.

##### Collaborators:

- The Ohio State University
- Central State University
- College of Wooster
- Denison University
- Kenyon College
- Oberlin College
- Ohio University
- Ohio Wesleyan University
- University of Cincinnati
- Wilberforce University

### The Ohio State University

#### The Ohio Partnership for a Diverse and Inclusive Semiconductor Ecosystem and Workforce

The multi-institution partnership will offer a range of programs, including AR/VR learning, for fab technicians, entry-level engineers, and advanced-degree graduates with training in advanced manufacturing to develop a skilled semiconductor workforce throughout Ohio.

##### Collaborators:

- The Ohio State University
- Apollo Career and Technology Centers
- Case Western Reserve University
- Central Ohio Technical College



- Central State University
- College of Wooster
- Columbus State Community College (CSCC)
- C-TEC of Licking County
- Denison University
- Kenyon College
- Marion Technical College
- North Central State College
- Oberlin College
- Ohio State ATI in Wooster
- Ohio State Lima
- Ohio State Mansfield
- Ohio State Marion
- Ohio State Newark
- Ohio Wesleyan University
- Rhodes State College
- Tri-Rivers Pioneer
- University of Dayton
- Wilberforce University

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#### About Intel

Intel (Nasdaq: INTC) is an industry leader, creating world-changing technology that enables global progress and enriches lives. Inspired by Moore's Law, we continuously work to advance the design and manufacturing of semiconductors to help address our customers' greatest challenges. By embedding intelligence in the cloud, network, edge and every kind of computing device, we unleash the potential of data to transform business and society for the better. To learn more about Intel's innovations, go to [newsroom.intel.com](https://newsroom.intel.com) and [intel.com](https://intel.com).

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