

Intel - Wright State University

Overview

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intel
advantage

Software



Silicon
& Platforms



Packaging
& Process

At-Scale Manufacturing

The leading provider of silicon globally

Intel Ohio by the Numbers

ECONOMIC IMPACT

\$20_B

Planned investment to construct two new leading-edge chip factories in Ohio. At full buildout, the total investment in the site could grow to as much as \$100 billion over the next decade.

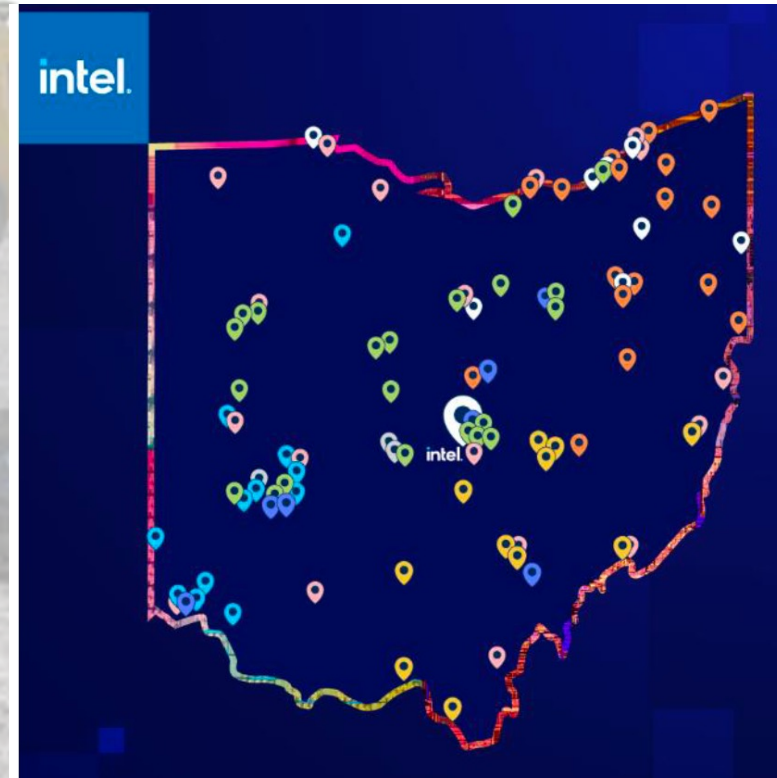
OHIO EMPLOYEES

3,000

Planned Intel jobs, as well as 7,000 construction jobs and supporting tens of thousands of long-term local jobs in Ohio.

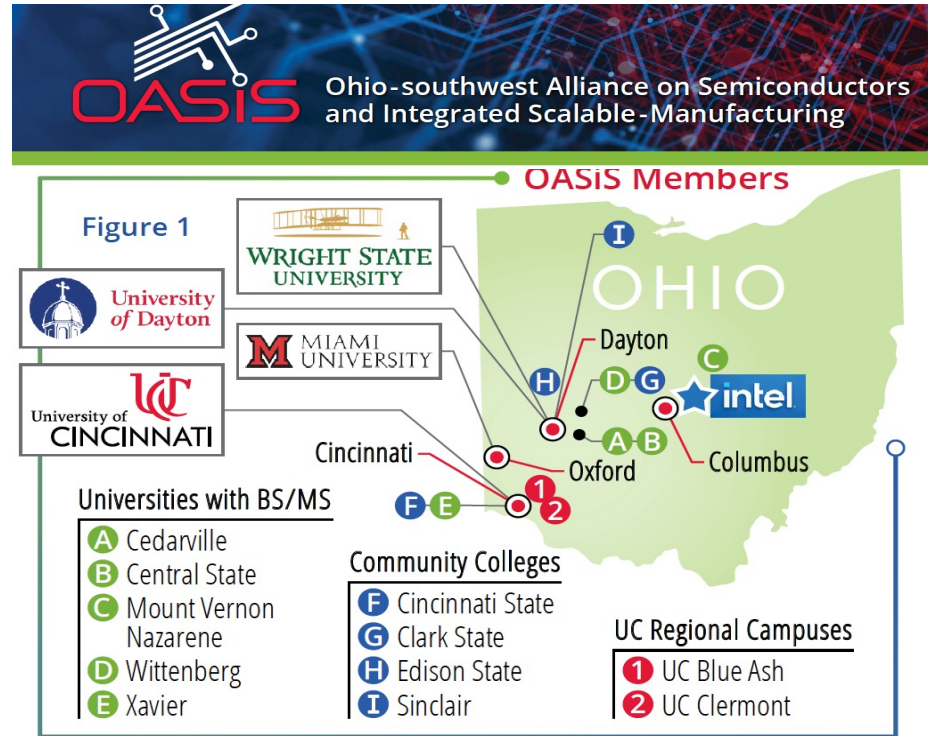
Intel ® Semiconductor Education & Research Program for Ohio Grant Recipients

- \$17.7 M in funding
- 8 projects funded
 - **WSU is Co-PI on 2 of the projects**
- Semiconductor focused curriculum development
- 9,000 students educated



Intel-funded Project - 1

- UC-led proposal
- From WSU – 9 PIs; 7 Departments; CECS, COSM, Lake Campus
- KT1 – Curriculum development
- KT 2 – Faculty training
- KT5 – Experiential learning
- 210K, 3 years, funded for 1 year and renewal contingent upon performance



Intel-funded Project - 2

- CSU-led proposal
- From WSU – 8 PIs; 5 Departments, CECS, COSM, RSCOB
- Focus is on developing microfabrication lab at CSU
- WSU role is to train and consult and help build the capability at CSU
- 40K, 3 years, funded for 1 year and renewal contingent upon performance

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

Organizations:

Central State University (CSU), Columbus State Community College (CSCC), Ohio State University (OSU), Stark State College (SSC), Wright State University (WSU)

Targeted Key Topics:

- KT1: Curriculum Development,
- KT3: Laboratory Equipment Upgrades,
- KT5: Student Experiential Opportunities.

Midwest Regional Network– OSU led

- Consortium-like model to address national needs in semiconductor and microelectronics research, education, and workforce development
 - Midwest University Workshop: Semiconductor Research and Workforce
 - 11 participating Universities/Colleges – WSU, OSU, UC, UD, CSCC, Lorrain, Sinclair, Notre Dame, Michigan State University, Purdue, University of Michigan

Questions