



Project Lead:

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Funding Sources:

- National Science Foundation
- Ohio Board of Regents

Partner:

Ohio Learning Network

Collaborating Institutions:

- Capital University
- Central State University
- Columbus State Community College
- Kent State University
- Sinclair Community College
- The Ohio State University
- University of Cincinnati
- Wittenberg University
- Wright State University

For more information:

www.rrscs.org



The Ralph Regula School: Providing the workforce with computer simulation and modeling skills

The Ralph Regula School of Computational Science (RRSCS) is a statewide virtual school focused on computational science - the use of computer modeling and simulation to solve complex business, technical, and academic research problems.

Businesses recognize computational science as an essential tool for innovation and use it to develop new products. Researchers do the same to expand the frontiers of knowledge. In collaboration with the Ohio Supercomputer Center, the Ohio Board of Regents, the Ohio Learning Network, and Ohio's colleges and universities, the Ralph Regula School ensures that Ohio has the skilled people needed to support the use of this new approach to innovation.

The Ralph Regula School relies on participating colleges and universities to confer degrees and certificates and offer their expertise to the multi-institutional, interdisciplinary undergraduate minor launched in 2007, cultivate and maintain curricula standards for computational science degree programs and certificates, and to use technology resources to teach courses and programs in the most convenient and effective way for students.

The competencies created by participating faculty for Ralph Regula School programs have been reviewed and approved by a business advisory committee, meaning that when these students enter the workforce, they will have the specific skills sought by employers.

Other RRSCS projects under way include:

- Industry-focused certificate and college co-op programs
- A high school elective within the Ohio Project Lead The Way curriculum
- Online tools for teachers in the classroom and researchers
- Model associate degree program in computational science