

COMPUTATIONAL THINKING: A VISION FOR THE 21ST CENTURY\*

A Lecture by  
**Dr. Jeannette Wing**  
3 p.m.



Credit: Richard Kelly Photography

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EMU Student Center, Ballroom B

Computational thinking is a fundamental skill used by everyone in the world. The two A's of computational thinking, abstraction and automation, help us to solve problems, create designs, and understand human behavior. Based on the ability to think at multiple levels of abstraction at once, computational thinking has influenced many disciplines and should play a key role in education that will inspire future generations.

Dr. Jeannette Wing is Assistant Director of the National Science Foundation's Computer Information Science and Engineering Directorate and President's Professor of Computer Science at Carnegie Mellon.

Reception immediately following the lecture. \*Lecture qualifies for Gen. Ed. LBC Credit (Learning Beyond the Classroom)

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