

AN NC CHAMBER EVENT

## Education & Workforce Conference

AUGUST 8, 2024  
RALEIGH, NC

**Dr. Steve Ritter**  
**Founder & Chief Scientist**  
**Carnegie Learning**

Steve Ritter is the Founder and Chief Scientist of Carnegie Learning, a global leader in artificial intelligence for K-12 education. Dr. Ritter is a pioneer in the education technology industry, developing the first AI-powered math curriculum over 25 years ago.



Dr. Ritter earned a doctorate in cognitive psychology at Carnegie Mellon University and was instrumental in the development and evaluation of the Cognitive Tutors for mathematics. He led the transfer of the Cognitive Tutor technology to Carnegie Learning, where it forms the basis of the company's award-winning MATHia intelligent tutoring system, the only curriculum to achieve a perfect score by independent non-profit EdReports.

The author of numerous papers on the design, architecture and evaluation of adaptive instructional systems, Dr. Ritter is recognized as an expert on the design and evaluation of educational technology and on educational analytics. He is lead author of an evaluation that is one of the few to be judged by the US Department of Education's What Works Clearinghouse as meeting their standards without reservations. The winner of prestigious awards, including the Best Paper award at the International Conference on Educational Data Mining, he continues to speak across the globe at conferences on the future of AI in education technology.

At Carnegie Learning, Dr. Ritter leads a research team devoted to using learning engineering to improve the efficacy of the company's products. Current funding on research projects under his leadership exceeds \$90 million from the federal government and major foundations such as Gates, Walton, Schmidt Futures. In partnership with top universities, his team is focused on such issues as algorithmic bias in educational AI, supports for teaching math to struggling readers and the UpGrade tool for supporting rigorous field tests of educational software.