

Douglas H. Clements, Ph.D.
Chair, Executive Director, and Professor
University of Denver



Douglas H. Clements is the Kennedy Endowed Chair in Early Childhood Learning and Distinguished University Professor at the University of Denver. Previously a kindergarten teacher for five years and a preschool teacher for one year, he has conducted research and published widely in the areas of learning and teaching early mathematics and computer applications in mathematics education. His most recent interests are in creating, using, and evaluating a research-based curriculum and in taking successful curricula to scale using technologies and learning trajectories. Clements has published over 160 refereed research studies (including 22 research pieces in 2019), 27 books, 100 chapters, and 300 additional works. His latest books detail research-based learning trajectories in early mathematics education: *Early childhood mathematics education research: Learning trajectories for young children* and a companion book, *Learning and teaching early math: The learning trajectories approach* (Routledge).

Clements has directed more than 37 funded projects, including those funded by the National Science Foundation (NSF), the U.S. Dept. of Education's Institute of Education Sciences (IES), Office of Special Education Programs (OSEP), and the National Institutes of Health (NIH). Currently, Clements is the principal investigator on three large-scale, randomized cluster trial projects in early mathematics.

Clements was a member of President Bush's National Math Advisory Panel, convened to advise the administration on the best use of scientifically based research to advance the teaching and learning of mathematics and coauthor of the Panel's report. He was also a member of the National Research Council's Committee on Early Mathematics and co-author of their report. Clements is presently serving on the *Common Core State Standards* committee of the National Governor's Association and the Council of Chief State School Officers, helping to write national academic standards and the learning trajectories that underlie them. He is also one of the authors of National Council of Teachers of Mathematics' *Principles and Standards in School Mathematics* and *Curriculum Focal Points*.