Jeremy Roschelle

Executive Director of Learning Sciences Research

Digital Promise

Dr. Roschelle applies learning science theories and methods to understand how, when and why technology can enable improved and more equitable teaching and learning. He is nationally and internationally recognized for research in computer-supported collaborative learning; learning with connected, mobile devices; and technology in mathematics learning. He has conducted rigorous efficacy research on personalized, adaptive learning, on online homework tools, and on dynamic visualizations for mathematics learning. He is presently focused on the opportunities and risks of applying Artificial Intelligence and other emerging technologies to educational challenges, and works with others towards approaches that are ethical, equitable, and effective. His 30 years of research experience have led to over 125 publications and 9 patents, resulting in 20,000 citations to his contributions. Roschelle is a Fellow of the International Society of the Learning Sciences and an Associate Editor of the Journal of the Learning Sciences.

Dr. Roschelle earned degrees in Computer Science from MIT (B.S., 1985) and Learning Sciences from the University of California (Ph.D., 1991). After serving as Executive Director for the Center for Technology in Learning at SRI International for 19 years, he joined Digital Promise in 2017 to serve as Executive Director for Learning Science Research. Digital Promise, a nonprofit organization, hosts the nation-spanning League of Innovative Schools and Verizon Innovative Learning Schools. At Digital Promise, Dr. Roschelle leads a thriving research team that works the intersections of innovators, educators, and researchers and that strives for large scale impact on STEM learning through system improvements that leverage advanced technologies.