



Arthur Powell

Background

Arthur Powell is Associate Professor of Mathematics Education in the Department of Urban Education at the Newark campus of Rutgers University, New Jersey, and Faculty Research Scientist and Associate Director of the Robert B. Davis Institute for Learning of the Graduate School of Education in New Brunswick. He received his B.A. in mathematics and statistics from Hampshire College, Amherst, MA; M.A. in mathematics from the University of Michigan, Ann Arbor, MI; and Ph.D. in mathematics education from Rutgers, the State University of New Jersey, New Brunswick. Dr. Powell's research interests focus in the following areas where he has published: writing and mathematics learning; ethnomathematics; development of mathematical ideas, reasoning, and heuristics; teacher professional development in the mathematics for teaching; subordination of teaching to learning in mathematics; and collaborative problem solving in mathematics with technology.

Dr. Powell worked for Caleb Gattegno in the 1970s and 1980s, and has continued to teach about and study *the subordination of teaching to learning* since then.

At BBL

At BBL, Dr. Powell has worked to further Caleb Gattegno's ideas on *the subordination of teaching to learning*. In collaboration with a small group of other educators, he co-founded the school in 2003. He also wrote the initial mathematics curriculum for the school when it applied for its first charter from the State University of New York. Currently, he conducts professional development workshops in mathematics for teachers, often working with small groups of students in tandem with their teacher.