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Paul S Prueitt* (psp@ontologystream.com), Dr Paul S Prueitt, Chair, Mathematics
Department, Talladega College, 627 Battle Street West, Talladega, AL 35160. *A Model for Shifts
in Viewpoint, as Applied to Mathematics Education.*

Specific efforts are called for in the development of a new freshman studies pedagogy where individual students are assumed to be able to understand foundational concepts central to mathematics and scientific investigations. It is also assumed that the normal mechanisms supporting positive reinforcement have been blocked. A shift in the viewpoint, and efficacy, of students may be required. In particular, participatory learning is to be grounded in the psychology of perception action cycles. The heritage of R. L. Moore, his students and the generation of educators using versions of modified Moore methods, is helpful in demonstrating participatory and Socratic like teaching style. A more rigorous theoretical and empirical foundation is suggested in P. S. Prueitt's work. These foundations start with A Bandura's concept of self efficacy. The concept of "system efficacy" is developed with the aid of H. R. Maturana's concept of autopoiesis and general systems theory. Finally. Prueitt's theory of acquired learning deficient (ALD) is presented based on neuro and immune science. (Received September 16, 2007)