

Meeting: 1003, Atlanta, Georgia, MAA CP V1, MAA Session on Research on the Teaching and Learning of Undergraduate Mathematics

1003-V1-283 **Katherine Safford-Ramus*** (ksafford@spc.edu), Mathematics Department, Saint Peter's College, Jersey City, NJ 07306. *Which Comes First, Development or Learning? A New Twist on the Chicken versus Egg Question.*

Jean Piaget and Lev Vygotsky are two theorists who examined the inter-dependency of learning and development. Several doctoral dissertations have explored their relevance to learning and teaching at the post-secondary level. This paper will summarize these findings and will suggest applications to mathematics instruction in the undergraduate classroom. (Received September 07, 2004)