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**Tim McDevitt\*** (McDevittT@etown.edu), Department of Mathematical Sciences, One Alpha Drive, Elizabethtown College, Elizabethtown, PA 17022. *Toward Making Elliptic Curves Accessible to Undergraduates*. Preliminary report.

Elliptic curves over finite fields are the basis of very efficient and increasingly popular public key cryptosystems, yet the math required to study elliptic curves is quite advanced. This talk uses Mathematica-generated graphics to make the basic ideas of elliptic curve cryptography accessible to undergraduates who have completed multivariable calculus. (Received September 26, 2006)