

1046-Q1-2034 **Colm Mulcahy*** (colm@spelman.edu) and **Tim Chartier** (tichartier@davidson.edu). *Six
Fibs and Videotape.*

Mathematicians do not generally lie or encourage their students to do so, at least not in the cause of education. Mathematicians, however, are another story. Who could doubt the veracy of such claims as, “This deck has been fairly shuffled,” “Your card was picked completely at random,” or “I can read your mind, and now I will prove it.” In this presentation we’ll explore some fun and surprising applications of a well-known sequence from the realm of discrete mathematics, with the help of a willing and curious mime. (Received September 16, 2008)