Jeff Suzuki\* (jeff\_suzuki@yahoo.com), 2900 Bedford Ave., Brooklyn, NY 11210. Mathematics and the Law: Beyond People v. Collins.

The 1968 case of People v. Collins was a landmark case in the (ab)use of mathematics in the courtroom. But this case is more an example of a flawed application of probability and statistics. We will present several other cases which highlight the successful use of probability and statistics in a courtroom setting, with an eye towards how these cases might be incorporated into a traditional statistics course. (Received August 30, 2010)