

**MATH 186: CHAPTERS 5-6**  
**SAMPLING BIAS PUZZLES**

1. *The most dangerous profession.* In a study in 1985 of the ages and professions of deceased men, it was found that the profession with the lowest average age of death was “student.” Why does being a student appear to be so dangerous?
2. *Barroom brawls.* A survey of fights in bars in which someone was killed found that, in 90% of the cases, the person who started the fight was the one who died.