

### **Scenarios to evaluate**

(if there is not enough information to answer some questions on the Research Design Planning sheet, you may simply say so)

1. **The superintendent of Volusia County wants to know how severely middle school students perceive drug use to be in the schools. Although he knows the incidence of drug arrests in the schools, he is more interested in the perception of students.**
2. **An Educational Research at the University of Miami wants to study Cuban-American beliefs about the role that family should play in education. She believes that Cuban American parents place a great emphasis on education by taking many steps to ensure their children are achieving in American schools.**
3. **The Director of Academic Counseling at Seminole Community College wants to know which of two reading comprehension programs are most effective in remediating students identified as having reading comprehension problems. From a list of students so identified, the Director randomly sends half of the students on the list to one reading comprehension program; the other half, to the other program. Students are required to complete the remedial program to which they are assigned.**
4. **A Mental Health counselor specializes in helping people who are afraid of being in crowds (suffering from agoraphobia). In a study published recently, she read that clients who own pets respond much better to therapy. Consequently, she would like to know if the same is true for her clients. She wants to know whether her clients who own pets are more responsive to her therapeutic approach than other clients.**
5. **The Exercise Physiologist of Orange County wants to know whether high school football players who reportedly smoke are more likely to have lower grades than players who reportedly do not smoke.**
6. **A Doctoral student at the University of Central Florida is interested in the professional culture of teachers in Orange County. Specifically, he thinks that teachers in Orange County are well networked and mutually supportive, and that new teachers are mentored in a nurturing professional environment.**
7. **As the superintendent of Volusia County reviewed the student responses regarding their perception of the level of drug use, the results raised new questions. She wanted to know if there is an association between student reported perception of the level of drug use in a given school and the funding the school receives.**
8. **The superintendent of Volusia County also wants to know whether an Anti-drug school program is effective in reducing the number of students who are caught with drugs in the schools. He institutes the program at four middle schools, and does not do so at another four schools. He is careful to ensure that the overall past incidences of drug use are roughly equal between the two sets of four schools.**