

ARE THERE LEAKS IN YOUR PRODUCT PIPELINE?

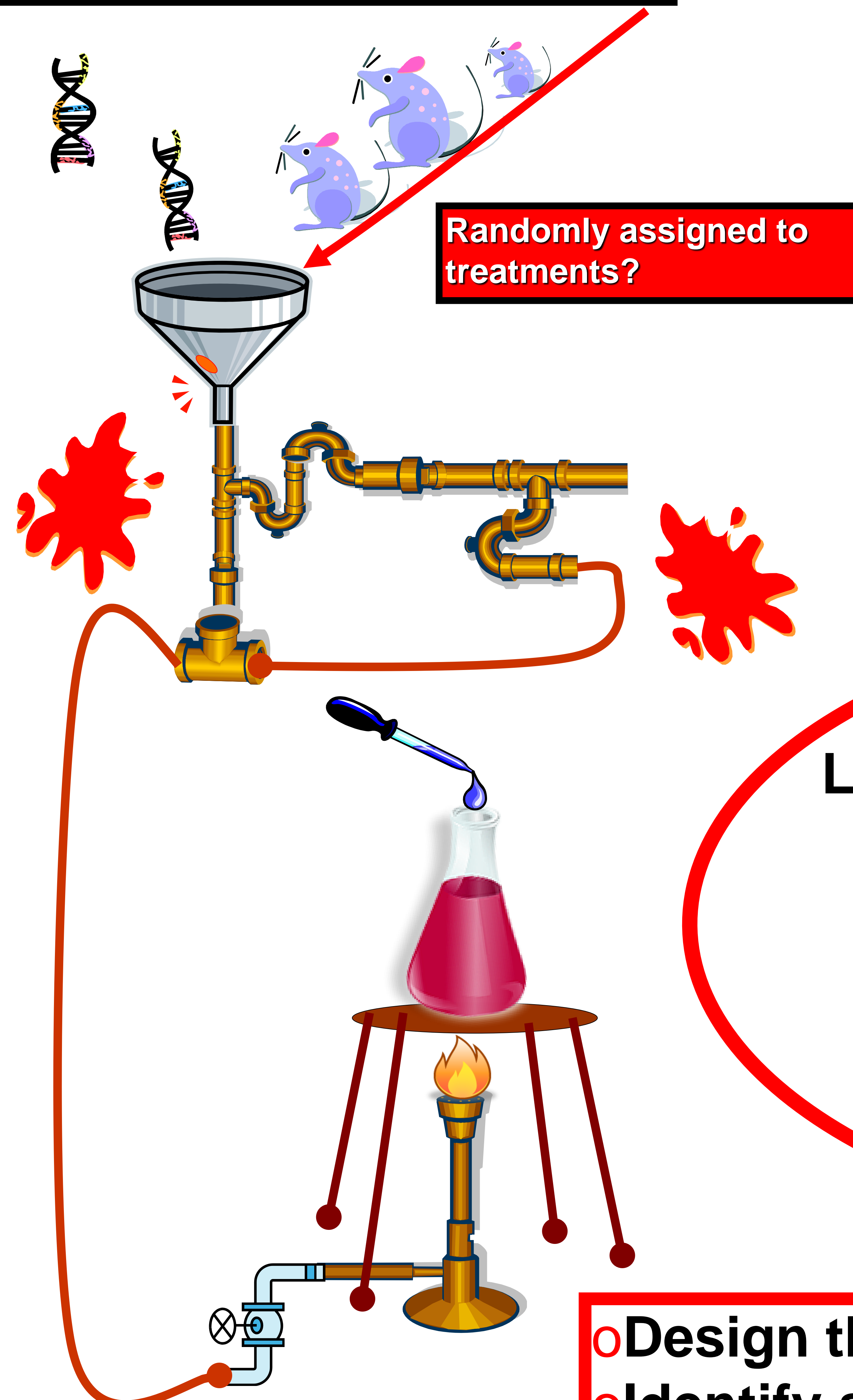
Jeanne L. Sebaugh, Sebaugh's Information Services, Columbia MO, sis.stat@centurytel.net

Leonard B. Hearne, Bond Life Sciences Center & Department of Statistics, University of Missouri, Columbia, MO hearnel@missouri.edu

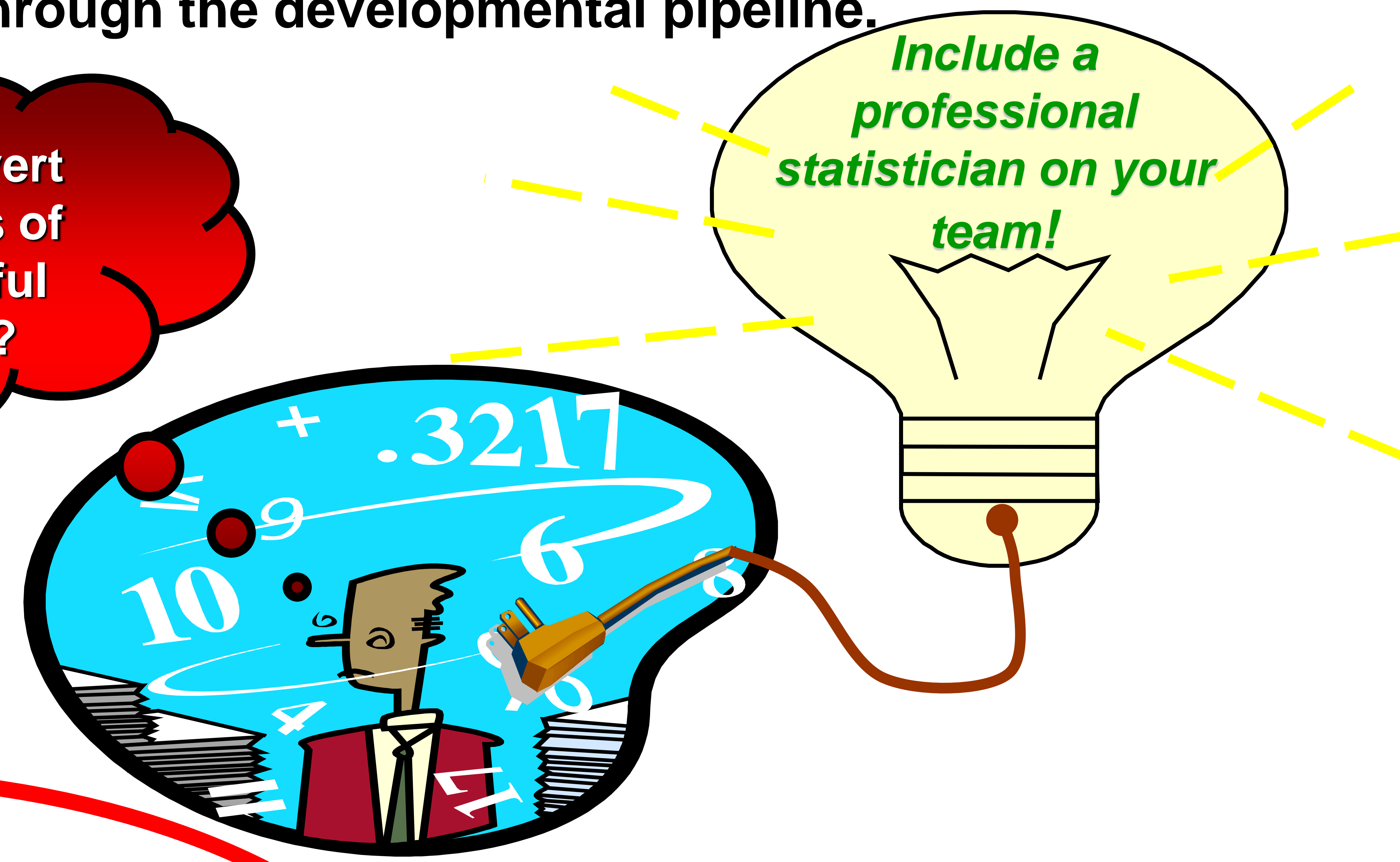
Nancy Flournoy, Chair, Department of Statistics, University of Missouri, Columbia, MO, flournoy@missouri.edu

Successful businesses move new products through the development pipeline swiftly and efficiently. An integral part of this process is the research design and execution. The field of statistics can provide knowledge and guidance that aides a successful flow through the developmental pipeline.

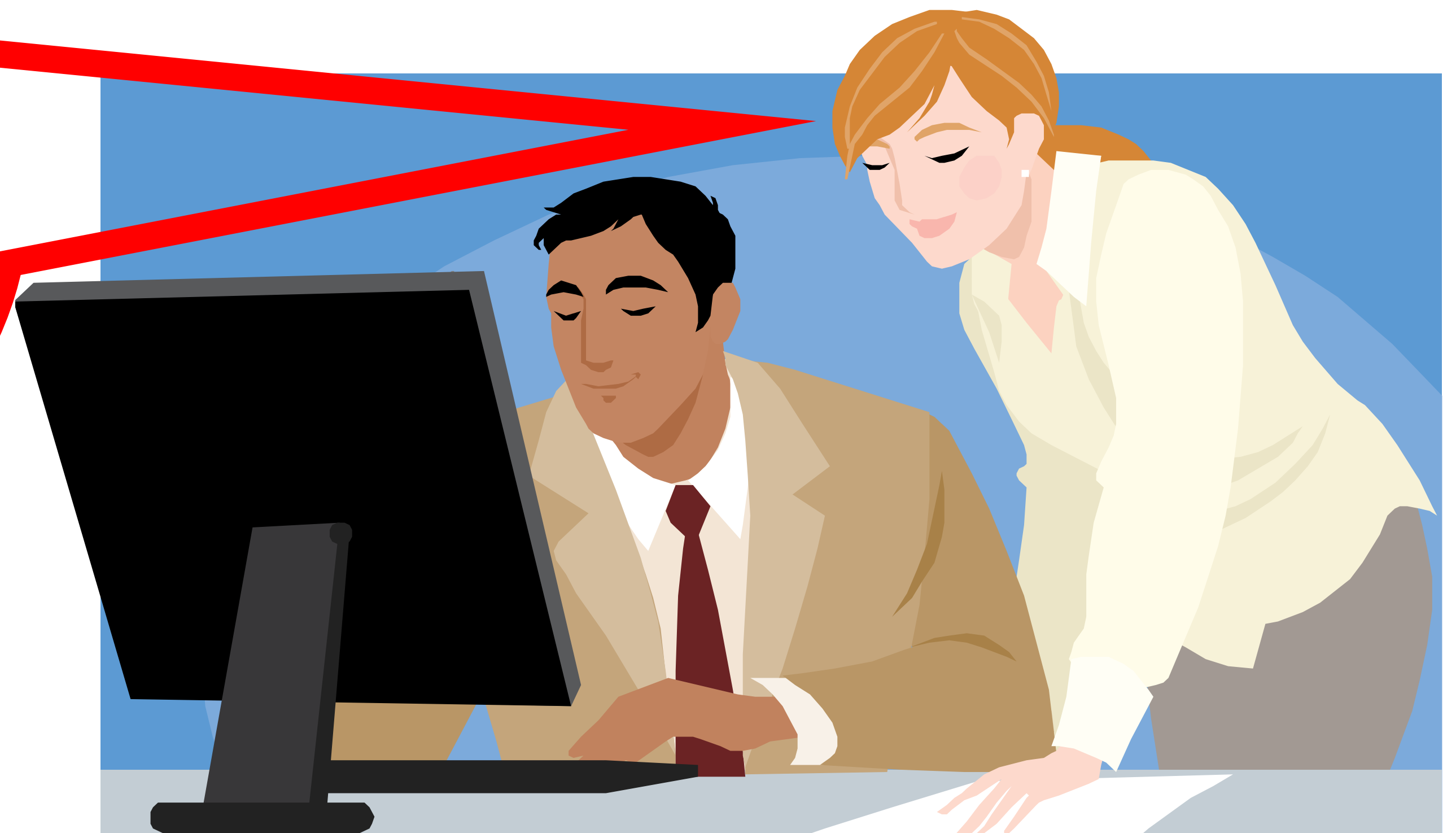
Sample size – too many or too few?



How do I convert large amounts of data into useful information?



Lets get down to the nuts and bolts. I can work with you to define the problem, develop and design a strategy, identify resources and implement ways to deal with the statistical analysis.



- Design the study to enable powerful statistical analysis
- Identify sources of measurement variability
- Use enough subjects to detect real differences while being cost effective
- Randomly assign subjects to treatments
- Use baseline measurements to study change
- Ensure the statistical analysis matches the research design
- Include statistical methods and results to investors, EPA & FDA

Contact the abstract authors to link up with Missouri members of the American Statistical Association who have expressed interest in consulting on your statistical needs!