# **MATH 444 – Statistical Modeling, Fall 2025**

**Case Study A**

* You work at a Research Hospital and your boss, who does not know statistics (he has an MD degree), asks you to check if two different tests (from 2 different companies) for a certain disease have the same results.
* Because one may be cheaper than another, he wants you to tell him if the tests are equivalent so that the hospital will use the cheaper one.
* They collected blood from 100 people and for each person the blood was tested with test1 and with test2. That is, test1 and test2 were both applied to each person’s blood.
* The data is on Canvas as ”tests data.csv”.
* Write up your Data Analysis, conclusions and recommendations.