



**Sport Science Laboratory**

## **Seeking Participants for a Research Study**

### **Agreement between Portable Force Plates, Digital Contact Mat, Vertec Jump Trainer, to Assess Vertical Jump Height in Collegiate Power Athletes**

IRB #

**The purpose of this study is to assess the agreement between the use of a digital contact mat and "Vertec" jump trainer, compared to portable force plates to determine maximal vertical jump height and power output in National Collegiate Athletic Association (NCAA) power athletes.**

#### **Do you meet the following criteria?**

- 18 years or older
- Considered a National Collegiate Athletic Association Athlete
- Free from any injuries that would prevent you from exercising

#### **What would you do for the study?**

- Complete a body composition assessment
- Complete two trials each of three different vertical jump tests (countermovement vertical jump, countermovement vertical jump with hands on hips, and a drop jump).
- Perform these jumps using three different types of equipment

**If you have questions, please contact Dr. Bridget McFadden ([bridget.mcfadden@qc.cuny.edu](mailto:bridget.mcfadden@qc.cuny.edu))**

