Increasing Number of cyclist collisions
Project Roles

• Functional crash test dummy
• Simulate bike-car collision
• Collect collision data
• Modular design
• Multiple crash configurations
Project Roles

- Sensing & Instrumentation
- Crash Dynamics
- Biomechanics
Dummy Crash Test (2015)
Dummy Crash Test 2018
Post-Crash Analysis
Future Goals

• New modular dummy

• Muscle coverage

• High-speed sensing

• Improve launch mechanism

• Crash simulations through computer programming
Thank You
http://cucd.mae.carleton.ca/