

# Biped Robot Design & Biomechanics Projects

*Professor Andy Ruina*

## INFORMATION SESSION:

Tuesday, January 21@ 7:00pm – Thurston 201

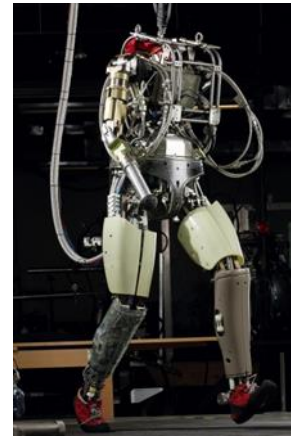
*Looking for students (freshman – M.Eng)*

*In: **MAE, CS, or ECE***

**Potential projects** (more at [ruina.tam.cornell.edu](http://ruina.tam.cornell.edu))

1. Biped simulation in Gazebo
2. Set up Linux board with ROS
3. Biped foot design
4. Actuator testing / characterization
5. Safety harness for testing new robot
6. Robot fabrication and assembly
7. Design better rowing ergometer
8. Autonomous Bicycle

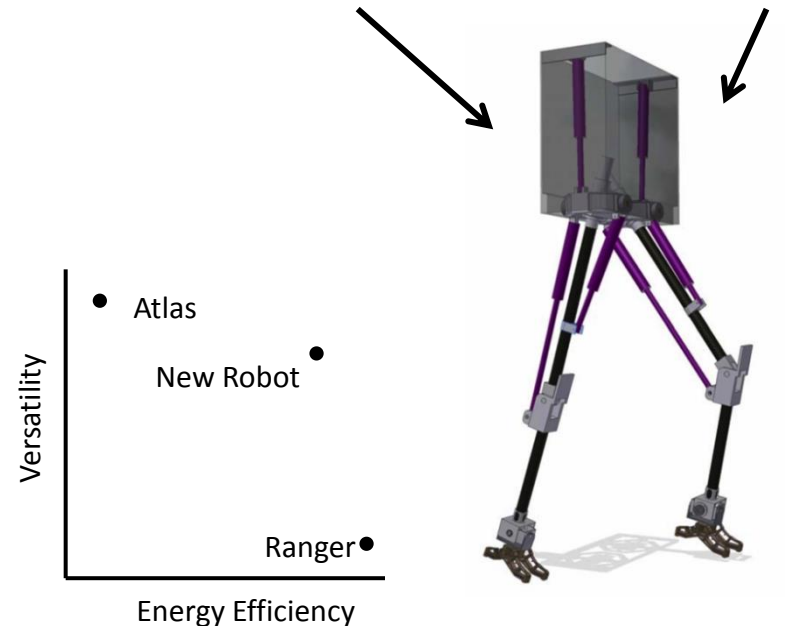
**Interested?** Contact Matt Kelly: [mpk72@cornell.edu](mailto:mpk72@cornell.edu)



Atlas – Boston Dynamics



Ranger – Cornell University



New Robot - Cornell