

## Bio 7.1

### Goals

- \* Characterize the energy in different systems, including chemical, elastic potential, gravitational potential, electrical, and nuclear potential
- \* Describe the importance of ATP and other batteries of the cell

### Plan

Review quiz (30 min)

The energy in a hotdog vs the energy in dynamite (10 min)

Examples, including ATP

Discussion question: Why is it important to have energy in the correct form? (5 min)

*Video*: World's Most Asked Questions: What Is Energy? (5 min)

Lab: Energy in different forms (30 min)

*Video*: Amazing Energy Facts To Blow Your Mind (5 min)

The all important ATP (10 min)