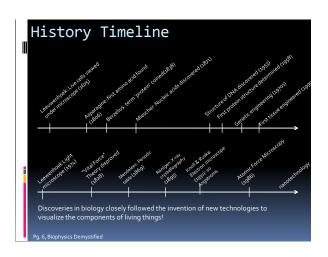
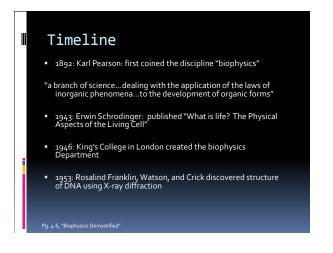


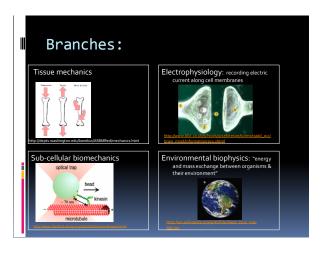
Topics What is biophysics? History Biomolecules: polymers in biology

- Definition: applying physical concepts to biology
- Organisms are complex, but still obey the laws of physics and chemistry!
- We'll be talking about fields traditionally applied to engines, machines, and electronics, but applied to living things!





Subdivision of Biophysics by size • Molecular and Subcellular Biophysics • Physiological and Anatomical Biophysics • Environmental Biophysics



Subjects Chemistry Thermodynamics Statistical mechanics Biomechanics Electricity/Electrophysiology