

ME 207– Biomechanics I
Assignment 1 – Due Wednesday 9/5/2007

Read Chapter 1 of Mow & Huiskes: Brief History of Science and Orthopaedic Biomechanics

Problem 1: Explain what steps are required for search for new knowledge and paradigm shift away from old knowledge.

Problem 2: Describe an interesting vignette in history presented in Chapter 1.

Problem 3: Define *Biomechanics* and *Mechano-biology*.

Problem 4: Use www.pubmed.gov to do 2 medline searches ('Mow cartilage' and 'Huiskes bone') and answer the following questions for each: i) How many total references did you get? ii) Provide the full citation for an article with the most interesting reference to you.