

Session 2A Discussion Questions...

- [Q]: In engineering mechanics, what are the basic concepts and assumptions used in statics, dynamics, and strength of materials?
- [Q]: What mechanical properties are commonly used to characterize material behavior?
- [Q]: What are some fundamental differences between traditional engineering materials and biologic tissues?
- [Q]: What is viscoelasticity?

Session 2B...

[Q]: What is the “Scientific Method”?

[Q]: What study designs are typically used in biomechanical research?

[Q]: What two key input/output variables are used in biomechanics?

[Q]: From these variables, what metrics can be derived and used in characterizing / comparing biomechanical properties?

[Q]: What experimental models are commonly used in biomechanics research?