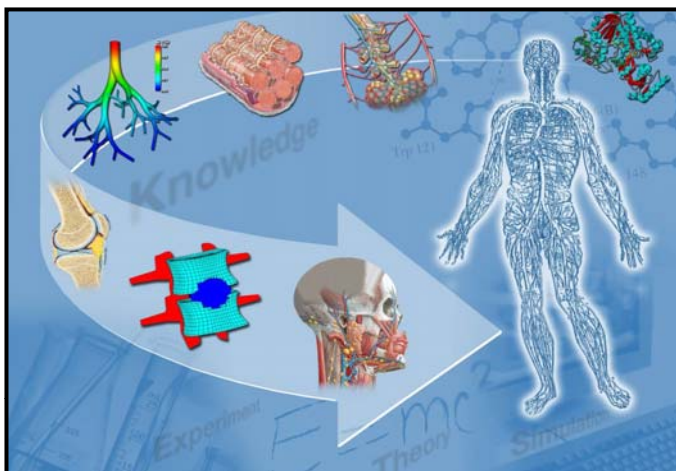


# Biomedical Science & Technologies Initiative

Modeling & Simulation Group



## *Problem Statement:*

**Unify disparate ORNL biomedical research efforts & create a collaborative, cross-cutting entity that could evolve into a vibrant, world-class biomedical science & technology program.**

## *Technical Approach:*

**Create a multi-disciplinary team with expertise in biomedical informatics, biomedical engineering, instrument development, nanotechnology, biomedical technology, biomaterials, image processing, knowledge discovery, finite element analysis, & computational modeling & simulation.**

## *Benefit:*

**A well-coordinated multi-disciplinary team could provide the programmatic continuity-of-purpose needed to develop a world-class biomedical science & technology program at ORNL.**

