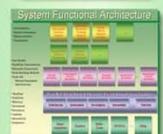
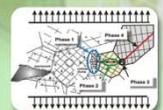


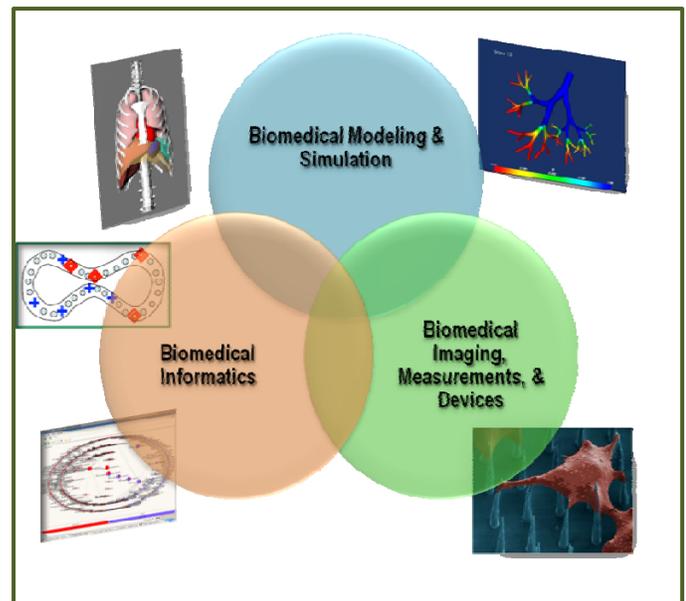
Modeling and Simulation Group



BIOMEDICAL SCIENCE AND ENGINEERING CENTER (BSEC) AT OAK RIDGE NATIONAL LABORATORY

The *Biomedical Science & Engineering Center (BSEC)* is a collaborative effort between the Computational Sciences and Engineering Division and the Measurement Sciences and Systems Engineering Division at Oak Ridge National Laboratory (ORNL). BSEC is an umbrella organization that encourages and facilitates synergies found in the wide variety of biomedical-related research and development activities currently underway at ORNL. **The center acts as a catalyst and national resource for interdisciplinary biomedical research in biomedical informatics, biomedical modeling and simulation, and biomedical imaging, measurements and devices.** The scope of these activities is broad and ranges from new discovery to licensing intellectual property for new technologies. BSEC's objectives are to:

- establish and maintain a framework to identify critical biomedical research directions and facilitate appropriate interdisciplinary collaborations between academia, government agencies, the medical community, industry, and the ORNL research community to address challenges;
- foster innovation and vital technological breakthroughs in key areas of the biomedical sciences;
- organize and facilitate an annual conference that provides a platform for interactions between nationally-recognized biomedical science and engineering experts; and
- establish a mechanism for appropriate mentoring and educational opportunities that will involve minority and underrepresented students in broad biomedical research topics.



Point of Contact

Barbara Beckerman
Acting Director, BSEC

Program Manager – Biomedical Informatics and Biomedical Engineering

Oak Ridge National Laboratory

P.O. Box 2008, MS 6085

Oak Ridge, TN 37831

Phone: (865) 576-2681

Email: beckermanbg@ornl.gov