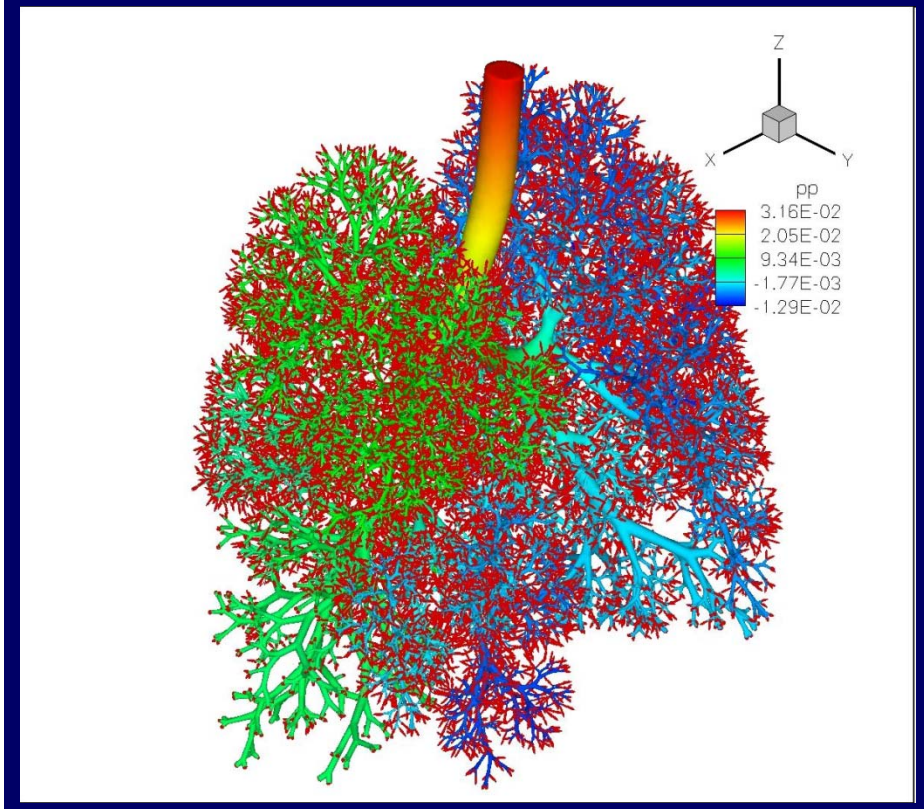
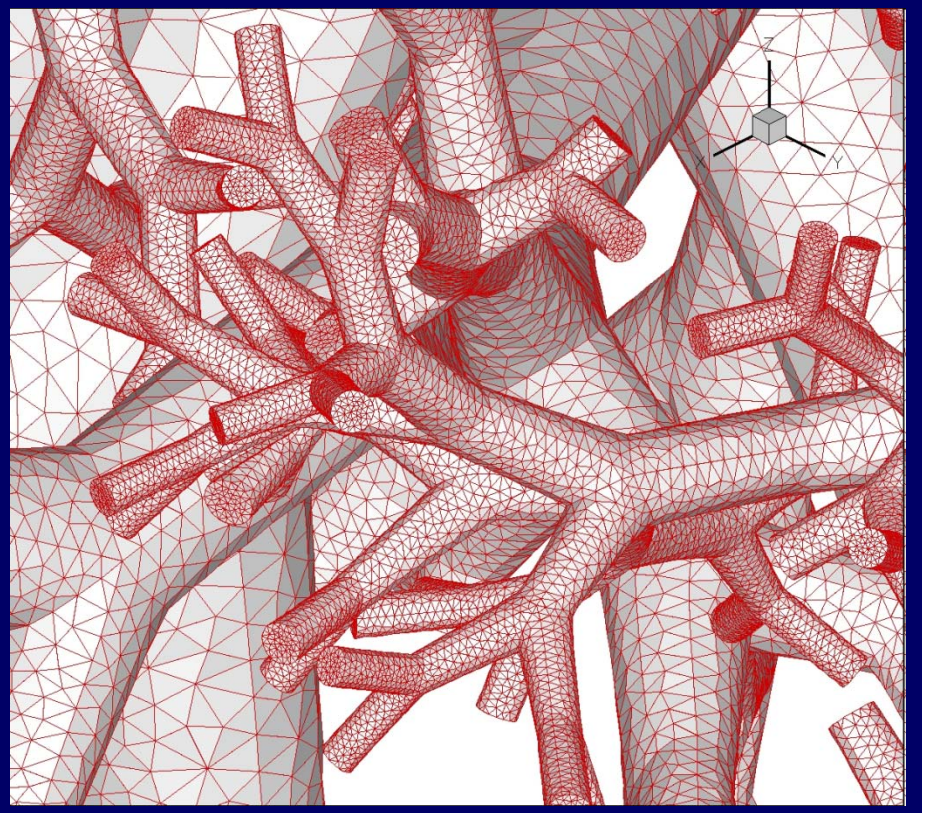
Multiscale Simulation of Gas Flow in Subject-Specific Models of the Human Lung

R01-EB-5823 (MSM)
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- Developed 3D and 1D coupled computational fluid dynamic simulations of the breathing lung in normal and diseased states
- TeraGrid generated 16-generation 3D airway tree with pressure contours and velocity vectors at the terminal bronchioles

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