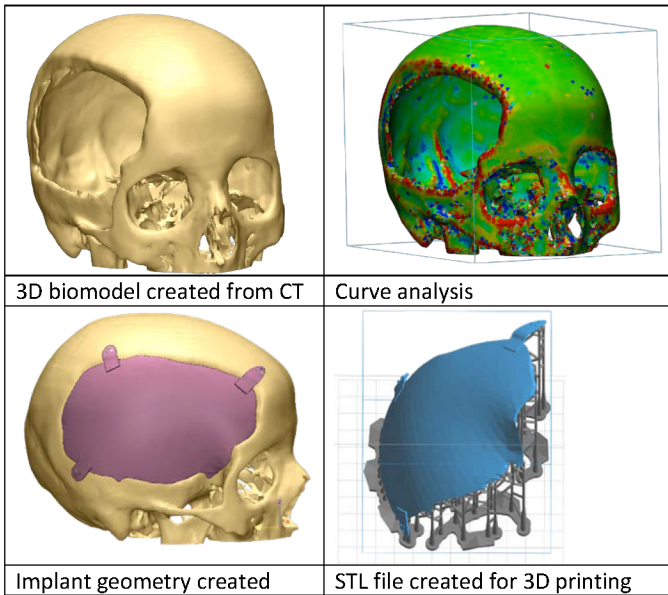


STEM Teacher Biomodeling and Reverse Engineering Workshop

**June 28-30, 2017
9 AM – 3 PM**

**University of Memphis
Main Campus
Herff College of
Engineering**



Apply today to attend the 2017 Biomodeling, Reverse Engineering and 3D Printing Teacher Workshop. Brought to you by the Department of Biomedical Engineering with support from Materialise USA! This free workshop will include:

- Training with the Mimics Innovation Suite-based lesson plans courtesy of Materialise USA to integrate medical MRI and CT image data sets with hands-on creation of 3D computer models.
- Overview of how engineers use medical images to create implantable medical devices and to make measurements of anatomical structures that aid physicians in diagnosis and treatment.
- Hands-on training in using laser and light scanners to reverse engineer products and create models for CAD programs and 3D printers.
- Demonstrations of stereolithographic 3D manufacturing of models created by workshop participants during the workshop exercises.

Applications from high school teachers in Memphis and the greater Memphis area receive priority consideration for this training. Apply today! Space is limited!

<https://www.surveymonkey.com/r/SG6683Q>