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Project #4: Analysis of glenoid loosening

Collaborating with the Hospital for Special Surgery (HSS), we are investigating the environmental, design and surgical factors that affect the glenoid loosening performance after total shoulder replacement. Students will work with fellows and engineers from HSS to develop a finite element model to determine mechanisms of glenoid loosening. The students should have some FEM modeling background. This project is suited for a team of 2-3 students.