

NCSSM iGEM TIMELINE:

February

Week 1:

iGEM applications are sent out

Week 2:

Decisions are made by the judges, and the first meeting is scheduled

Week 3-4:

Initial meetings are held which consisted of brainstorming and assigned reading

March

Week 5-7:

Literature reviews are turned in and assigned to the captains, and each member shares their idea for a project, several projects are discussed and finalized

Week 8:

The decision is finally made and revised, everyone agrees upon a project consisting of the construction of a biosensor for AgNPs detection

Week 9:

Preliminary procedures and methods for AgNPs synthesis and harvesting is constructed and revised

April

Week 10-11:

The team decides to split into two sub teams. Peter handling the team which designs the sequence and orders the constructs and Morgan handling AgNPs synthesis, making sure everyone logs in equal amounts of lab time

Week 12-13:

The first batch of silver nanoparticles are successfully synthesized and analyzed under a microscope, AP lab bio 6 is successfully conducted. Everyone gains experience in bacterial transformation and sterilization conditions. Gene constructs and sequences of interest are searched for within the registry

May

Week 14:

Gene constructs and sequences of interest are searched for within the registry

Week 15:

Constructs are successfully designed and found, AgNPs procedures are verified and several batches are made successfully

Week 16:

Everything including the gene constructs and bacteria is successfully delivered, all is stored properly according to sanitation and environment conditions

Week 17:

The bacteria is inoculated following several experiments utilizing AgNP solution. Results are retrieved, positive feedback. The experiment proved to be a success

June:

Week 18:

All documentation and reports are transferred to the wiki and all team members work together to form the website