• **Title:** FNA Modification

• **Names:** Janie Goldsworthy (Communications), Kristi Hinner (BSAC), Nick Kortan (BWIG), Crystal Marshek (Leader), Dr. Elizabeth Burnside (Client), Prof. John Webster (Advisor)

• **Date:** 10/16/02-10/22/02

• **Problem Statement:** Modify the currently used FNA needle to both disperse and collect more cells at the removal cite.

• **Restatement of Team Goals:** Take the syringe to the ME shop so they can shorten the ‘needle’ with a diamond cutting wheel allowing us to do testing using the current drill bit without extending it so some testing can begin. (Crystal) Get together with Yi Chen for histology/cytology information. (Kristi) Contact manufacturers to tell them what we are lengthening the drill bit for and to see if that makes a difference in their initial response of ‘no way can they lengthen the drill bit because it will be too weak’. (Janie) Figure out a protocol for determining if the two different collection techniques (old vs. new) do indeed collect different sample sizes and how different. (Nick)

• **Summary of Accomplishments:** Prepared and gave midsemester presentation. (All)

• **Statement of Team Goals:** None of these were accomplished this past week, so once again these are our team goals: Take the syringe to the ME shop so they can shorten the ‘needle’ with a diamond cutting wheel allowing us to do testing using the current drill bit without extending it so some testing can begin. (Crystal) Get together with Yi Chen for histology/cytology information. (Kristi) Contact manufacturers to tell them what we are lengthening the drill bit for and to see if that makes a difference in their initial response of ‘no way can they lengthen the drill bit because it will be too weak’. (Janie) Figure out a protocol for determining if the two different collection techniques (old vs. new) do indeed collect different sample sizes and how different. (Nick)

• **Project Schedule:** Lengthen drill bits, Begin testing, K-12 outreach

• **Difficulties:**

• **Activities:**
  - Janie –
  - Kristi – Contacted Yi Chen (0.5 hr)
  - Nick – Ordered Popper and Sons Catalog (0.25 hr)
  - Crystal – Progress report (0.5 hr)