Work Plan for This Semester
Bijaya Aryal

- Entering the work sheet data: Lead to the thematic analysis
- Association diagram: Make association diagram for individual interviews. Make it for group interviews. Compare the diagrams.
- Expansion of results: Expand the results from different stages of data analysis. Write the result and discussion chapter of dissertation.
- Finalize the draft for teaching activities: Write conclusion chapter of dissertation. Revise the work. Write introduction chapter of dissertation.

Jackie

- Goals for the semester
  - Continue analyzing blender interviews
  - Meeting with Sanjay today to discuss new project

C. Mamolo

The Impact of Science Curriculum on Pre-Service Elementary Teachers' Field of Concentration Decision.

- Describe the Science Curriculum (explicit and implicit) that a typical Pre-service Science Elementary Teacher undergoes.
  - Teacher’s Perspective
  - Student’s Perspective
  - Observations, Documents, etc...
- Preliminary exam by end of spring 07
- Oral exam by summer 07

FRAN -- Research Design

- CONTROL GROUP
  - Three regular homework problems from end of chapter. (Their main purpose is to balance the time on task with the Treatment Groups)
  - Three TRANSFER problems (Same as those in the treatment groups discussed below).
- TREATMENT GROUP 1 (Questioning Strategy)
  - Three pairs of contrasting cases, each pair followed by a series of multiple-choice questions that help get at the learner focus on the differences between the two problems in the pair. Problems in each pair have the same underlying schema by different surface structures.
  - Three TRANSFER problems (Same as those in the treatment groups discussed below). Each pair of contrasting cases is followed by a TRANSFER problem.
- TREATMENT GROUP 2 (Structure Map Strategy)
  - Training session where students are led through ONE example in which they learn how to interpret the schema at different layers (what elements are used, how to differentiate between explicitly specified elements, implicitly specified elements, and assumed elements).
  - Three pairs of contrasting cases (same three pairs as Treatment 1), each pair followed by a diagram of the schema. Students are asked to identify what elements of each problem in the pair map onto the schema.
  - Three TRANSFER problems (Same as those in the treatment groups discussed below). Each pair of contrasting cases is followed by a TRANSFER problem.
Mojgan’s Plan for the next following month:

To be prepared for the defense and hope to get my core research project soon.

Dyan – Optics of Human Eye

My Semester Plan: Lots of work.

• How do wave-front aberration detection methods work?
• Interviews: transfer of physics/optics to those detection methods.

Tentative PER Seminar Schedule

- Jan 22 Organizational & Group Meeting
- Jan 29 Fran Mateycik
- Feb 05 Dr. Meera
- Feb 12 Group Meeting
- Feb 19 Bijaya Aryal
- Feb 26 Spartak Kalita
- Mar 05 Group Meeting
- Mar 12 Mojgan Matloob
- Mar 19 SPRING BREAK -- No Seminar
- Mar 26 Charles Mamolo
- Apr 02 Group Meeting
- Apr 09 Brian Adrian
- Apr 16 Dyan McBride
- Apr 23 Jackie Haynicz
- Apr 30 Group Meeting
- May 07 FINAL EXAM -- No Seminar