Specific activities performed by postdoc

1) Professional development
   • Attended CWSEI reading group session on January 25.
   • Attended STLF meeting on January 28 (on learning goals).
   • Filled in for Omer Angel for two lectures of Math 419 (January 27 and 29).

2) MATH SEI general meetings/activity
   • Attended weekly progress meeting on January 22 and 29.
   • Joined the CWSEI STLF group as an affiliate member.

3) Course-specific meetings/activities

MATH 318 – Probability with Physical Applications

1. Graded the computer components of assignments 1, 2, and 3.
2. With Gord, designed questions on the assignments that use computers, either using Octave/MATLAB or using applets from the University of Alabama “Virtual Laboratories in Probability and Statistics” (UAVL). There have been two questions on each homework so far, and we've completed up to assignment 4.
3. Contacted Costanza Piccolo and Brian Wetton for ideas re: computing questions on midterms. Both helped me and provided me examples from courses they've worked on in the past.
4. With Gord, drafted an Octave-based question for the midterm and decided what to tell the students re: what they will be expected to know about Octave on the midterm.
5. Have continued to monitor the course discussion board on Vista (though so far the students are not using it).
6. With Gord, decided to shift the emphasis on the computing portions of the homeworks away from the applets on U AVL and towards Octave, which affords us many more possibilities for exercises.
7. Discussed the learning goals with Costanza and Warren Code, and incorporated their suggestions into a second draft. Also went over them at the STLF meeting on January 28.
8. Started planning a mid-term attitude survey, to be held just after the Olympic break; discussed with the Math CWSEI group on January 29.

Current Project Status (material was prepared by either STLF or other members of the MATH SEI group)

MATH 318:
Learning Goals: second draft in progress; have discussed with the Math CWSEI group and Gord. Will be meeting with Bruce Dunham sometime soon (probably next week).
Assessments: Tracking computer-based exercise marks separately from the traditional exercise marks on each homework. Planning an attitude survey after the midterm.
New Methods/Materials: Third and fourth assignments completed; two computer-based exercises added to each.

Plan for immediate future work

MATH 318:
1. Continue writing new assignments with Gord.
2. Continue to revise learning goals.
3. Continue grading assignments.
4. Finalize computer-based exercise for the upcoming midterm.
5. Grade upcoming midterm.