

May 25, 2006

Preparation for Proposal Writing Meeting

Date: Tuesday, May 30 and Wednesday, May 31, 2006

Location: University of Maryland (Room to be found by Jim Fey)

Time: Start around 10-10:30.

Assignments

Communications should be sent by **Thursday, May 25, 2005** to the entire group.

1. Write a description of the small group of experts that will advise the Situations Project. Who should attend? What will they do or produce? Why convene such a group? **(Kathy Heid)**
 - Possible Attendees? :Zalman Usiskin, Al Cuoco, Dick Stanley, Steve Benson, Kay Merseth, Joan Ferrini-Mundy, Sarah Sword (EDC), curriculum developers?
2. What is NSF trying to accomplish with the Dear Colleague Letter? Compile information from the Dear Colleague letter, telephone conversation with Spud and Janice, information from Bob Reys. **(Pat Wilson)**
3. Collect evidence that disparate groups (small) are looking at mathematical knowledge for teaching at the secondary level and need to be brought together. Look at conference proceedings, meetings, known projects. **(Brad Findell and Rose Zbeik, Eileen Murray)**
4. Draft a framework for our work. Look at notes from UGA meeting 8 May 2006. **(Jeremy Kilpatrick, Glen Blume, Bob Allen).**
5. Write a historical perspective of Mathematical Knowledge for Teaching. What ideas and research do we have to build on? What has already been tried? **(Jim Wilson)**
6. Describe what is novel about our work. Explain knowledge as applied mathematics. Emphasize the mathematical component in contrast with pedagogical. (The character of the secondary chapter and elementary chapter in MET are quite different.)
7. Describe how our work responds to the Dear Colleague letter. **(Kathy Heid and Pat Wilson)**
 - How does it capitalize on work done?
 - Show that MKT is more than standard mathematical content knowledge.
 - Use CUPM report Ferrini-Mundy and Findell
 - Karen Graham's work on Teacher Knowledge
 - AMTE monograph on developing content knowledge.
8. Communicate with Mark Hoover-Thames. Let him know that we are interested in how the ideas related to MKT at Michigan evolved. What was the role of item camp? Note that we are not focusing on assessment at this point. **(Jeremy Kilpatrick and Pat Wilson.)**
9. Penn State will send an Endnote bibliography to Jim Wilson to post on the web page. **(Kathy Heid)**
10. Arrange rooms and equipment (projector, copier) at University of Maryland. **(Jim Fey and Kathy Heid).**