Participants

• Teachers:
  – Brent Fadum (this grant)
  – Cory Kolodji (this grant)
  – Bonnie Anderson (W&M)
  – Jacoline Kichenhoff (UMTC)

• Undergrads (both from this grant):
  – Andrew Altobell (UMTC)
  – Tony Anderberg (Carleton)

• Don’t have the tour numbers for this year back from the DNR yet
Outreach Coordinator

- Was supposed to be hired this summer too, but the request by NSF to split the money between institutions led to $O(n^3)$ bureaucratic interactions
- Only just now (!) got UofM approval to post the job and start the hiring process
- Goal is to have the person on board and learning things early in the New Year, to be ready for the spring open house and 2010 teacher/undergrad recruiting
Outreach Coordinator

- Still funding for three part-time years
- We now have some flexibility:
  - Do we make it a 75% time job for two years (was 50% for three)
  - Or offer more per hour depending upon the qualifications of the applicants?
Accomplishments

• Cory and Brent wrote a very nice summary document, will post on Prisca’s Wiki
  – More research activities happened this year than previously, was well-received
  – Tour and teaching enhancements done
  – Groundwork done to preserve the lessons learned for future years
Research

• MINOS Near Detector neutrino interaction data scanning
• Neutron multiplicity experiment veto shield construction
• SOLO monitoring and calibration
• Gravity experiment operations
• MINOS operations and data quality control
Teaching and Tours

• Improved displays, including graphics, models, and layout
• Most of our activities and lesson plans were for older kids. Pre-school and elementary activities greatly improved
• Human resource improvements
  – Participants learned a lot more particle physics (and park related things)
  – Assessment applied to the outreach itself, peer feedback
Next Year

• Started work on:
  – Training materials for future participants
  – More lesson plans for visiting school groups, especially “Science in a Box” activities and demonstrations to go with them
  – Assessment survey specific to school groups

• Ideas for future years
  – Formalized participant training
  – Better tie-ins with Scout groups, especially those looking to complete merit badge requirements on an extended visit
  – Revisit assessment, improving on the 2008 experience