

Remodel of McLane Hall

We would like to make a large addition to the physics portion of McLane Hall. The cost of the addition would be roughly \$10 million, and will include:

A large teacher resource room that would have equipment to check out, and physics lessons for all ages and levels of competency. The teachers in the community tell me this would be a great resource for them.

A much-needed computational laboratory would be used extensively by students, teachers, and professors to work in all areas of science. Computers are used in all phases of science, and especially in astronomy and high-energy physics.

A new biomedical research laboratory.

Additional conference rooms to teach small classes. Some of our upper-division and graduate courses are small, and we only have the conference room presently to teach these small classes.

The technician's room is overflowing with equipment, to the point of almost being dangerous. We need another large equipment room for storage of all the physics demonstrations we use in classrooms. We are also always adding new demonstrations and equipment, so storage space is a must.

With all the video-recording being done these days, a video studio is essential. In this video studio we could make videos, and also do remote viewing. We would make educational videos that the students could view from a website.

We need a room devoted entirely to electronics. High-tech laboratories these days need clean and dedicated rooms to assemble and work on electronics.

We would also like to add two advanced laboratories for students to work on class material and research projects. We presently have advanced laboratory being taught using the research labs of two colleagues.

Another feature would be to have a dedicated room for radioactive storage.