
BIKE PAVILION DESIGN-BUILD PROJECT

After Spring Break Kurt Rathmann's section of fourth-year studio designed and built a bicycle shelter at the Clearwater Environmental Institute (PCEI) on the outskirts of Moscow. Why build a bicycle shelter? The intent is to feature the shelter as a demonstration of green building techniques, the shelter will be built with local materials and the roof will be planted with drought-resistant local ferns. The green roof will provide insulation and reduce energy costs. Moreover, it will shelter the most efficient and sustainable mode of transportation.

As with all good sustainable architecture projects, the shelter was designed and constructed by students. In the design phase, students were joined in the design phase by the PCEI staff and two environmental landscape architecture graduates. Several alternative designs were developed early on and students then discussed the relative merits of the designs and chose to build one of them. Construction began on April 11 and the first coat of plaster was applied during finals week on May 13. In a short time, students and volunteers put in over 800 person-hours of construction work. The shelter is intended to build a companion piece in the near future—a straw bale composting toilet. The shelter is located on the Clearwater Drive [It's not an up-scale shopping street!—bth] in Moscow or at <http://www.pcei.org> playing in their program.