

MUCP 4680/5680  
Spring 2009

### Project #3

First there were modular synthesizers -- and then there were performance synthesizers, designed as marketable and easy-to-use instruments for professional musicians. Instead of lots of patch cables and settings, these used "hard-wired" routings and simple controls, which concealed electronics similar to those used in the large modular synth's.

Using the "synthorama" software kit, choose a set of controls and synthesis modules, carefully set up and tuned to create a versatile and playable performance instrument. Remember that you need to name each module with a unique name in order for the main patch to save settings...

Write a (pithy) 1-2 page document advertising the design features. Provide "proof of concept" by practicing several convincing and wonderful control settings and musical demonstrations of your instrument.

The projects presentations will take the form of a "target marketing focus group" in which each of you will rate the various demonstrated products and the winning team will receive fabulous prizes!