Outline of Cost of stages of MDH CUREs etc

10 groups of students- usually 2-3 students per group

~$1000 for upto 30 students: ~$35 per student

**Bioinformatics approaches**- and Hypothesis Development No Costs **1-2 weeks**

**Making and characterizing DNA 1 week**

DNA preps- Quiagen Spin kits etc Box of 50 =$90

Agarose gels etc

**Making Mutants 1 week**

Primers- minimal costs

Quikchange Kits: 10 mutants= ~$300

Plates etc

**Expression and Purification 2 weeks**

NiNTA Resin 25mL = ~$300- enough for 10 groups- can be regenerated and reused

IPTG for induction 5gm= $63 (RPI)

Media

SDS PAGE Gels etc

Bradford Dye for quantitation etc: 500mL= $66- enough for several courses

**Kinetics etc 2-3 weeks**

NADH 1gm= $60 (RPI) enough for all experiments for semester

Oxaloacetate 1gm = $44 enough for all experiments for semester

Phosphate buffers

Citrate etc 1gm= $55 enough for all experiments for semester