SEI Integrative Physiology
Summary of Activities
IPHY 3470: Human Physiology I

- Assist faculty with implementation of established learning goals
- Provide guidance for faculty group that are now meeting and developing techniques on their own initiative
  - new clicker questions, modification of homework assignments, development of ‘Prepared for Learning’ activities
- Refine assessment tool
- Archive of course materials
IPHY 3480: Human Physiology II

• Complete development of learning goals
• Interactive engagement in lecture
  – Clicker Qs, class research projects
• Coordinate lecture with independent laboratory class
• Observe/summarize student thinking and misconceptions
• Begin the development of an assessment tool
IPHY 3410: Human Anatomy

- Complete development of learning goals based upon faculty feedback
- Provide guidance for faculty group that are now meeting and developing techniques on their own initiative
  - new clicker questions, alignment of learning goals to exams, refine homework, develop practice exams
- Finalize and validate assessment tool
- Conduct anatomy figure study
  - how cueing on figures can improve learning
- Archive of course materials
IPHY SEI Involvement with Other Classes

- IPHY 4660 – Neurobiology of Disease
  - introduction of calibrated peer review
- IPHY 2800 – Statistics
  - assist recently formed departmental committee with course reorganization
- IPHY 4720 – Neurophysiology
  - learning goals, assessment tool, clicker questions, homeworks
- IPHY 3420, 4440, & 4650
  - TA training, use of clickers, concept maps
IPHYS EI Involvement with Non-Course Activities

• Begin development of formal training sessions for department Teaching Assistants
• Convert department seminar room into SMART room
• Submit ‘Concept Map’ paper for publication
• Assist with BioCLASS (Colorado Learning Attitudes about Science Survey)
• Assist two faculty members with their projects funded by the Presidents Teaching and Collaborative Carnegie Foundation Program