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LO Needs for Psych 112

Emily Bonem & Adena Rottenstein

Psych 112: Introduction To Psychology

- Instructor: Brian Malley
- Description
 - Large lecture class (~400 students)
 - Biweekly 2-hour lecture plus one 2-hour discussion
 - Course Goals
 - To introduces you to scientific models of human thought, feelings, and behavior
 - To apply these models to understand better your own mind and behavior and those of others

LO Needs

Muddy points

- Darwinian Evolution
- Schedules for Reinforcement
- The hunger mechanism
- Cognition, e.g. prototype effects, conceptual structure, etc.

Adena LO Collection

Pavlov's Dog

- Used to demonstrate classical conditioning
- <u>http://nobelprize.org/educational/medicine/pavlov/index.html</u>
- UW College Operant Conditioning
 - Used to teach pos/neg reinforcement vs. pos/neg punishment
 - <u>http://online.uwc.edu/operanttutorial/</u>
- Midsagittal Brain Study Module
 - Used to teach brain anatomy
 - <u>http://www.psych.ualberta.ca/~ITL/brain/</u>
- Drugs!
 - <u>http://www.jellinek.nl/brain/index.html</u>
 - <u>http://learn.genetics.utah.edu/content/addiction/drugs/mouse.html</u>
- Connecting Concepts: Interactive lessons in biology
 - Used to teach Darwinian Evolution
 - http://ats.doit.wisc.edu/biology/ev/ns/t1.htm
- EMU Research Tutorial
 - Used to teach APA formatted citations
 - <u>http://support.library.ewu.edu/reference/tutorial/flash/citation.html</u>

Emily LO Collection

• Research Methods Lab

- Explanations of five different research methods
- Includes Practice and Post Test Questions (does not give answers though)
- Can print off scores with names
- Requires Adobe Shockwave Player
- http://www.mcli.dist.maricopa.edu/proj/res_meth/login.html

• Human Brain Anatomy

- Explanations of different parts of the brain
- Includes pictures of each brain structure and how they fit together
- Includes quizzes for each brain structure
- http://www.psych.ualberta.ca/~ITL/brain/
- Operant Conditioning (Reinforcement and Punishment)
 - Explanation of positive and negative reinforcement and punishment
 - Includes examples for each
 - Includes quizzes with certificate at end that students could turn in
 - Only issue is that it freezes sometimes
 - <u>http://online.uwc.edu/operanttutorial/</u>
- Penny Memory Test
 - Has several "BrainGames" including the Stroop Task and Monty Hall Problem
 - Needs more explanation as to how these problems relate to psych
 - <u>http://www.dcity.org/braingames/</u>

LO Conclusions

- Overlapping LOs
 - E.g. Operant Condition LO

Missing LOs

- Schedules for Reinforcement
- Hunger Mechanism

Next Steps: Create New LOs

- Schedules for Reinforcement
 - Model after Operant Condition LO
 - Include mechanism for built-in assignment

Hunger Mechanism

- Model after Brain Structure LO
- Include mechanism for built-in assignment
- Issue: Funding?

Thank you!