## PSYCH 480: Comparative Cognition, Fall 2017

| last 5 digits of ID | Assign 1 | Assign 2 | Assign 3 | Assign 4 | Assign 5 | Assign 6 | Assign 7 | Assign 8 | Assign 9 | Assign 10 | Assign 11 | Assign 12 | Assign 13 | Assign 14 | Assign 15 | Assign 16 | Assign 17 | Assign 18 | Assign 19 | Assign 20 | Assign 21 | Assign 22 | Student presentations (20%) | 20% Class Participation | 15% Lit. Review | 10% Final Essay | Final Grade |
|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 20554               | A        | C        | C        | B        | A        | A-       | A-       | *        | A        | A-       | A+       | *        | A        | *        | *        | *        | *        | *        | *        | *        | *        | *        | A        | +        | A        | 20554    |
| 70034               | A        | C        | A+       | A-       | B+       | B+       | C        | *        | A        | B+       | A        | *        | *        | A-       | *        | A        | A        | A-       | *        | *        | *        | A        | +        | A        | 70034    |
| 70703               | A+       | A-       | B+       | A        | A-       | A        | A-       | *        | A        | A-       | A+       | *        | A+       | *        | A        | A-       | A        | A-       | *        | *        | *        | *        | A        | +        | 70703    |
| 73051               | A-       | B+       | B+       | B-       | A        | B-       | B+       | *        | B        | *        | B+       | *        | B-       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | A        | 73051    |
| 73807               | A        | A        | A+       | A-       | A        | A+       | A-       | *        | A        | A-       | A        | A        | *        | A        | *        | A        | *        | *        | *        | *        | *        | *        | *        | A        | 73807    |

### Topics:
- **Introductions to Comparative Cog.**
- **Sensing/perceiving the world:**
  - Auditory map in barn owls
  - Exotic senses: Bumblebees detect electric fields
- **Ecological function:**
  - Learning the flowers' refill schedule
- **Memory processes:**
  - Food storing birds - Nutcrackers
  - Chimps/baboons vs humans
  - Memory processes: Mental time travel
- **Metamemory & metacognition**
- **Student presentation topic discussion**
- **Navigation:**
  - Dead reckoning, landmarks, cognitive maps
  - Homing & migration
- **Reasoning, problem solving, behavioral flexibility**
- **Tool use:** Case studies and beyond
- **Communication in the wild:**
  - Honeybees, alarm calls, eavesdropping
- **Ape language studies**
- **Communication with and between dolphins**
- **Case studies:** Cuttlefish, Alex, Chaser
- **Student presentation topic discussion**
- **Timing and Counting**
- **Learning from others**
- **Self-recognition, theory of mind:**
  - Sensitivity to the gaze of others
- **Student presentation (paper due with presentation)**
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### Instructor:
Brenna, Brooke, Ty, Maddie, Torey, Molly