Clinical Pathology Elective

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Week 1 & 2: May 18 – 29 (Holiday, May 25)
8:00 a.m. – 12:00 p.m. (up to 36 students)
- Paired with parasitology elective

Week 17 & 18? Not this year, sorry

For Class of 2016
Goals: Clinical competencies

- Develop concise problem list
  - Identify major problem(s)
  - Understand pathophysiologic mechanisms
- Develop list of differential diagnosis
- Develop diagnostic plan
- Interpret results of diagnostic testing & make logical diagnosis
- Systematically summarize case material
- Recognize, correct & learn from errors
- Effective communications skills
Topics

- **Hematology**: anemia, leukogram, thrombocytopenia, bone marrow
- **Biochemical profiles**: organ function, acid-base, electrolytes, minerals, endocrine
- **Urinalysis**
- **Coagulation**
- **Cytologic evaluation** (fluids, lymph nodes, inflammation, tumors)
Materials

- Case data (canine, feline, bovine, equine)
- Multi-headed scope reviews
- Microscopic evaluation in pairs
  - Glass slides (hematology & cytology)
  - Preserved urine sediments
Expectations

- Arrive on-time
- Prepare for class
- Participate in discussions
- Assignment?