The purpose of this quantitative study will be to retrospectively analyze how the timing of when students watch asynchronous lectures impacts exam grades of first- and second-year medical students at the Brody School of Medicine.  

Sample: First- and second-year medical students at the Brody School of Medicine at over the past three years.

Sampling period: The interval between each exam ~ 4 weeks.

The following factors will be analyzed:
- **Viewing habits**:
  - % started in the morning, afternoon, evening, night
  - Total views
  - Total time
  - % views started during exam week

**Outcomes**:
- Exam grades

**Model using linear regression**

If there is a statistically significant relationship:
1. Can advise future medical students on how to best utilize the asynchronous lectures as a resource.
2. Create another metric to check-in on struggling students and intervene if their viewing habits are not beneficial.

**REFERENCES**

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