Ch. 5 Discussion:
What is the effect of music on student disposition and achievement in the science classroom?

Jocelyn Castro
Overview of Study

- Does background music affect student disposition in the classroom?
  - Surveys and interviews

- Does background music impact student achievement in the classroom?
  - Assignment and test scores
Summary of Findings

- Disposition (n=8, Experimental group)
  - Increase in number of students who preferred music in the classroom
  - Mention of focus and better environment
  - A couple of students indifferent
Summary of Findings

- Achievement (n=16, Both groups)
  - Experimental group compared before and during music
  - Both groups compared during music

- Assignment scores – not statistically significant

- Test scores – not statistically significant
Conclusions

- Changed the environment in the classroom
- Better mood in the classroom versus silence
- No major impact on their achievement
Recommendations

- Longer study
- Bigger Case Group
- Provide option to play own personal music
Limitations

- Number of students participating
- School events and schedules
- Inconsistency
- Lack of participation of case study students
- Classroom setup
Future Questions

- Does music affect retention of science content?
- Will allowing students to listen to their own music in class improve their disposition and achievement?
Acknowledgment

Thank you for your continued support!
I am lucky!