

# Senior Comprehensive (CPSC 099) Information Session

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# What is the senior comprehensive

Your chance to present an awesome poster  
and  
tell your story about a cool project you did

# Requirements

- All seniors are automatically signed up for a zero-credit course, CPSC 099
- The grades will be assigned as S (satisfactory) or NC (unsatisfactory) only.
- To earn an S grade, students are responsible for two "deliverables":
  - a poster (details below)
  - a well-prepared, practiced oral presentation accompanying the poster that is six to seven minutes long.

# What can your poster be about?

- CS 41 Algorithms
- CS 43 Networks
- CS 44 Databases
- CS 45 Operating Systems
- CS 46 Theory
- CS 49 Probabilistic Methods
- CS 56 Animation
- CS 63 Artificial Intelligence
- CS 65 NLP
- CS 66 Machine Learning
- CS 68 Bioinformatics
- CS 71 Software Engineering
- CS 73 Programming Languages
- CS 75 Compilers
- CS 81 Adaptive Robotics
- CS 87 Parallel and Distributed
- CS 88 Security and Privacy
- CS 89 Cloud Systems
- CS 91 Special Topics Courses in Theory/Systems/Applications
- Research Experience

# # TIP 1: What awesome posters have in common

- 1000 words or less
- White space around text boxes and figures
- Title in one sentence
- Lists of sentences rather than blocks of text
- Avoid weird color combinations
- Avoid funky fonts (comic sans is for comic books)
- Give your graphs titles or informative phrases.
- Limit the use of acronyms

## # TIP 2: Printing your poster

Print to a PDF first at 100%

If the PDF looks awful, go back and fix your source file.

# # TIP 3: Talking about your research

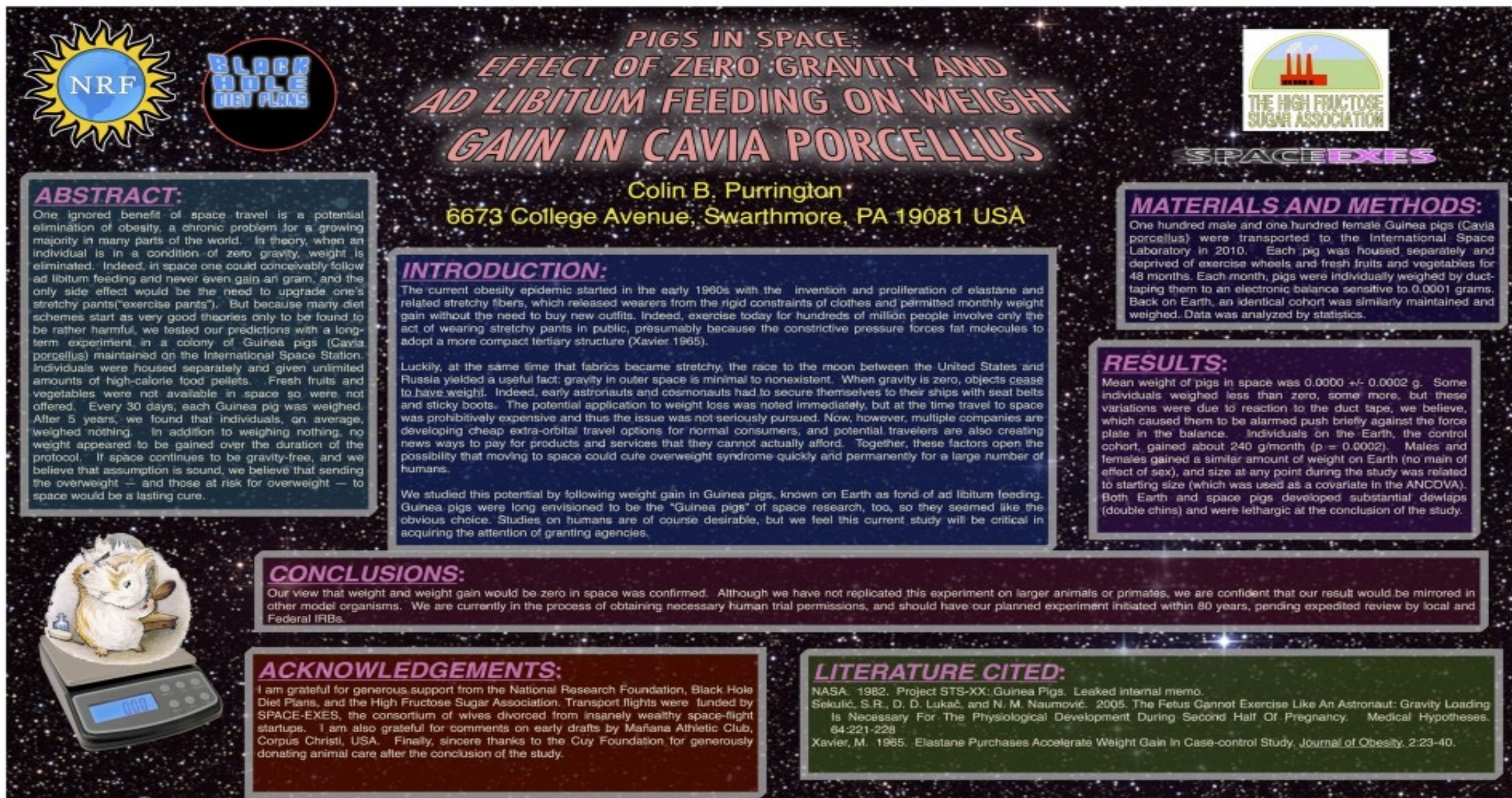
Practice your talk (7 minutes)

Tell us the arch of your project

- \* what is it about
- \* why is it interesting
- \* how did you do it
- \* main takeaways
- \* future work



# What's wrong with this poster?





# How about this?

## Muse Meditation: Mindfulness, Zen, and Academic Stamina Through the Library

Kellie Sparks, Evening Librarian

Hillary Fox, Science Librarian

### background

Mindfulness is the practice of being in the moment. Meditation has the potential to enhance brain attention & speed in which the brain processes information. Librarians have the opportunity to offer an innovative service to promote student success through mindfulness.

### time for quiet



### research objectives

- Evaluate the student's level of familiarity and current use of mindfulness practices
- Assess the student's perceived level of stress before and after Muse Meditation session
- Determine student interest in using meditative tools in the library

### pre/post questions

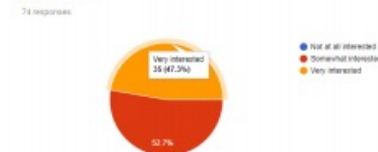
- How would you rate your current level of stress?
- How frequently do you practice mindfulness meditation?
- If the library offered a "Zen Zone," how interested would you be in using it?
- How long did you utilize the "Zen Zone" today?

### results

If the library offered a "Zen Zone" that provided tools that help you reduce stress and test-related anxiety, how interested would you be in using it?



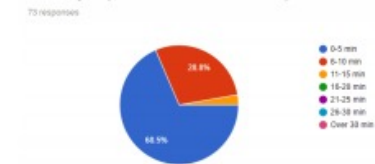
How interested are you in learning more about the concept of mindfulness?



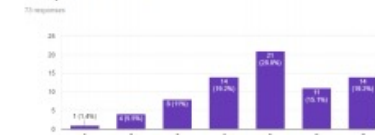
### discussion & conclusions

- Positive feedback from students
- Demonstrated less perceived stress
- Incorporating this as a library service or designated space would be a welcomed service

How long did you utilize the "Zen Zone" today?



If these resources were available during all library hours, how often would you make use of them?



### future research: zen zone

Survey results show that students would like to explore other mindfulness and meditative tools in the library. We are currently testing student engagement to additional tools in what has become known as a weekly "Zen Zone." Our goal is to have a permanent space in the library & circulate tools.

# Questions?

Everything on the slides is also available here:

<https://www.swarthmore.edu/computer-science/senior-comprehensive-2021>

The 60 second poster evaluation:

<https://diversity.okstate.edu/departments/ok-lsamp/site-files/docs/research-symposium/60-second-poster-evaluation.pdf>