BACKGROUND

• SIUE SOP has a graduation rate greater than 90%\(^1\)
• Comprehension of lecture material has been challenging for students
• Sources report that for every 20 minutes of lecture, there should be no more than 10 slides\(^2\)
• About 2 minutes should be spent on each slide\(^2\)
• Students require a break or stimulation in a >50-minute lecture to keep their attention\(^3\)
• Evidence indicated practicing or planning focus within class time to limit rushing through crucial content\(^4,5\)

METHODS

• Study design was an observational, descriptive study
• Data was collected using an 11-question Qualtrics survey which was sent to SOP students via email
• Study sample: all student pharmacists from classes P1 through P3
• All surveys submitted were anonymous

RESULTS

• 46 students took the Qualtrics survey
  o 24% P1 students; 33% P2 students; 43% P3 students
• Survey answers
  o 1 means strongly disagree
  o 2 means disagree
  o 3 means neutral
  o 4 means agree
  o 5 means strongly agree
• Limitation: the subjectivity of the survey questions and student answers

<table>
<thead>
<tr>
<th>Overall, the amount of content covered in lectures is in line with the number of questions in exams.</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2%</td>
<td>30%</td>
<td>26%</td>
<td>34%</td>
<td>4%</td>
</tr>
<tr>
<td>Overall, I felt prepared on all of the exams.</td>
<td>6%</td>
<td>23%</td>
<td>28%</td>
<td>36%</td>
<td>2%</td>
</tr>
<tr>
<td>Overall, I feel that the lecture material in my courses prepared me to perform well on exams.</td>
<td>6%</td>
<td>9%</td>
<td>36%</td>
<td>38%</td>
<td>6%</td>
</tr>
<tr>
<td>Overall, I feel that my grades have reflected my knowledge gained from courses so far this semester.</td>
<td>11%</td>
<td>23%</td>
<td>23%</td>
<td>36%</td>
<td>2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What percent of lectures did you attend? (in-person or online)</th>
<th>0%</th>
<th>2%</th>
<th>2%</th>
<th>94%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53%</td>
<td>32%</td>
<td>4%</td>
<td>9%</td>
</tr>
<tr>
<td>Overall, how many lectures felt rushed?</td>
<td>26%</td>
<td>40%</td>
<td>26%</td>
<td>6%</td>
</tr>
<tr>
<td>Overall, how many lectures lost your attention?</td>
<td>11%</td>
<td>30%</td>
<td>30%</td>
<td>21%</td>
</tr>
</tbody>
</table>

On average, how many hours do you spend studying for one exam?

<table>
<thead>
<tr>
<th>0 h</th>
<th>1-5 h</th>
<th>6-10 h</th>
<th>11+ h</th>
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</thead>
<tbody>
<tr>
<td>0%</td>
<td>6%</td>
<td>63%</td>
<td>47%</td>
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</table>

CONCLUSION

• The free response questions gave more insight on where improvement can be implemented
• Practice lectures before giving them, assure students get a break in the middle of lectures, emphasize objectives in the PowerPoint, handout that gives more direction for studying
• Recommendations on how to improve students learning by keeping them involved and present will be sent to the SOP.

REFERENCES

1. School of Pharmacy. SIUE School of Pharmacy. (n.d.). https://www.siue.edu/pharmacy/about/statistics.shtml

Student Perception of Course Lectures at SIUE School of Pharmacy
Brandon Darnell, Leah Markham, Stephanie Hunziker, PharmD, BCMTMS

RESULTS

- What percent of lectures did you attend? (in-person or online)
  - 0%: 94%
  - 2%: 2%
  - 2%: 2%
  - 53%: 53%
  - 32%: 32%
  - 4%: 4%
  - 9%: 9%

- Overall, how many lectures felt rushed?
  - 26%: 26%
  - 40%: 40%
  - 26%: 26%
  - 6%: 6%

- Overall, how many lectures lost your attention?
  - 11%: 11%
  - 30%: 30%
  - 30%: 30%
  - 21%: 21%

- On average, how many hours do you spend studying for one exam?
  - 0 h: 0%
  - 1-5 h: 6%
  - 6-10 h: 63%
  - 11+ h: 47%

- Overall, the amount of content covered in lectures is in line with the number of questions in exams.
  - 2%: 2%
  - 30%: 30%
  - 26%: 26%
  - 34%: 34%
  - 4%: 4%

- Overall, I felt prepared on all of the exams.
  - 6%: 6%
  - 23%: 23%
  - 28%: 28%
  - 36%: 36%
  - 2%: 2%

- Overall, I feel that the lecture material in my courses prepared me to perform well on exams.
  - 6%: 6%
  - 9%: 9%
  - 36%: 36%
  - 38%: 38%
  - 6%: 6%

- Overall, I feel that my grades have reflected my knowledge gained from courses so far this semester.
  - 11%: 11%
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