



# Mobile Learning: Mobile Device use Among Graduate Students

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## Background

- Mobile Learning, the use of portable electronic devices to access and share information, is revolutionizing learning and instruction.<sup>2,5</sup>
- 1.5 million iPads are being used in the public schools.<sup>3</sup>
- Colleges are integrating these devices into their curriculum.<sup>4</sup>
- Publishers are exploring ways to capitalize on tablet features to make e-textbooks more interactive.<sup>5</sup>

## Significance

- Mobile devices have been found to increase participation, group work, and productivity in undergraduate curriculum.
- There is no available research on mobile device use in graduate curricula.

## Purpose

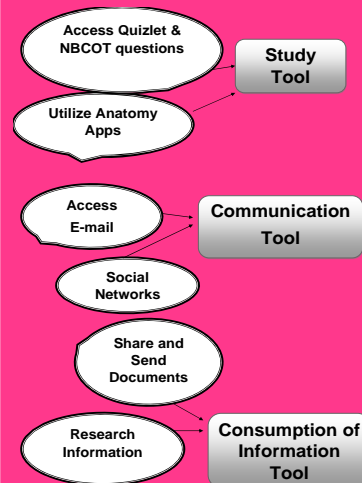
- To obtain information on mobile device use in order to enhance and support learning in a graduate program.
  - *Research questions:*
1. How many Stockton MSOT students have access to/use mobile devices?
  2. How are mobile devices used among students to enhance learning in a graduate program?

## Methodology

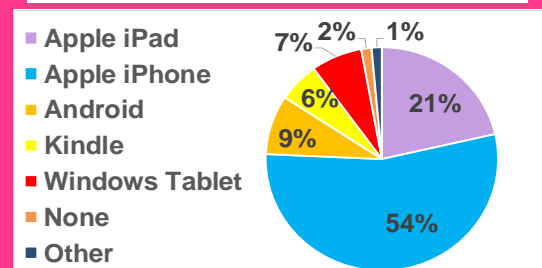
- A mixed qualitative and quantitative design.
- A survey was created to yield information regarding frequency of mobile device use and quality of use.
- Students completed a questionnaire using a Likert scale and open-ended questions.
- Sample included 39 female and 6 male students in an MSOT program

## Results

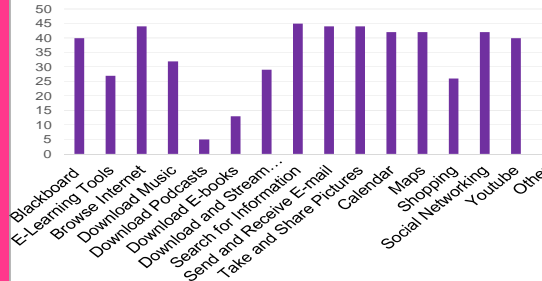
- There were no differences in mobile device use among females and males.
- There were no differences in mobile device use among different age groups.
- 91% of students reported feeling very comfortable using mobile devices.
- 97% of students reported using mobile devices multiple times a week.



Reported Mobile Device Use Among Students



How Students Use Mobile Devices



## Discussion

- Majority of students utilize mobile devices as learning tools.
- Students would like to see mobile devices integrated into the classroom to make learning competitive, interactive, and dynamic.
- Social networks are a medium for communication outside of the classroom.
- Facebook groups are used to share information, discuss class lectures, and clarify assignments.

## Future Research

- Determine the effect of these devices on academic performance.
- Does it impact self-directed learning?
- The potential applications of mobile devices in clinical settings.

## References

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