

Leveraging Mobile Devices to Support Authentic Learning

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Poll Question

- Have you ever asked students to use a mobile device (smartphone, tablet) for an assignment?
 - A. Yes
 - B. No

What is Mobile?

Mobile Devices



Virtual/Augmented/Mixed Reality



Internet of Things (IoT)



Ownership and Academic Use

Recent UCF survey of 1,181 students:

- 95% own a smartphone
- 57% own a tablet (20% increase in two years)

Student use of mobile devices for learning*

- 73% smartphones
- 45% tablet

*at least once a week

Apps for Learning

Top 5 Academic App Categories used by UCF students

1. UCF (Canvas Mobile, UCFMobile, UCF Apps)
2. Education (Quizlet, Flashcards, Pearson)
3. Books (iBooks, Coursemart, Kindle)
4. Reference (Dictionary, Wikipanion)
5. Productivity (Evernote, Dropbox, Keynote)

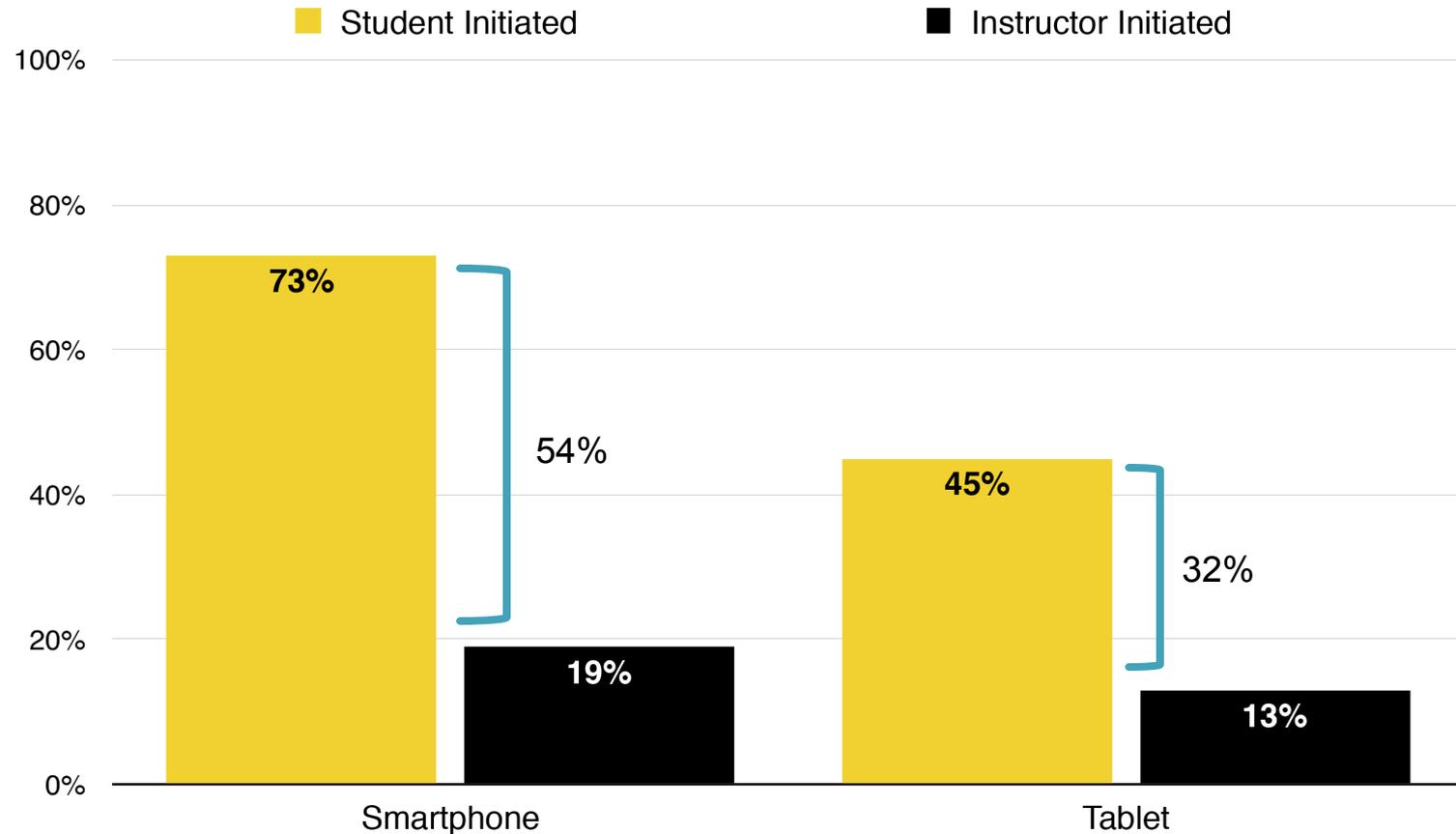
Potential of Mobile Devices

- Support authentic learning
 - Tasks that provide opportunities to connect with real-world
 - Unique to student interests
 - Create a useful product to be shared
 - Develop workforce skills

Instructor Role

“Students’ relationships with technology is complex – they recognize its value but still need guidance when it comes to better using it for academics” (Dahlstrom, Walker, & Dziuban, 2013, p. 4).

The Mobile Opportunity



Student usage to instructor requirement of devices for assignments ($N = 1,181$)

What's Your Story?

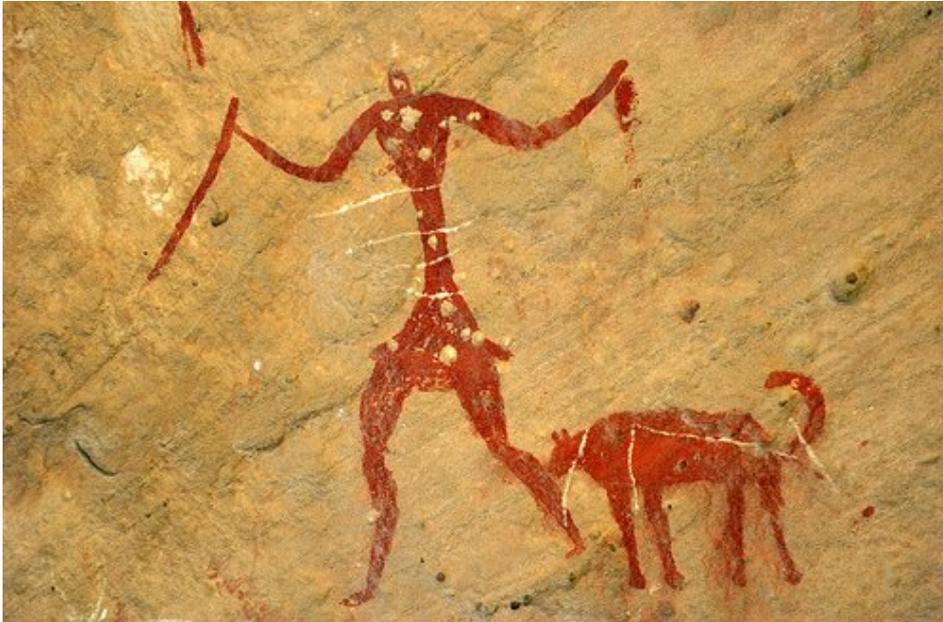


Photo credits: Blanton Museum of Art



Sarah Aslam

- Every discipline and subject area contain stories to tell – narratives that can be told visually.

My Mobile Story

Dwight Howard baptized in ocean near New Smyrna Beach

Magic center: 'It feels great, man'



Dwight Howard is baptized Sunday in the Atlantic Ocean at Bethune Beach. He was one of a group of congregants from Orlando's Summit Church who took part in the ceremony. **MAGIC CENTER'S SPECIAL TO THE ORLANDO SENTINEL / October 24, 2010**

By Rick Brunson, Orlando Sentinel

9:19 p.m. EDT, October 24, 2010

E-mail Print Share Text Size

Like Don Thompson and 4,878 others like

4880

215 tweets

1

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Magic bullish on a Dwight Howard three-peat

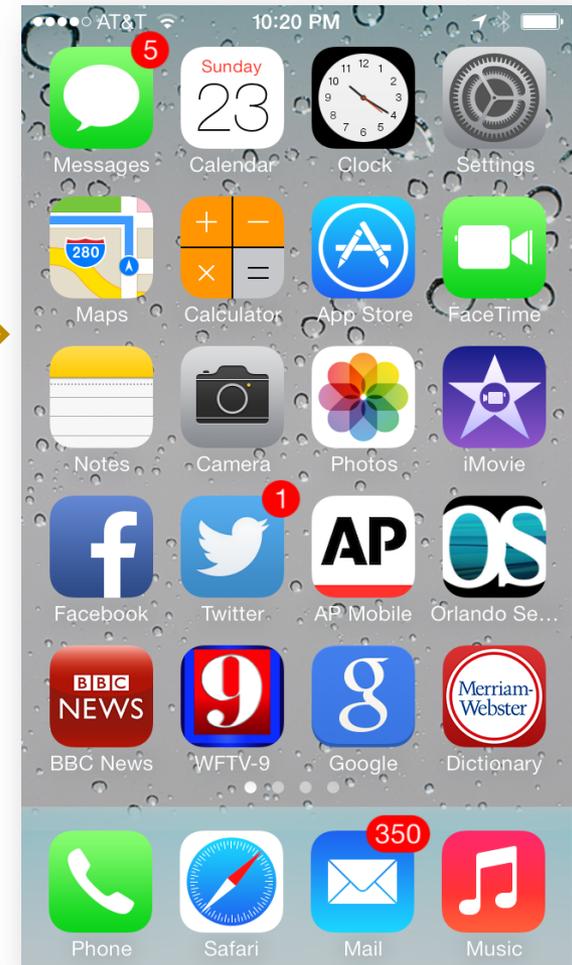
★★★★★

Orlando Magic center Dwight Howard can bring an arena full of fans to their feet with one of his powerful dunks.

But on Sunday afternoon, a crowd cheered wildly as the big man got himself dunked — into the chilly ocean waters off Bethune Beach just south of **New Smyrna Beach**. Howard was baptized, along with dozens of others, as part of a beachside service held by Orlando's Summit Church.

- Most popular news story on OS.com (28,000+ readers)
- No. 1 linked basketball story on ESPN.com
- Shared 4,880 times on Facebook

Mobile = Newsroom In Hand



- You have all the tools you need to tell visual stories in your hand.

Introduce Mobile Elements



- **News Reporting** blended course (JOU 2100). Use basic, native apps to ...
- Take notes.
- Capture audio.
- Take pictures.
- Crowdsource from the field.

- **Rebecca Males** interviews a campaign worker during SGA election.



Advanced Element: Video



- **Daniela Torres**



- **Mobile Journalism** course (JOU 4340).
- Techniques for shooting, editing and producing visual stories with photos and video.

Objectives and Assessment



- A tool students already use.
- Consumer to producer.
- Immersive learning through storytelling.
- Simple rubric (sample handout.)

Results: Employment



- **Tori Walker, student in the spring 2015 Mobile Journalism class, May 2015 graduate**



The Ledger

- “My mobile skills and mindset to think digital first are definitely what landed me the job at The Ledger.”
– **Tori Walker**, reporter, Lakeland Ledger

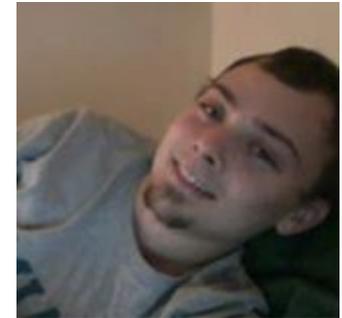
The Fire at Tivoli Apartments

 **John Kuntz**
14 hrs · Edited · 🧑

I'd like to share a video of today's scary situation.
<http://www.centralfloridafuture.com/.../2015/07/13/30071701/>
This happened right across from my apartment.
I immediately took to twitter and began capturing video and pictures. It was intense, crazy, scary, yet a great learning experience for me as a journalist and as a person: never assume your safe.
I would like to thank Rick Brunson for giving me the tools to implement what I did. As soon as it registered what was happening, I grabbed my reporter notebook and immediaty snapped some pictures. I was confident I could do this, and I knew what was expected of me. Thank you Brunson.
I'd also like to think Rachel Stuart for the help. She came in and assisted me in creating this story. It was a crazy/hectic time, but we pulled through (even though sleep might be lacking)


Video: Fire destroys Tivoli apartments near UCF
CENTRALFLORIDAFUTURE.COM

- “I would like to thank Rick Brunson for giving me the tools to implement what I did ... Thank you, Brunson.”
– **John Kuntz**



The Importance of Modeling



Section C | Wednesday, August 14, 2013

Sports Daily

Happy birthday, Tim Lincecum
It's a national holiday for Seattle Mariners pitcher Tim Lincecum today. The 32-year-old pitcher is celebrating his 32nd birthday on Wednesday. Lincecum was drafted by the Mariners in 2000 and has since become one of the most popular players in the sport.

Check out a new double
The St. Louis Cardinals have a new double play combination. The Cardinals have acquired infielder Matt Kemp from the Los Angeles Dodgers.

Tim Lincecum
Lincecum has been named the 2013 NL Cy Young Award winner. He pitched a career-high 200 innings and won 20 games for the Mariners.

FSU eases up on contract
The University of Florida has agreed to a new contract with the NFL. The contract allows the university to receive a share of the player's salary.

NASCAR needs Keselowski wins
With Matt Kenseth, Jeff Gordon and Denny Hamlin out of the mix, George Pelfrey says NASCAR needs defending champion Brad Keselowski to spice up the chase for a title.

Lacrosse star has eye on higher goal: Doctor
A lacrosse star has a new goal. The star, who is a doctor, wants to play lacrosse in the NFL. The star is currently a doctor at a hospital in Florida.

Bad-news 'Nole says baby set him straight
A lacrosse player who was injured in a game says that a baby set him straight. The player, who is a doctor, says that the baby helped him to get back on his feet.

72 Dolphins snag White House visit at last
The Miami Dolphins have been invited to the White House. The Dolphins will be invited to the White House to celebrate their 50th anniversary.



Are You Ready to Go Mobile?



- In what ways can you imagine your students using these devices for fieldwork in your discipline?
- How can you begin to practice and model that skill for them?

UCF Mobile Resources

- Mobile Essentials
- CDL Mobile Blog
- Mobile App Checklist
- M-OTTR
- Mobile Course Check

Questions?

- Seminar Resources
 - <http://dl.ucf.edu/mobile>