Using Mobile Devices at UCR
What is a mobile device?

Typically, portable and small enough to hold in the hand:

- **Smartphones**: iPhone, Android, etc.
- **Tablets**: iPad, Galaxy Tab, etc
Remember the first popular cell phones? Popular in the 90’s and 2000s. Now called ‘feature phones’:

- Phone calls, texts
- Alarm/calendar
- Camera, low quality
- Slow data
- Tiny screens
At least they were easier to use and carry than this....
Mobile devices today replicate features found in most computers:

- Upgradable operating systems
- Email
- Web browsing
- Camera, high quality
- Fast data
- Millions (literally) of apps
Smartphones

• Apple iPhone first released in 2007
• HTC Dream was the first Android, released in 2008

Tablets

• Apple iPad widely considered first tablet*, released in 2010
• Samsung released the first Android tablet, the Galaxy S in 2010
iOS and Android

What’s similar?

• Both have similar touch screens and form factors

• Both have similar interface with tapping, swiping, pinch, zoom, etc

• Similar features (calling, messaging, web, maps, etc)

• Status bar info

• Cell systems (4G, 5G, LTE, etc) and WiFi

• Extensive selection of apps
iOS and Android

What’s the difference?

• iOS:
  • Hardware and software created by Apple
  • Controlled App Store, consistent look & feel of products

• Android: Software by Google, hardware by various vendors
  • Wide variety of vendors, with different OS implementations
  • More than one App Store, more risks of malware.
What can you do with a mobile device at UCR?

Almost anything a computer can do....

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And more.....
Campus WiFi (and cellular) access

- UCR-SECURE for campus use: KB0011138*
- EDUROAM for worldwide higher ed access: KB0011080
- UCR-GUEST for guest/limited access: KB0011076

Cellular data via your provider can be used to access all campus services as well.

* go to http://kb.ucr.edu to search for the articles listed
R’Mail and O365 email access

Each option allows for email, contacts, and calendaring

- iOS - O365 email: KB0010582*
- iOS - R’Mail: KB0010591
- Android - O365 email: KB0010581
- Android - R’Mail: KB0010588
VPN access

- GlobalProtect VPN is available for both iOS and Android.
- Installation/use instructions: KB0011142
- Allows library access, secure connections, etc.
Audio/video conferencing

- Campus has standardized on Zoom for remote teaching & working
  - Zoom app is available for both iOS and Android
  - Skype, WhatsUp, etc are also available
  - iOS users use FaceTime, Android users can use Google Hangouts

Note: All participants need to use the same video chat tool
Use for MFA Authentication

- If you have MFA enabled for your account*
  - Install the Duo Mobile app and configure as per KB0010310
  - Can be used in addition to passcodes, SMS, and hardware token
Mobile Device Security

• Protect your data and access via passcode, fingerprint, etc.

• Enable encryption where possible

• Use iCloud or Google account for location services and remote wipe

• See KB0011425 for more information
These are the basics of mobile device use on campus

Questions?