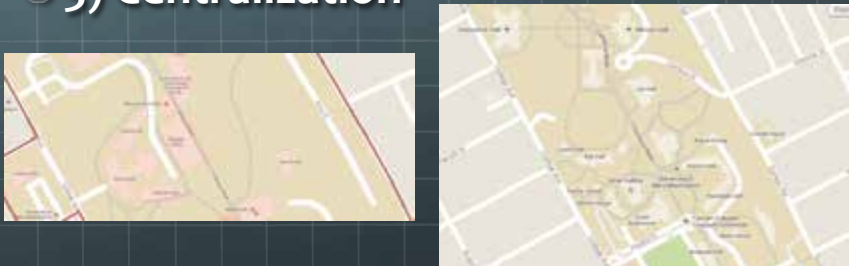


Putting UMW on the Map:

A SHORT UPDATE ON THE UPDATES

Goals

- 1) Usability
- 2) Mobile accessibility
- 3) Centralization



Let's Briefly Explore

- 🌐 <https://www.google.com/maps/@38.3034464,-77.4746994,17z>
- 🌐 If only we had screenshots from a month ago...

Google Maps & Usability

- 🌐 How do we achieve goals?
 - 🌐 Various footpath networks allow on campus directions, even from a handheld device
 - 🌐 Brought in from Geography Department
 - 🌐 KML Overlay from topology dataset
- 🌐 Google Maps is basically crowdsourced
 - 🌐 Updates can be seen by everyone
 - 🌐 It's the foundation for our work

Mapping Usability Examples

UMW Campus Map (Google Maps)

Walking Directions Map (Google Maps)

Snapshot of Walking Directions from James Farmer Bust to DuPont Hall

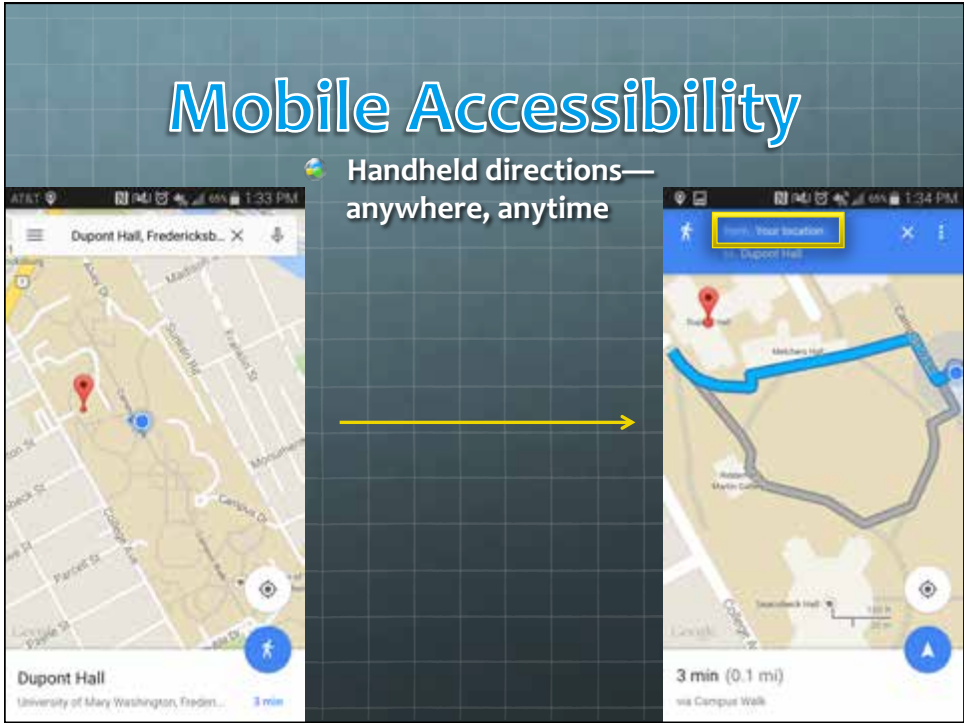
Specialized Maps

Parking Locations (MyMaps)

On Campus Food Vendors (MyMaps)

Mobile Accessibility

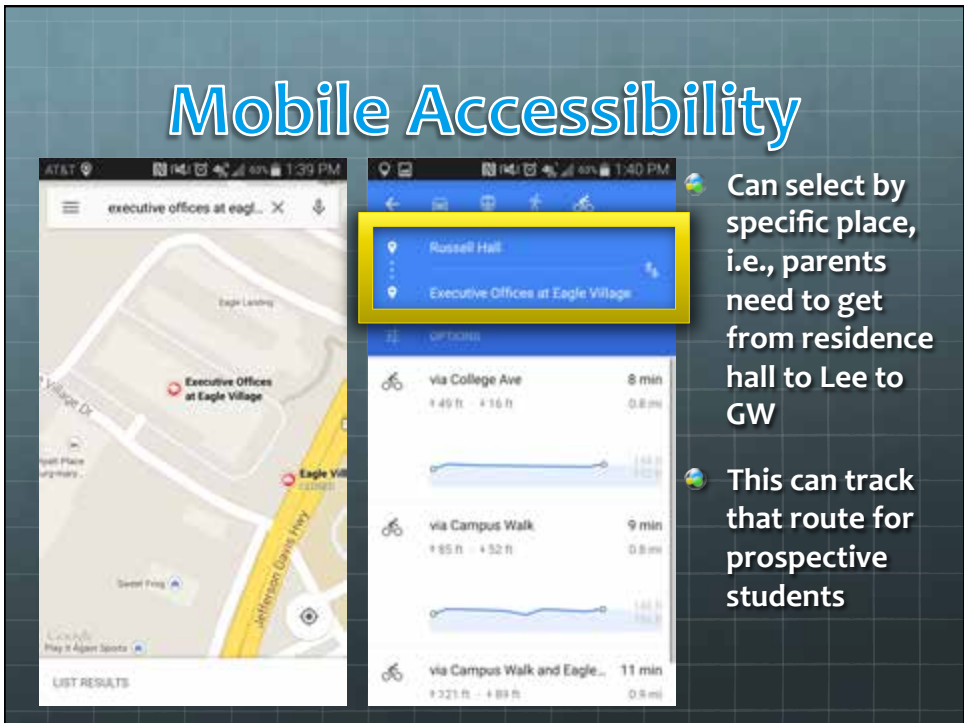
Handheld directions—
anywhere, anytime



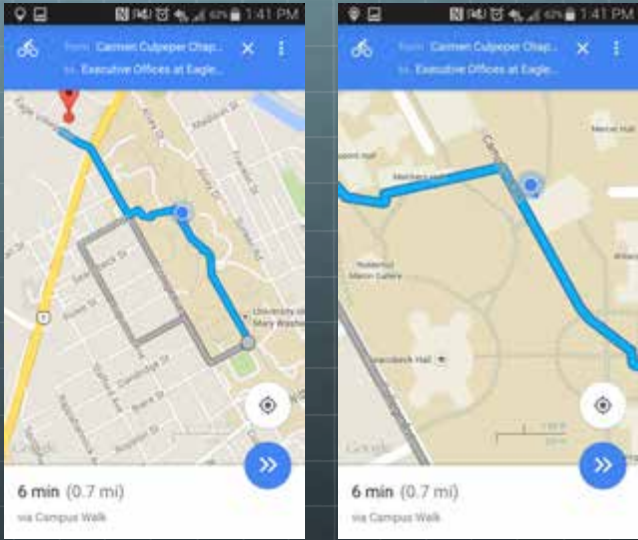
Mobile Accessibility

Can select by specific place, i.e., parents need to get from residence hall to Lee to GW

This can track that route for prospective students




Mobile Accessibility




- 🌐 Note the stair avoidance
- 🌐 Multiple routes

Pitfalls and Hurdles

- 🌐 *Flash! Whoa-oh... savior of the universe!*
 - 🌐 Google Forums
 - 🌐 (Un)usability of Google directions
 - 🌐 Must type in whole name
- 🌐 How to host the maps
 - 🌐 WordPress apps; Google embed; nothing is perfect for what we want
- 🌐 Accessibility, malleability, usability; impeded by things out of our control, must adjust





Gregg Gordon (Flash)
Attends University of British Columbia
 Lives in Abbotsford, BC

Results and Plans

- So far, we have accomplished:
 - A complete overhaul of the Google Map for UMW's campus
 - Created a few custom maps of campus
- We would like to:
 - Using new app (Timely), associate all campus events with a central calendar and venue data
 - Parking help!