

Institute for Advanced Analytics

Program Orientation



Faculty and Staff Introductions



Datawatch Cards

Each student will receive a Datawatch Card that provides access to the Institute's current facilities at 901 Main Campus Drive. During the remainder of the program, you will have access to the Institute during the following hours:

First Floor: 7:00am - midnight M - F, 9:00am - 9:00pm Sat - Sun

Second Floor: 7:45am - 5:45pm M - F, closed Sat - Sun

Other study spaces available on campus:

- Centennial Campus' Hunt Library
- DH Hill Library on Main Campus
- Talley Student Union



Access to the building and Institute's offices is for IAA students only. Please do not bring guests after normal business hours. After hours access may be revoked for all if one abuses privileges.



If you lose your Datawatch Card, you must report the loss to iaa@help.ncsu.edu immediately to have it deactivated and replaced. **Replacement charge is \$25.00.**

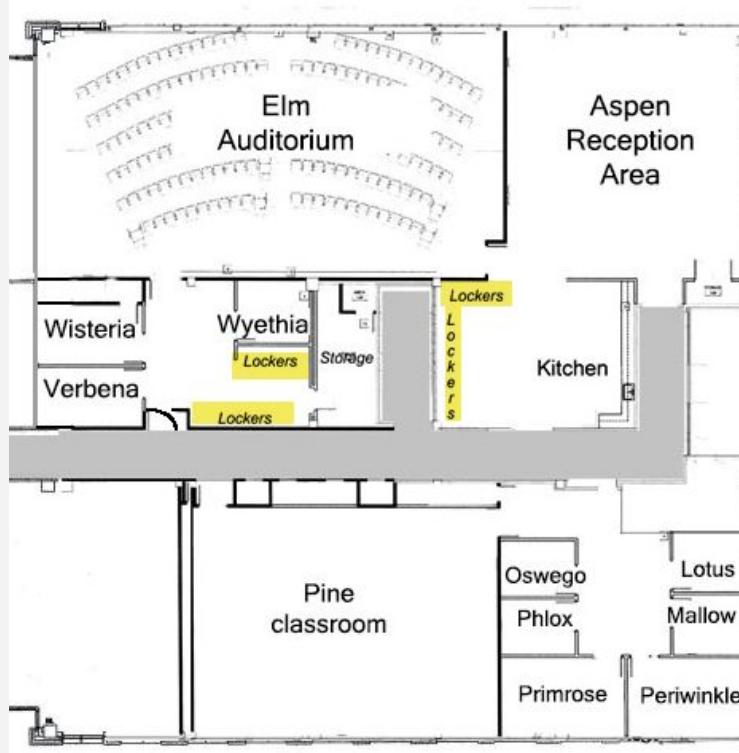
If you have purchased Alliance Deck parking, your Datawatch card is also used for gate access. Do not allow others to use your Datawatch card for the parking deck or Alliance building.

Keep your Datawatch card with you 24/7. Do not carry your card in your wallet or with your NC State ID Card.



Locker Keys

The Institute provides lockers, with keys, to students for temporary storage of personal belongings.





The Institute is not responsible for any personal property left in or missing from lockers. Please secure your locker key at all times.

If locker key is lost, please notify iaa@help.ncsu.edu immediately.
Replacement charge is \$10.00.

In the interest of safety, the Institute reserves the right to inspect lockers at any time. No switching of lockers is permitted.



Datawatch card and locker key must be returned prior to graduation. Failure to return items or pay the lost item fee will result in a hold on your diploma.





THE
INSTITUTE FOR
ADVANCED ANALYTICS



Program Structure and Curriculum

MASTER OF SCIENCE IN ANALYTICS



Course Catalog: North Carolina Stat X +

← → C ⌂ ⌂ https://webappprd.acs.ncsu.edu/php/coursecat/directory.php#course-search ☆

Course Catalog

Class Search

Step 1: Choose Career (optional)

Academic Career

Graduate

Step 2: Choose Search Criteria

Search by subject:

Browse ▾ AA - Advanced Ana

- OR -

Search Results

- AA 500 - Analytics Tools and Techniques
- AA 501 - Analytics Foundations
- AA 502 - Analytics Methods and Applications I
- AA 503 - Analytics Methods and Applications II
- AA 504 - Analytics Practicum I
- AA 505 - Analytics Practicum II

Summer - 6 credits

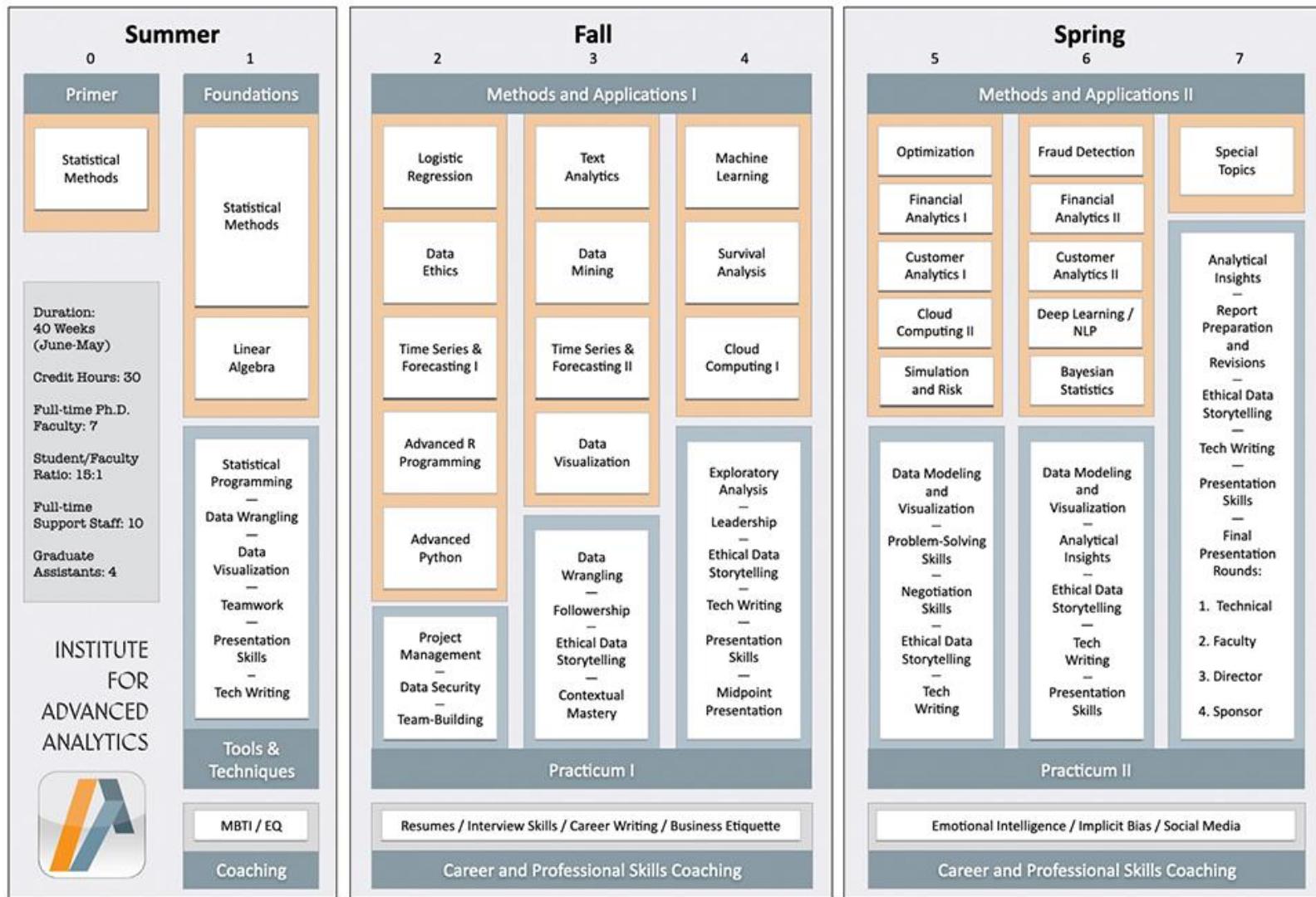
Fall - 12 credits

Spring 12 credits

30 credit non-thesis Master of Science in Analytics



MASTER OF SCIENCE IN ANALYTICS





Fall 2, Fall 3, and Spring 1
are all difficult but for
different reasons.



Fall 2 contains a lot of
projects and
presentations,
Fall 3 consists of
practicum preparation for
midpoint, and
Spring 1 is the heat of the
job hunt.



COHORT/TEAMS

Blue Cohort – 1st floor classroom – Pine
Orange Cohort – 2nd floor classroom – Oak

Practicum Team

- same people, assigned roles

Homework Team

- random, rotates, lead role

AA500 Moodle lists your Cohort & Teams



Practicum Project



SUMMER TEAMS

MSA'24	SUMMER ORANGE Team				
Orange 1	Ballington, Jacob	Chemmanam, Becca	Higginbotham, Logan	Holmes, Blake	Ishaque, Zakia
Orange 2	Baker, Parker	Chen, Eric	Dibilio, Marissa	Paintal, Anjali	Southward, Tyler
Orange 3	Epega, Jaiye	Hurst, Luca	Manoj Kumar, Nithya	Tummallapalli, Anusha	Wagner, Owen
Orange 4	Bak, Cinoon	McIntosh, Kathryn	Nasruddin, Nabeel	Vann, Ashley	Williams, Henry
Orange 5	Malesky, Tessa	Nanugonda, TJ	Rebollar, Carlos	Roach, John	Shen, Lu
Orange 6	Garcia, Bartola	Lee, Tae	Mook, Casey	Nickels, Lisa	O'Donnell, Kevin
Orange 7	Gillie, Shaun	Lee, Jin	Planchon, Emi	Saravitz, Andrea	Gattamaneni, Pooja
Orange 8	Lecca, Lillian	Matuska, Skyler	Su, Gloria	Swann, Davis	Turner, Raiford
Orange 9	Marrotta, Rena	Meng, Teresa	Potorti, Zane	Spehlmann, Max	Wear, Salem
Orange 10	Warren, Eason	Wells, Shannon	Yanez, Tobi	Yang, Sarah	

MSA'24	SUMMER BLUE TEAM					
Blue 11	Barnabei, Joseph	Blankenbeckler, Grant	Burnette, Andrew	Deepak, Deeya	Su, Khine Thant	
Blue 12	Baker, Edward	Bonesteel, Jonah	Chen, Yang	Gray, Sophia	Lai, Yi-Chun	
Blue 13	Brown, John	Chauhan, Vishali	Dotson, Sam	Haithcock, Madison	Kandukuri, Aditya	
Blue 14	Arellano, Marco	Brewster, Omry	Gasdaska, Angela	Harris, Andrew	Lin, Jon	
Blue 15	Buelna, Andrew	Evans, Violet	Her, Eason	Hicks, Carlotta		
Blue 16	Cooper, Josh	Davenport, Amelia	Emeh-Festus, Ngozi	Epstein, Myles	Herrera, Alex	
Blue 17	Flickinger, Maddy	Foraker, Evie	Heah, Adil	Jaramillo, Daniel	Patel, Kush	
Blue 18	Chen, Michelle	Hartzell, Jake	Hicks, Nick	Wang, Harper	Kelly, Mike	
Blue 19	Castillo, Carlos	Farr, Tyler	Hoyt, Jayne	Mabe, Lizzie	Ta, Danny	
Blue 20	Goldstaub, Alex	Kasam, Manisha	Loch, Sam	Ma, Sophia	Wagner, TJ	



Important Dates

**June 29: Get Summer Practicum
Project Assignment**

July 5: Practicum Overview

September 25-26: Practicum Kickoff

CLASS SCHEDULE

Google Calendar

Check the actual blue/orange

Changes are inevitable



Time Management



I found it very helpful to be able to **look ahead to the next few weeks** and understand how I was going to have to manage my time to get all of the work done.

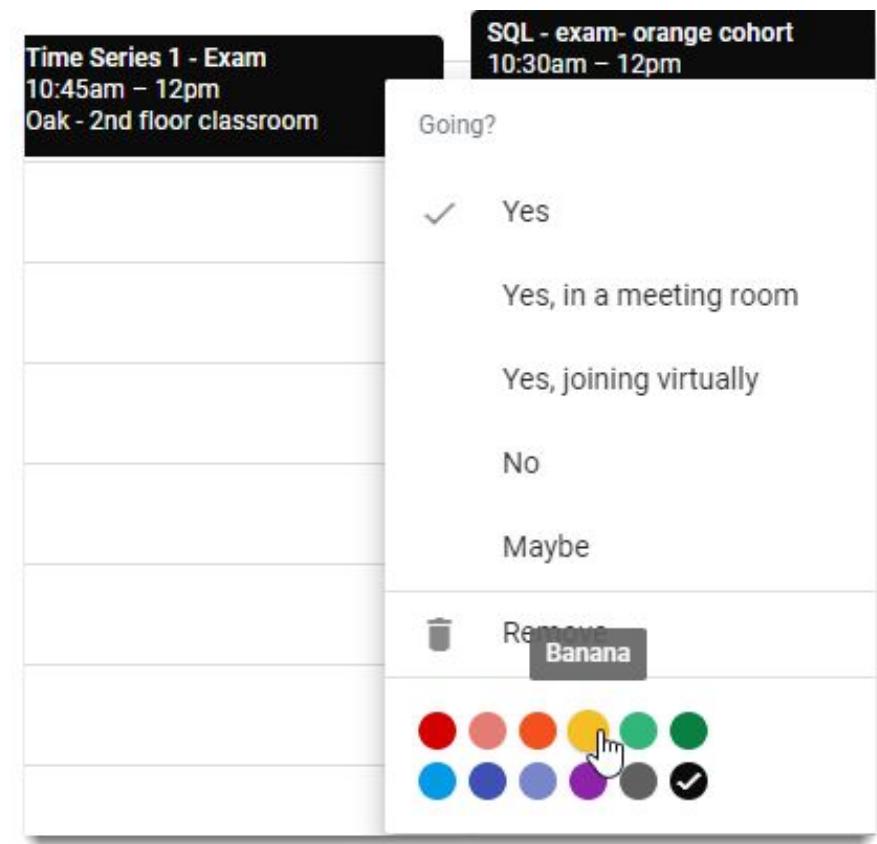
While a lot of the work is **individual in the summer**, this is complicated by the fact that so much of what you'll be working on in the **Fall is teamwork**.

PRO TIPS FOR TIME MANAGEMENT



- Calendar

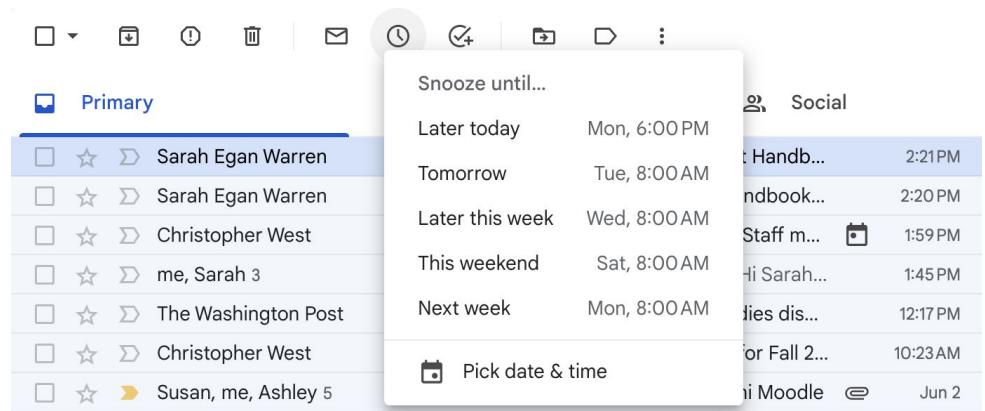
- Personal reminder events or blocked off time
- Notifications - up to 4 weeks
- Event Color Changes
- Sharing Calendar w/ team



PRO TIPS FOR TIME MANAGEMENT



- Gmail Snooze
 - to any date and time



- Tasks & Digital Notetaking Apps
 - Google Tasks
 - OneNote



Wolfware // Moodle



In site navigation

Access the dashboard

Click to close course index and easy course navigation

NC STATE WolfWare Dashboard My courses Intelliboard

WELCOME TO ANALYTICS TOOLS & TECHNIQUES

MSA 2024 Student Handbook

Class Recordings in Panopto

MSA 2024 Summer Teams

Blue Seating Chart [Pine classroom - 1st floor]
UPDATED

Orange Seating Chart [Oak classroom - 2nd floor]

AA500-MSA23 Syllabus

Zoom Resources

Analytics Foundations:
Analytics Methods &
Applications 1 (link to
AA501 Moodle Page)

Course Participants Grades

WELCOME TO ANALYTICS TOOLS & TECHNIQUES

Resources

- MSA 2024 Student Handbook
- Class Recordings in Panopto
- MSA 2024 Summer Teams



Calendar

Month ▾ All courses ▾

New event

◀ May

July ▶

June 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23 Rules Meme Assignment ORIENTATION is ...	24	25 R Programming - Lab 1 opens R Programming - Lab 1 closes
26 R Programming - Lab 2 opens Lab 1: Check-out opens R Programming - Lab 2 closes Lab 1: Check-out closes	27 Lab 2: Check Out opens R Programming - Lab 3 opens R Programming - Lab 3 closes Lab 2: Check Out closes	28 Lab 3: Check-Out opens R Programming - Lab 4 opens R Programming - Lab 4 closes Lab 3: Check-Out closes	29 Lab 4: Check-Out opens Lab 4: Check-Out closes	30		

Import or export calendars

Import or export calendars

Imported calendars

No calendar subscriptions yet. Do you want to [Import an external calendar?](#)

[Import calendar](#) [Export calendar](#)



Option 1



Export calendar

The calendar URL provides a dynamic link for importing events into other calendars. Any new, changed or deleted events in the source calendar **will** be reflected in the other calendars.

The calendar export allows you to create a backup copy of events, which may be imported into other calendars. Updates made in the source calendar **will not** be reflected in the other calendars.

Events to export

- All events
- Events related to categories
- Events related to courses
- Events related to groups
- My personal events

Time period

- This week
- This month
- Recent and next 60 days
- Custom range (05/31/23 - 06/4/24)

[Get calendar URL](#)

[Export](#)

! Required

- IAA-Visitor Calend
- MSA - Blue Team
- MSA - Orange Tea
- Reminders
- Staff Vacation/Le
- Tasks
- Todoist

Other calendars

Admissions Calendar

- Subscribe to calendar
- Create new calendar
- Browse resources
- Browse calendars of interest
- From URL** ←
- Import

Option 2



Export calendar

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[Get calendar URL](#)

[Export](#)

! Required

IAA-Visitor Calend

MSA - Blue Team

MSA - Orange Team

Reminders

Staff Vacation/Lea

Tasks

Todoist

Other calendars

Admissions Calendar

Subscribe to calendar

Create new calendar

Browse resources

Browse calendars of interest

From URL

Import





Open block drawer

AA 500 (001) Summer II 2023 Analytics Tools and Techniques

Course Settings Participants Grades Reports More ▾

Calendar



June 2023						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Full calendar

Import or export calendars

Upcoming events



- Rules Meme Assignment ...
Friday, June 23, 5:00 PM
- R Programming - Lab 1 o...
Monday, June 26, 8:00 AM

Activities



Assignments

External tools

Forums

Quizzes

Resources

Panopto



All of your recorded classes and any webcasts will be accessible thru Moodle and delivered using Panopto.

MSA 2024 Panopto Content

IAA Class of 2024



Sort by: Name Duration Date ▾





What are your Questions?

- Official courses [AA500-AA505]
- Trimesters [Fall 1,2,3 & Spring 1,2,3]
- Modules
- Cohorts
- Teams [Homework - Practicum]
- Calendar [Blue & Orange]
- Time Management
- Wolfware/Moodle [all course content]
- Panopto [recordings]



ACCOMMODATIONS

HELP IS AVAILABLE, BUT YOU MUST ASK



Disabilities & Accommodations

Reasonable accommodations will be made for students with verifiable disabilities.

In order to receive accommodations, students must register with

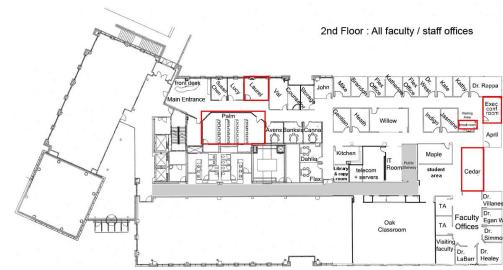
Disability Services for Students
Student Health Services Building
2815 Cates Avenue, Suite 2221
Campus Box 7509
Raleigh, NC 27695-7509
919-515-7653

For more information on NC State's policy, please see:
<http://policies.ncsu.edu/regulation/reg-02-20-01>

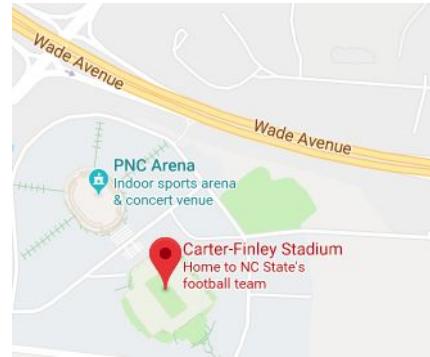
SEATING



- Seating is rotated at the beginning of each trimester and posted to Moodle.
 - If you have specific seating requirements
 - Make your request by email to schen34@ncsu.edu

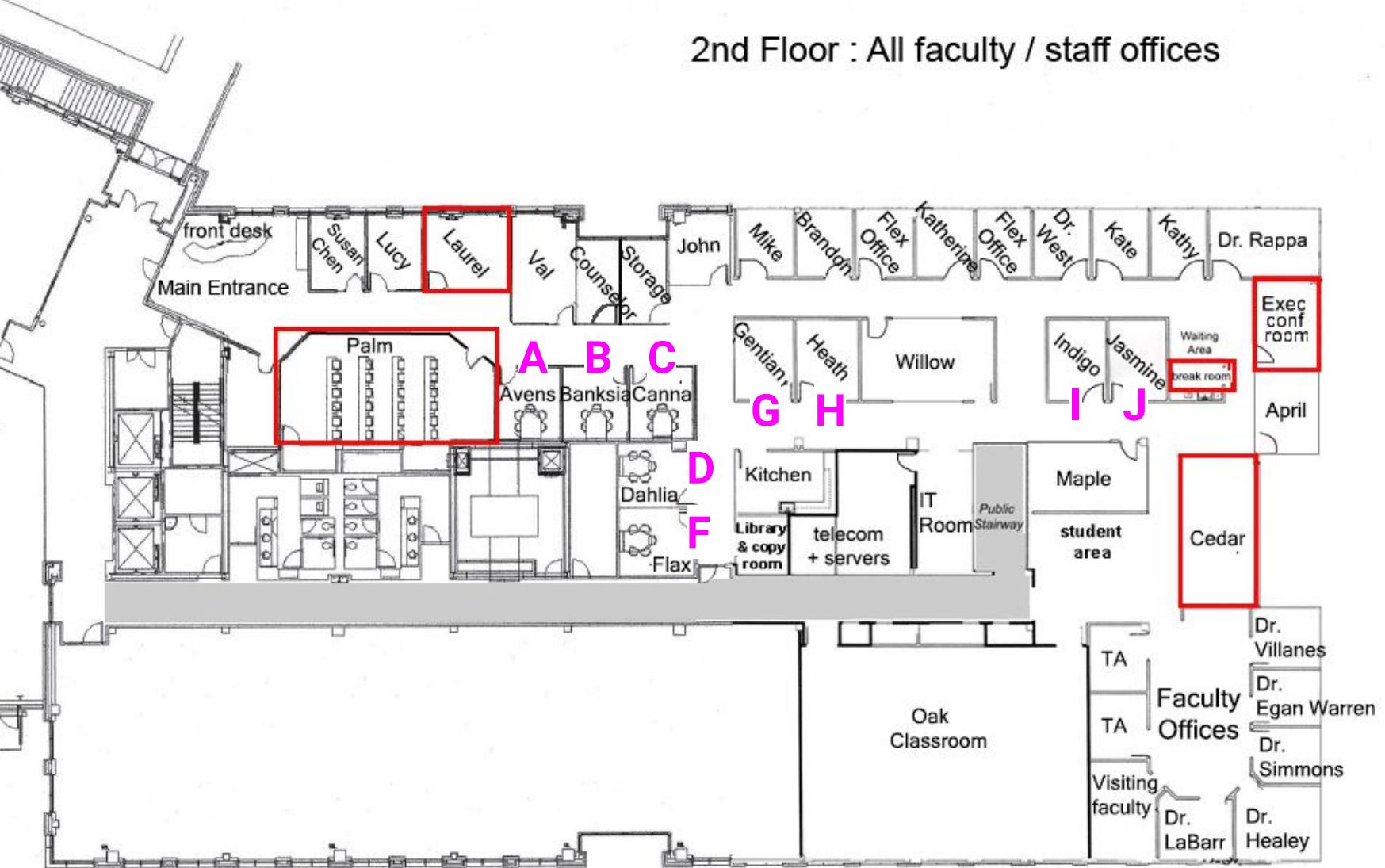


Where is it ?

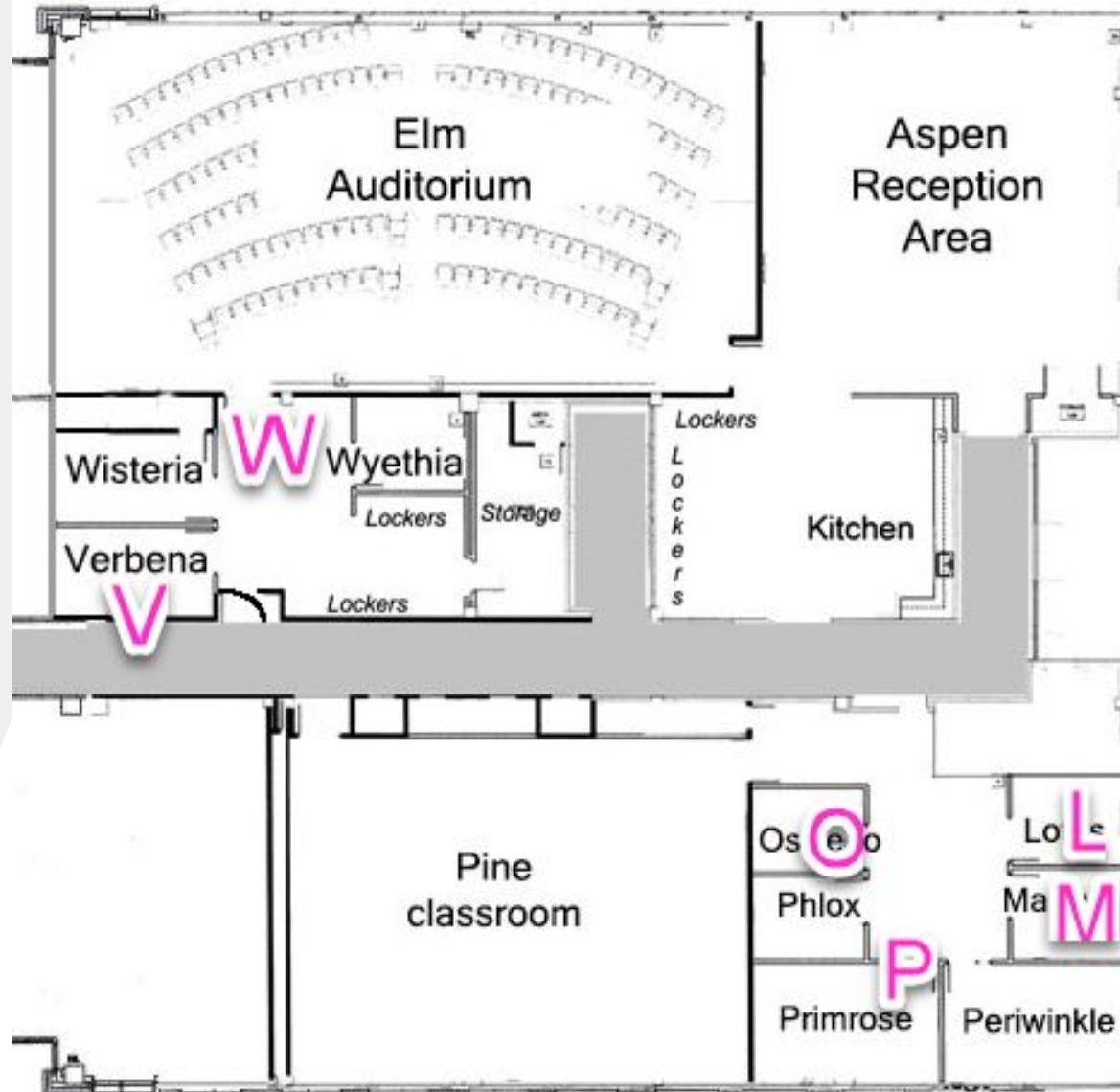




2nd Floor : All faculty / staff offices

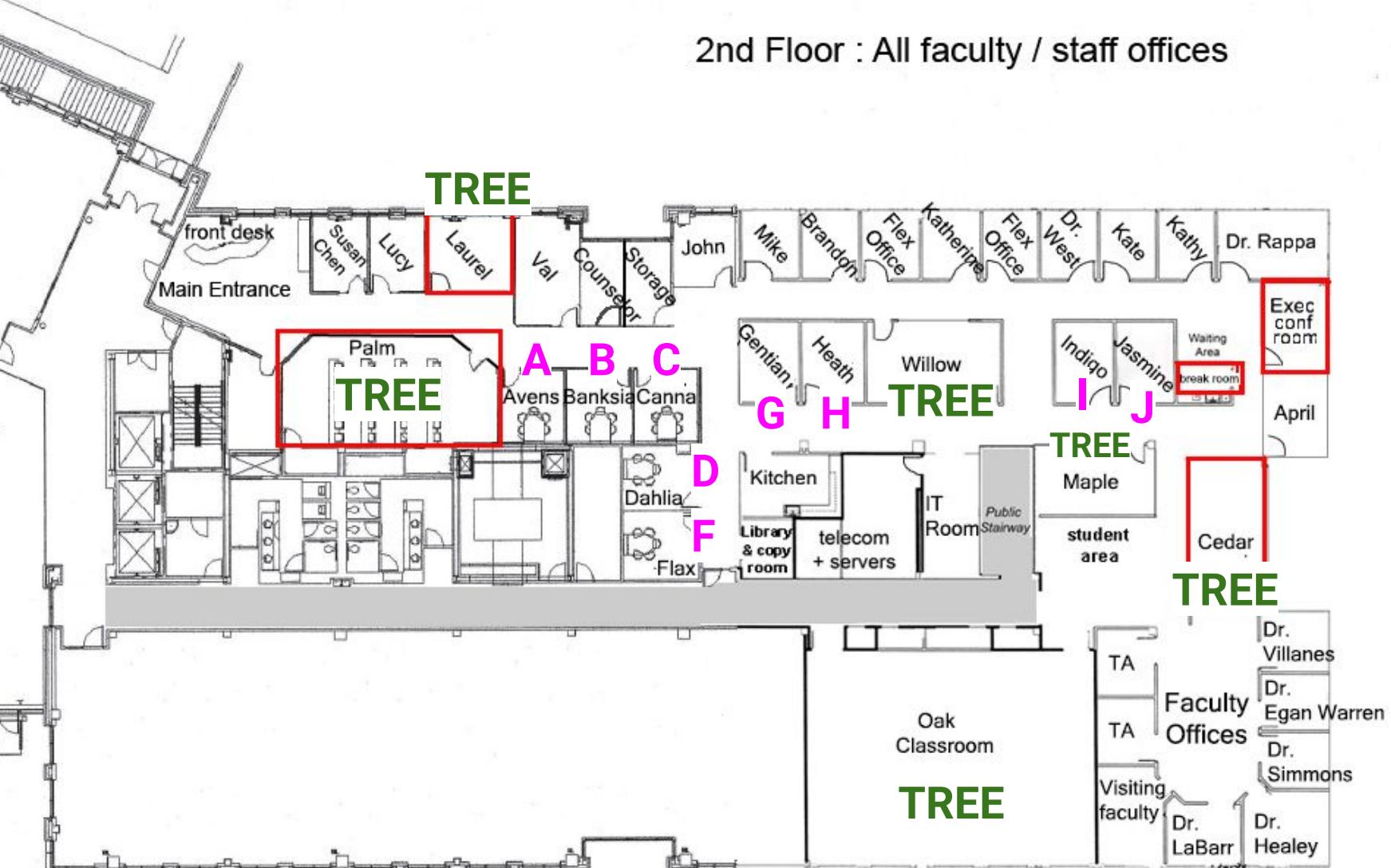


On L you go to LOWER floor



L-Z on Lower floor

2nd Floor : All faculty / staff offices



Larger rooms are named after trees
You can use, but not schedule

No Eating in ELM

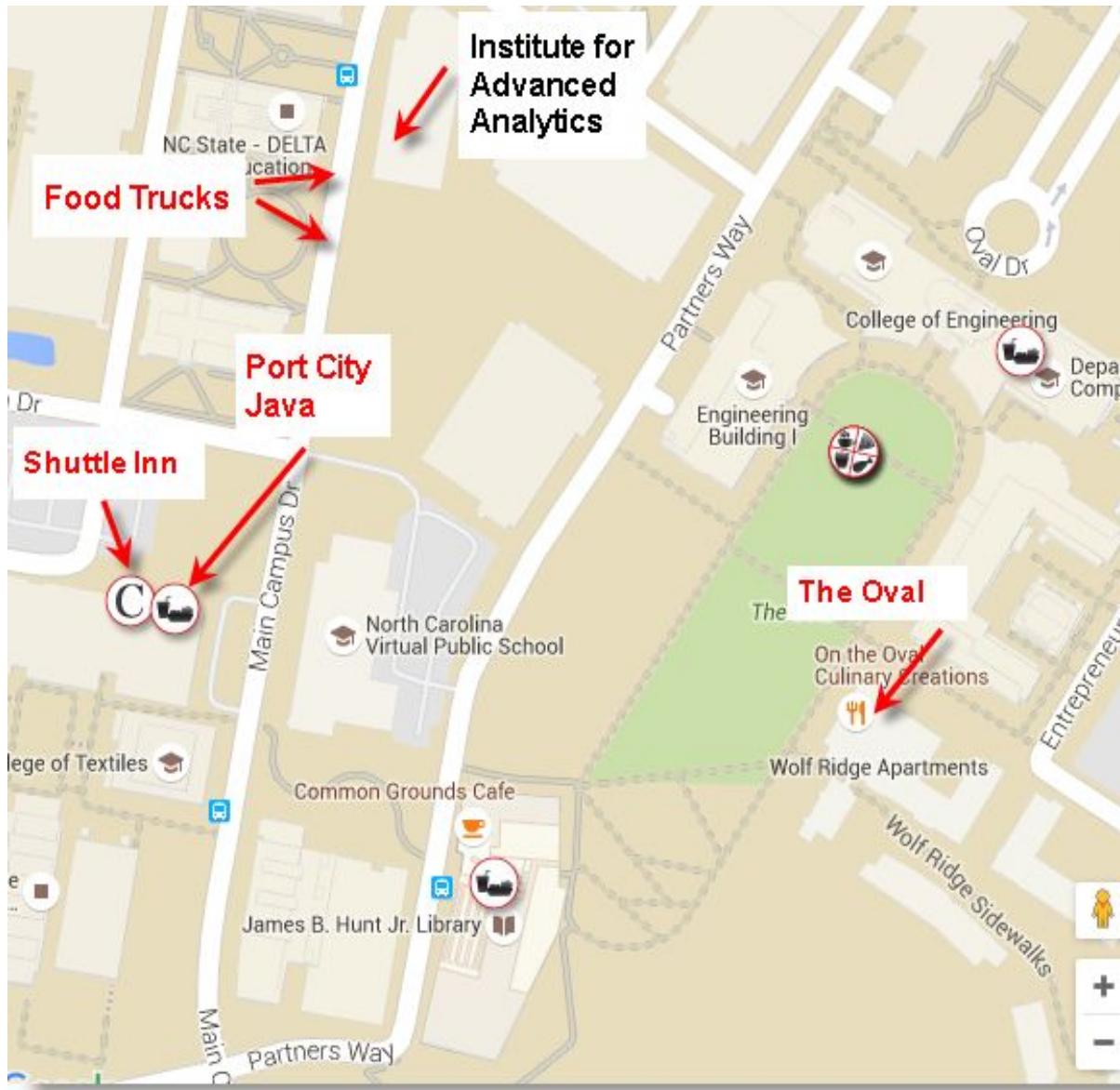
No Eating on soft furniture



Only covered drinks in ELM!!



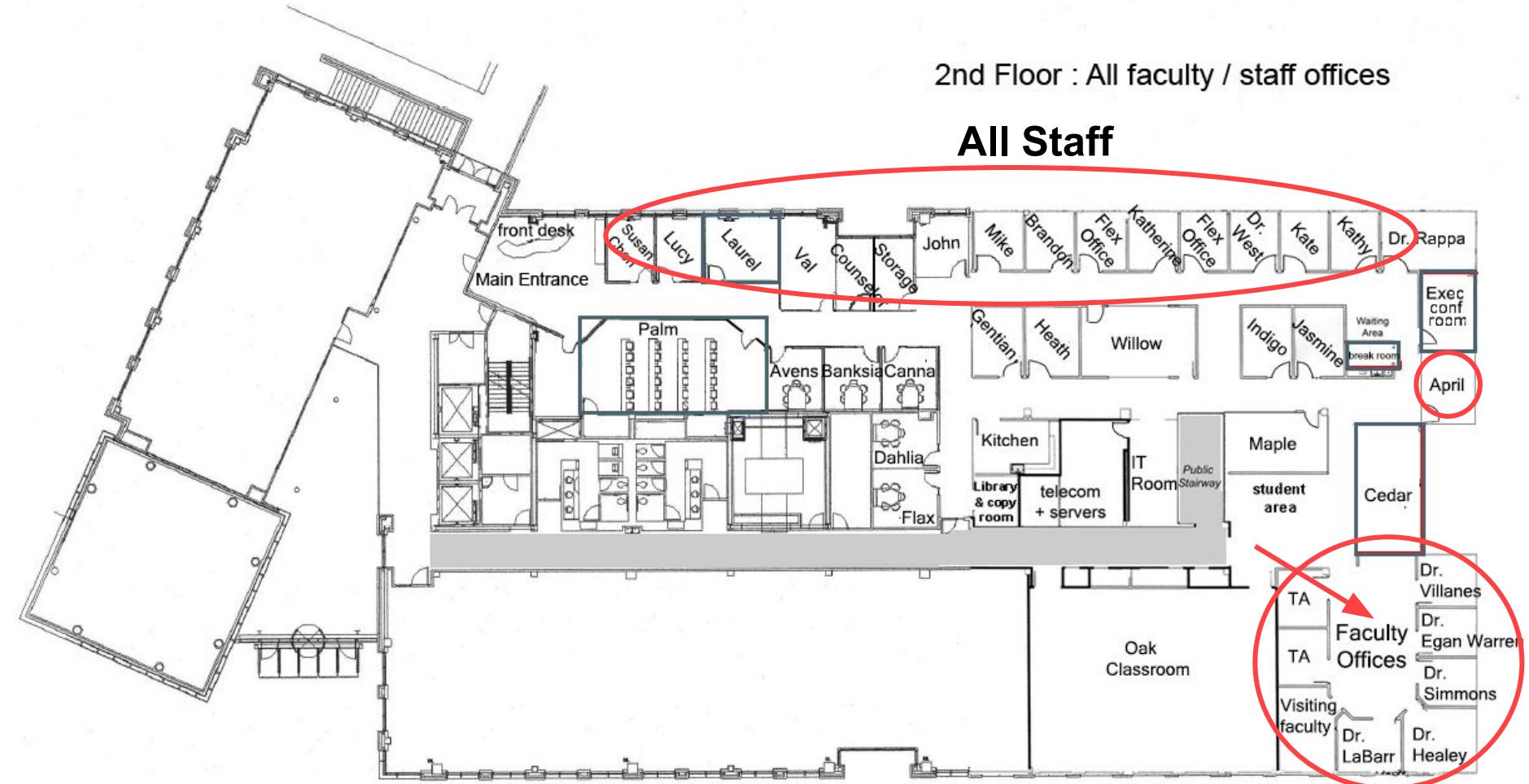
Lunch





2nd Floor : All faculty / staff offices

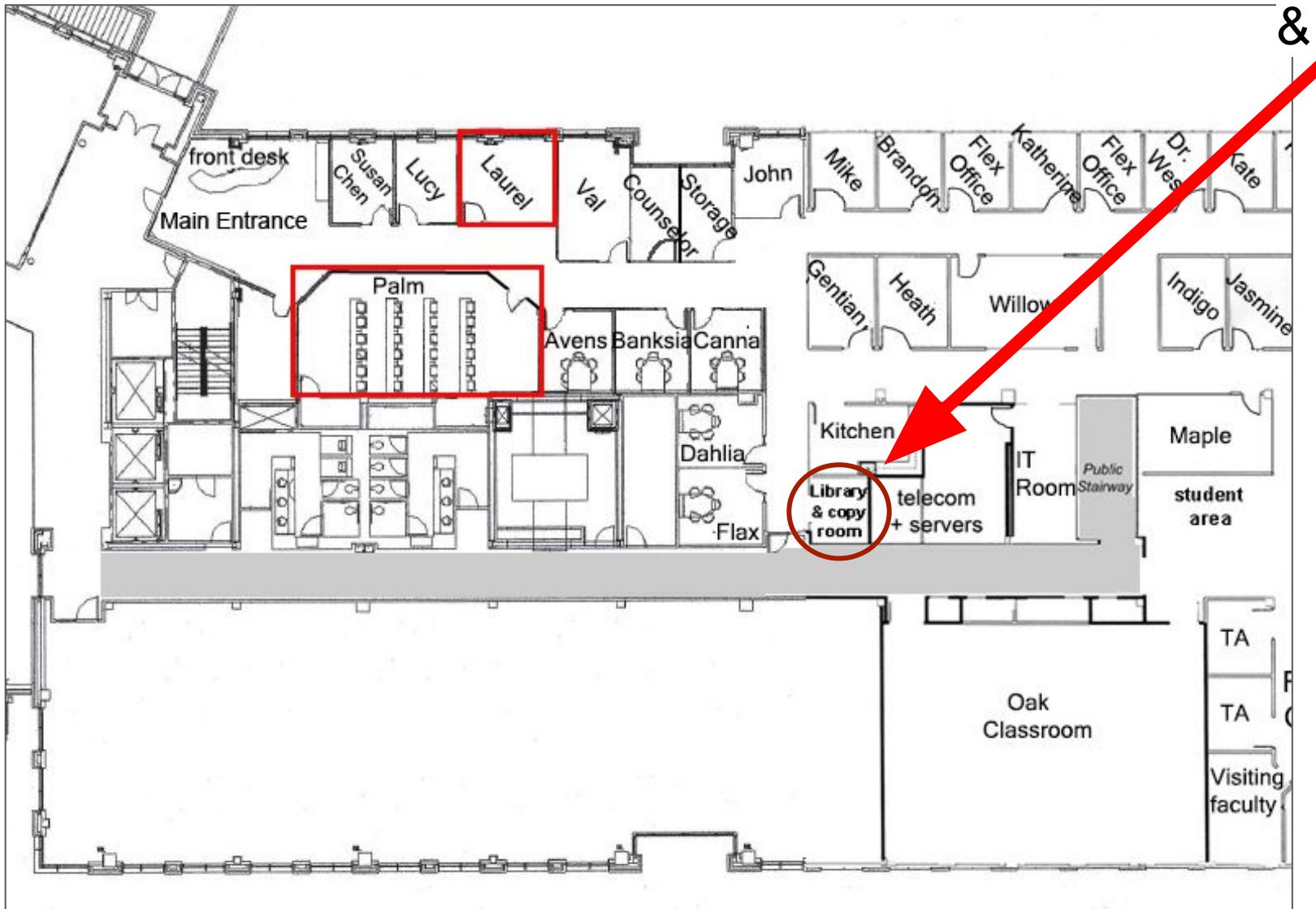
All Staff



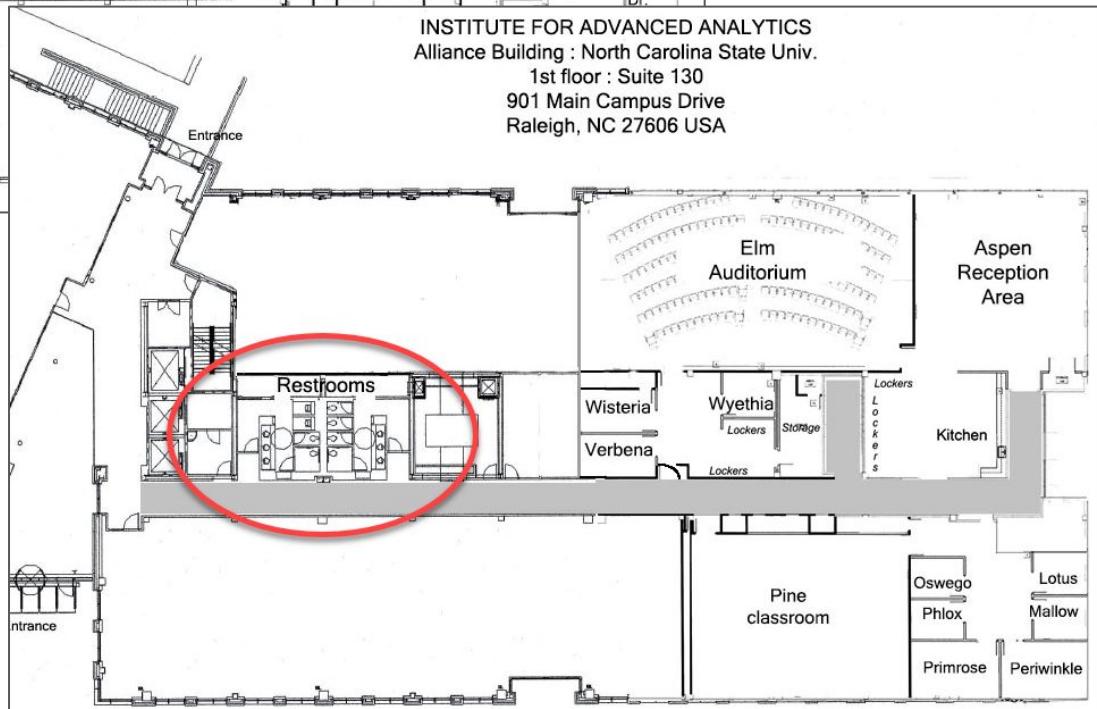
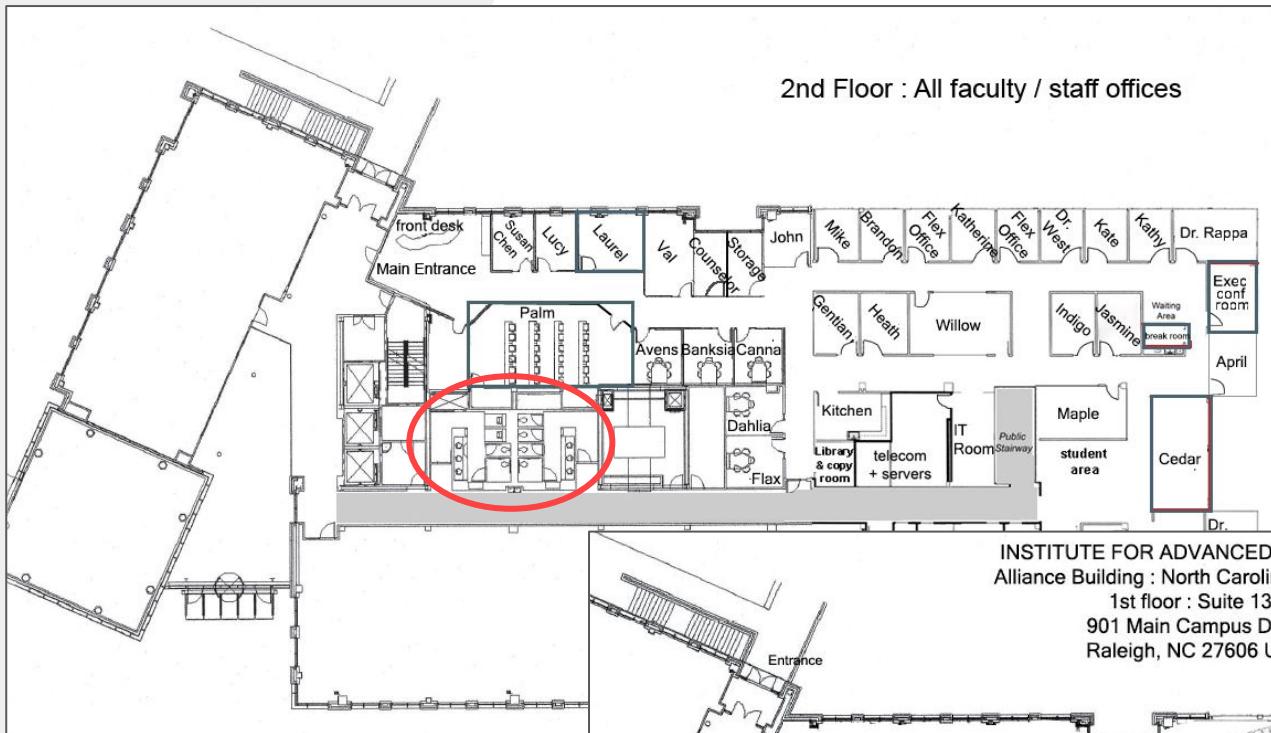
Library & Printer



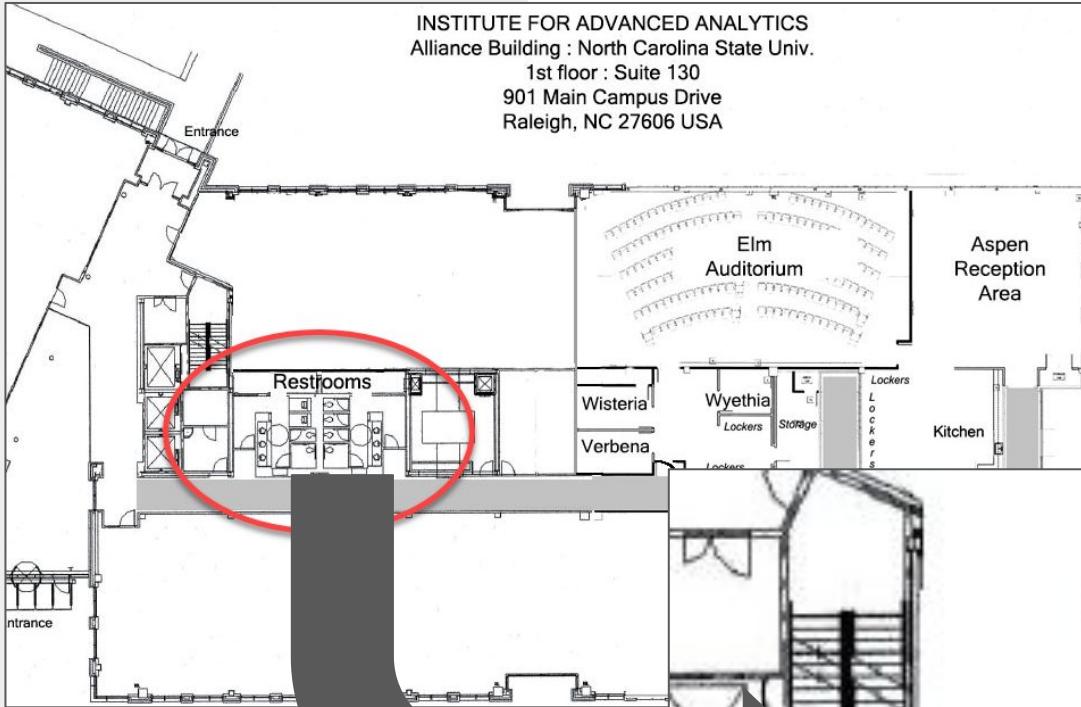
IAA Library
& Printer



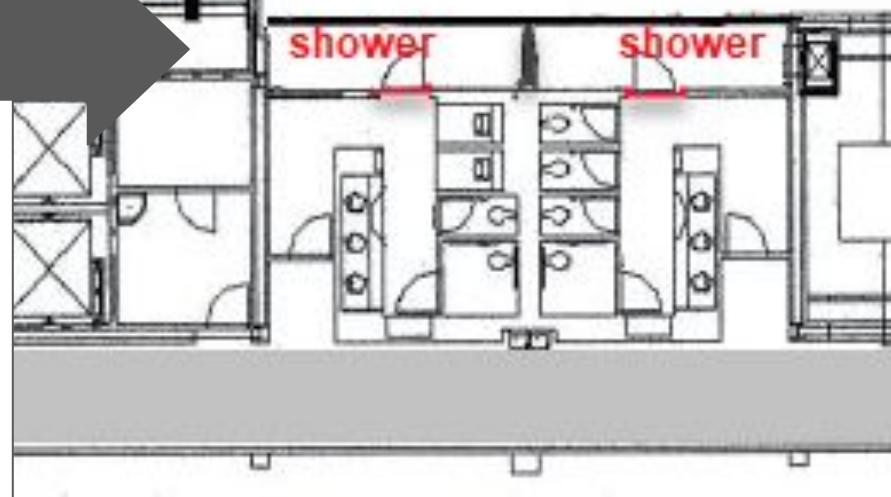
Restrooms



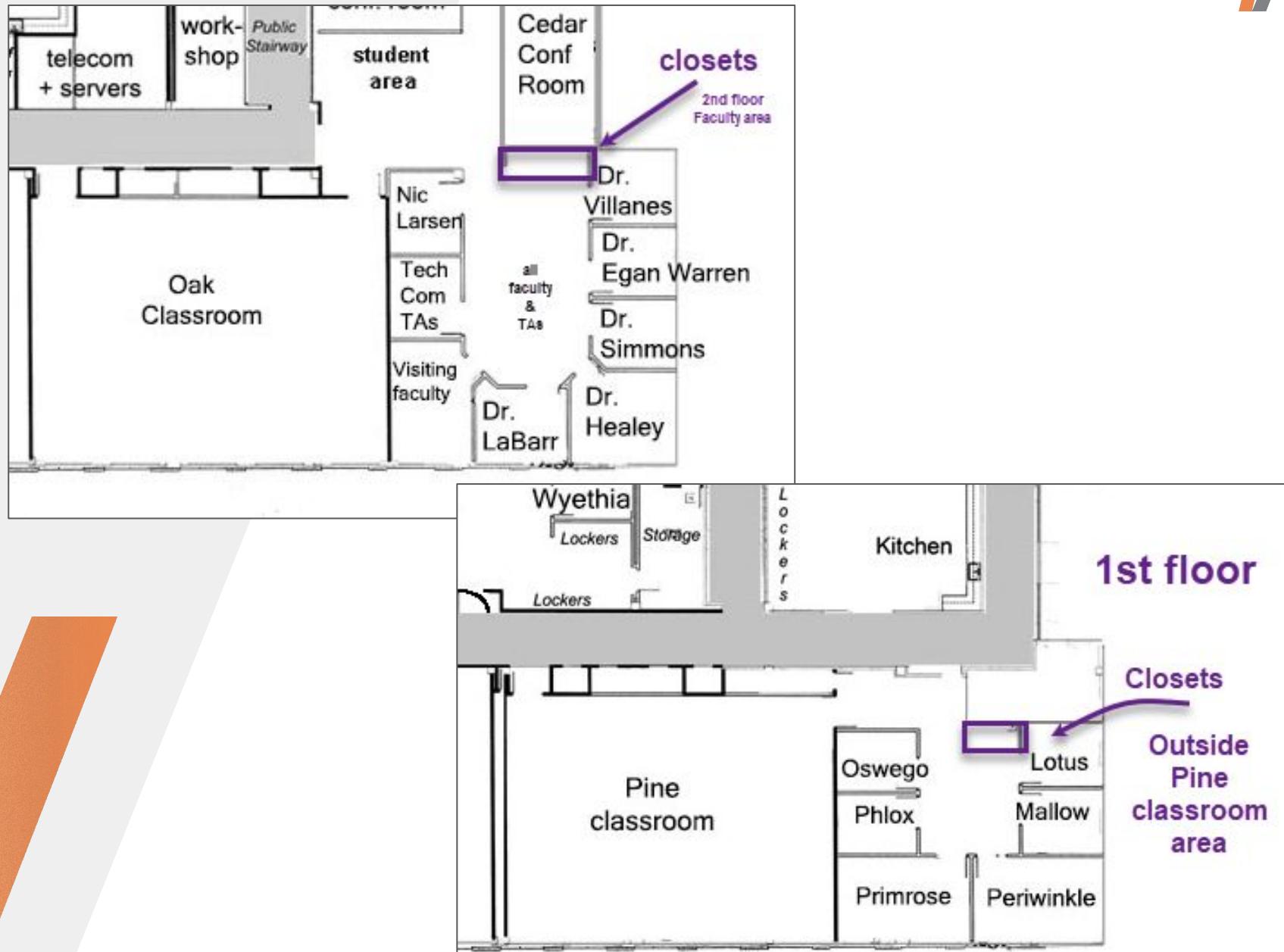
Restrooms-showers



1st floor
restrooms



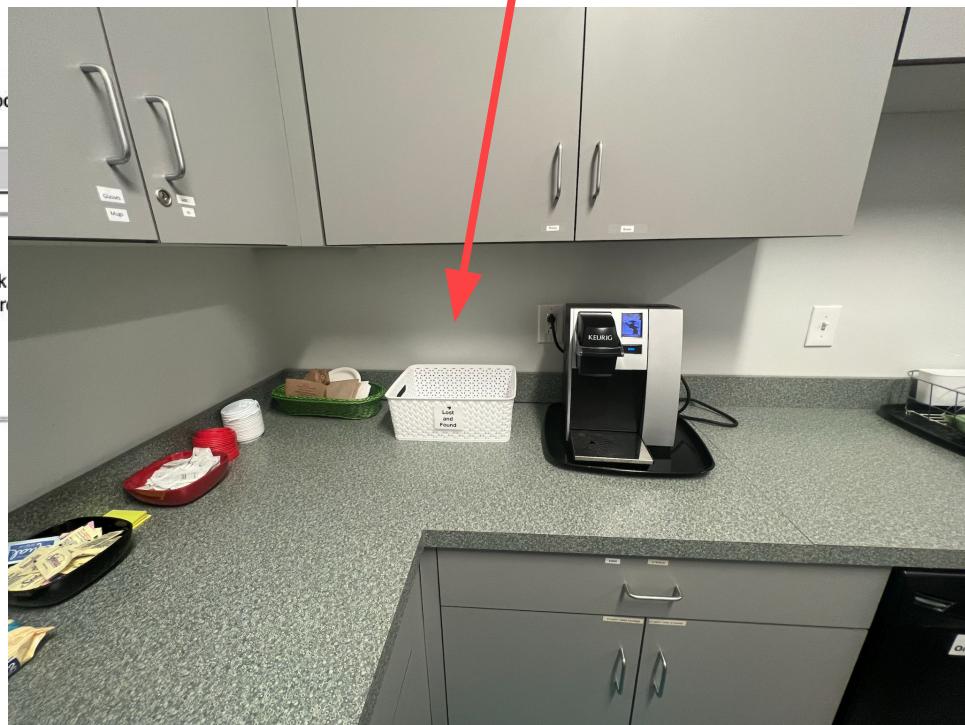
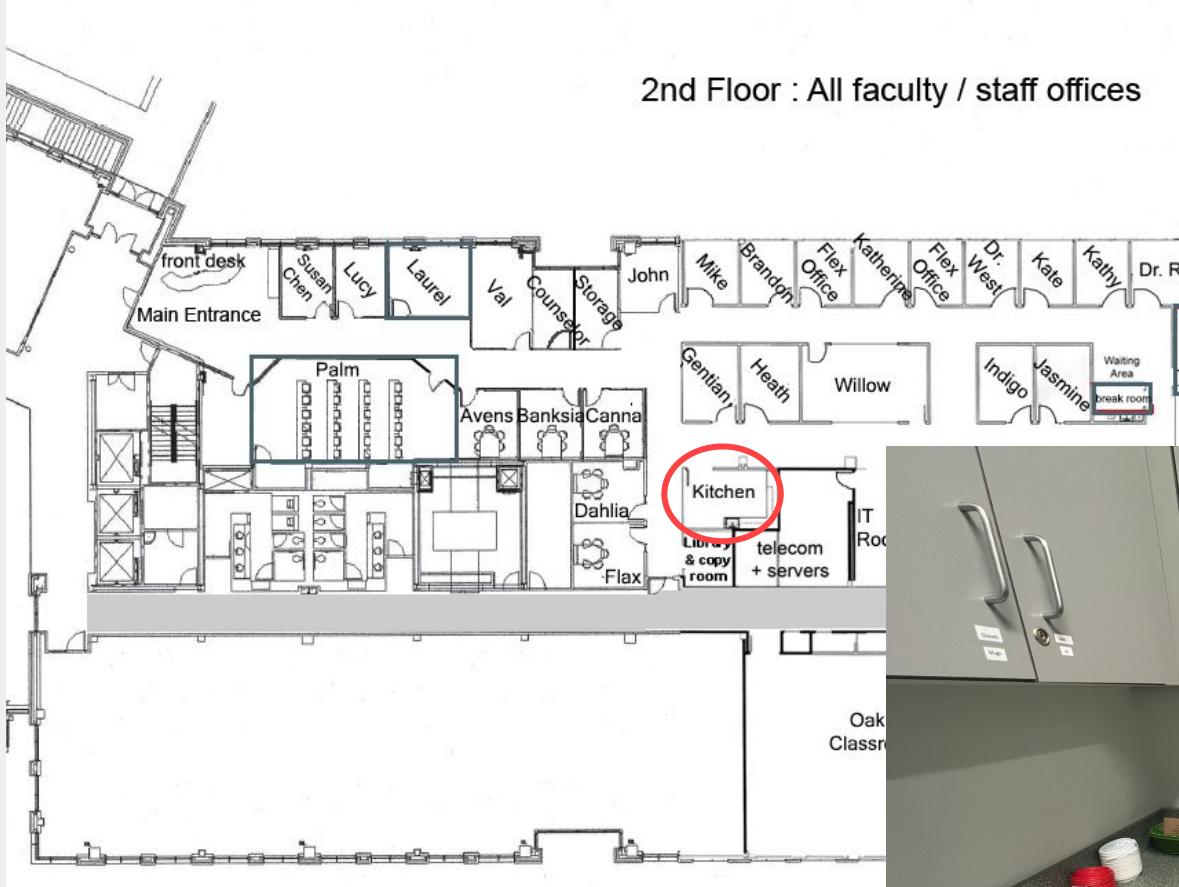
Showers cont. (use your locker or the closets)



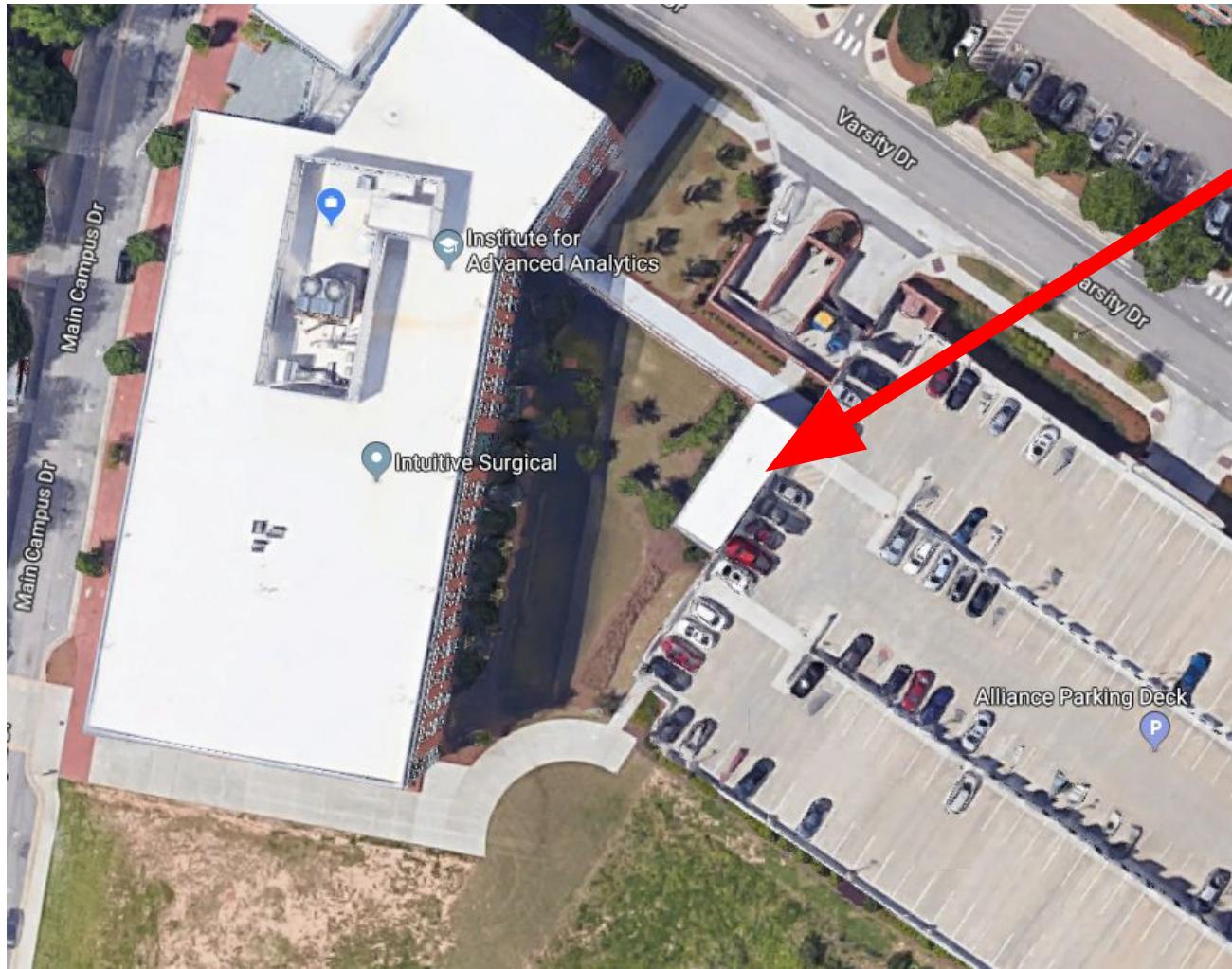
Lost & Found



2nd Floor : All faculty / staff offices



Biking



Bike Racks

Transportation



About NC State Transportation Parking ▾ Enforcement ▾ Wolfline ▾ **Alternative Transportation** ▾ Help ▾ My Account ▾



Explore Alternative Transportation



Bicycling

[Read More →](#)



Walking

[Read More →](#)



Local / Regional Transit

[Read More →](#)



Electric Vehicles

[Read More →](#)



Wolfpack Pick Up

[Read More →](#)



Carpool/Vanpool

[Read More →](#)



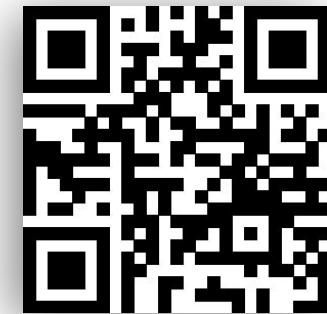
Commuter Planning
Assistance

[Read More →](#)



Lime Dockless
Scooters

[Read More →](#)

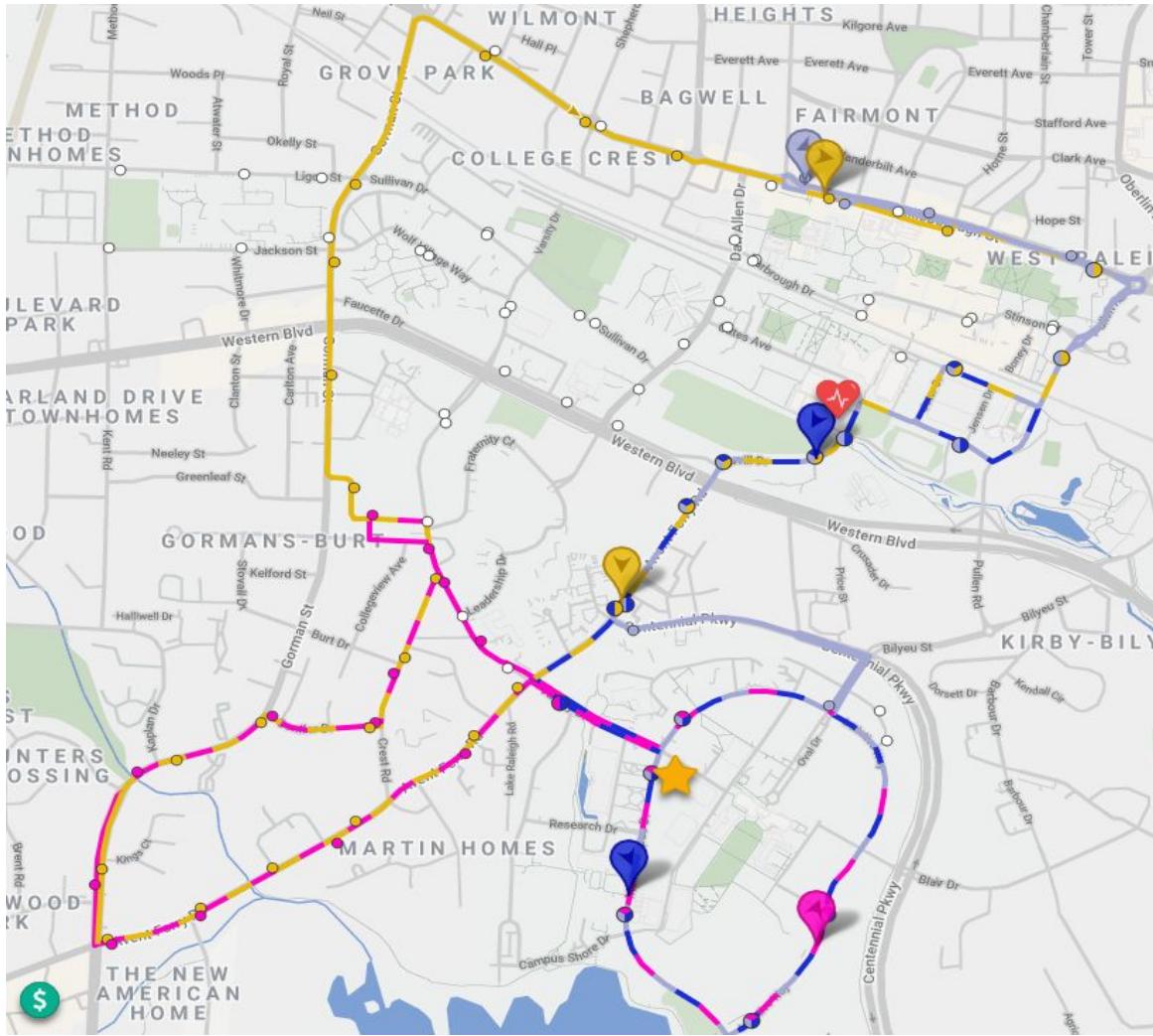


<https://transportation.ncsu.edu/explore-alternative-transportation-wolftrails/>

GETTING AROUND

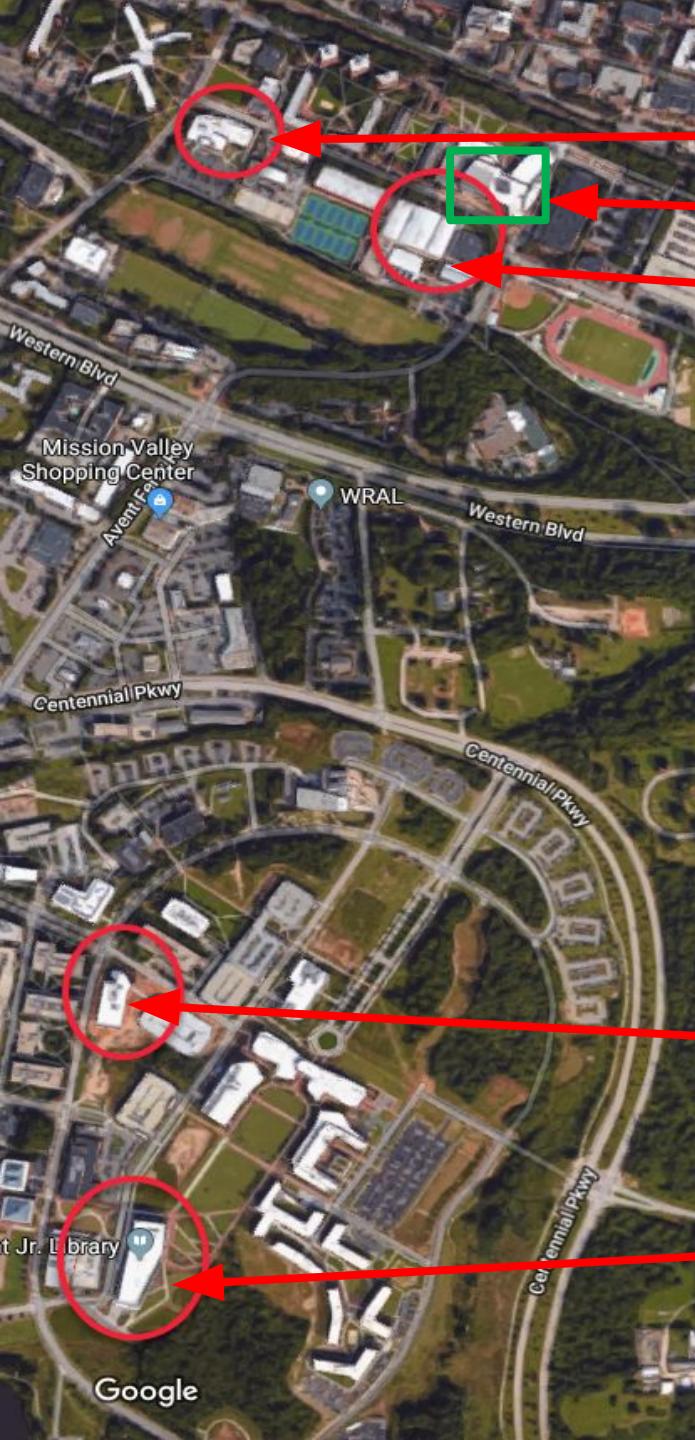


<http://ncsu.transloc.com/>





On Campus Resources



Health Center

Talley Student Union (IDs)

Gym

Carmichael Gym

Tennis Courts

Pool

Basketball courts

Intramural Fields

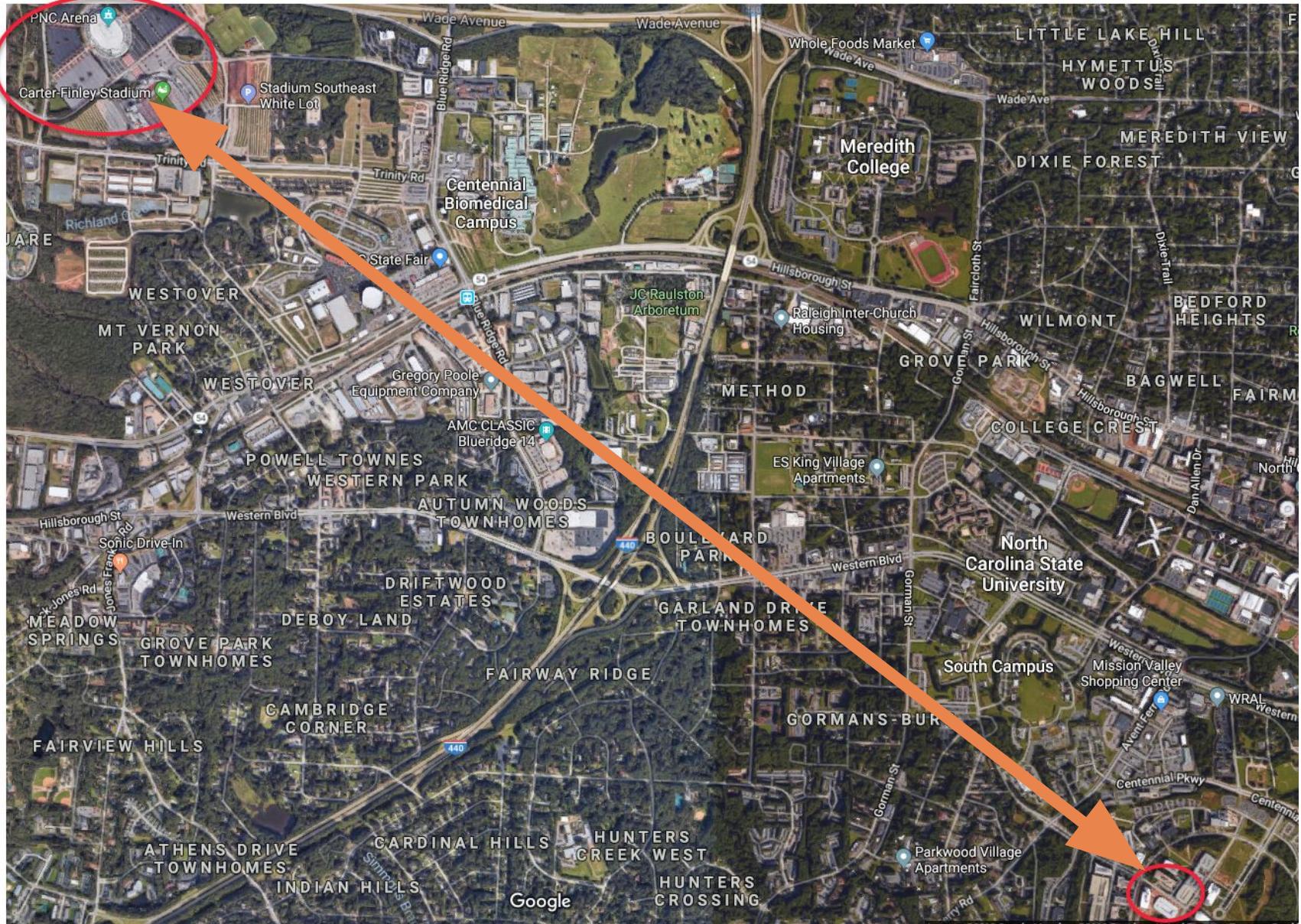
Very limited parking

Institute

Library

Equipment Loan

Off Campus





Final thoughts

Don't forget Pictures on Friday!

Slack - add channels reflecting your interests

Beach, Cycling, Families, Hiking,
Intramurals, Foodies, Kudos, Lost &
Found, Meditation, Mountains, Music, NC
State Football, New Coders, Pets,
Rideshare, Running, Socials, Volunteers

Don't be late for Dr. Rappa's welcoming
statements later today, 1:00, in Elm



Selfie Scavenger Hunt

