

MAGLAB MAP

1 NMR DEMOS

- Ride the Wave Train
- Rare Earth Magnets
- Magnetic Dancing Doll
- Electromagnetic Effect
- DNA Extraction Experiment

2 ICR DEMOS

- Toy Piano
- Penny & Feather
- Spinning Spectra

3 PATIO

- Sea-to-See
- Scratch Art Etch-A-Sketch with Lemoyne Arts
- Rethink Energy Florida
- Lego Ice Excavation with Leroy Collins Public Library
- Protein Chemistry Toy Jewelry -Tallahassee Scientific Society
- What's a Dinosaur's Favorite Candy?
- Toy Volcano
- Toys Under Pressure
- Tallahassee Amateur Radio Society
- WFSU
- Sugar Rockets with SEDS

4 OUTSIDE DISPLAYS (PATIO)

- Einstein's Ice Cream
- Tallahassee Astronomical Society

5 C-WING DEMOS

- Crystal Growth & Design for Thermoelectric Applications
- Thermoelectric Train Engine

6 EMR DEMOS

- Red Cabbage
- Silly Putty

7 CHARACTERIZATION LAB AND MICROANALYSIS

- FIB-Scanning Electron Microscope
- A Big Fancy Toy: Seeing Atoms with a TEM
- Material Strength Testing
- Superconducting Wire for Fusion
- Thomas the Magnet-electric Train

8 APPLIED SUPERCONDUCTIVITY CENTER (ASC)

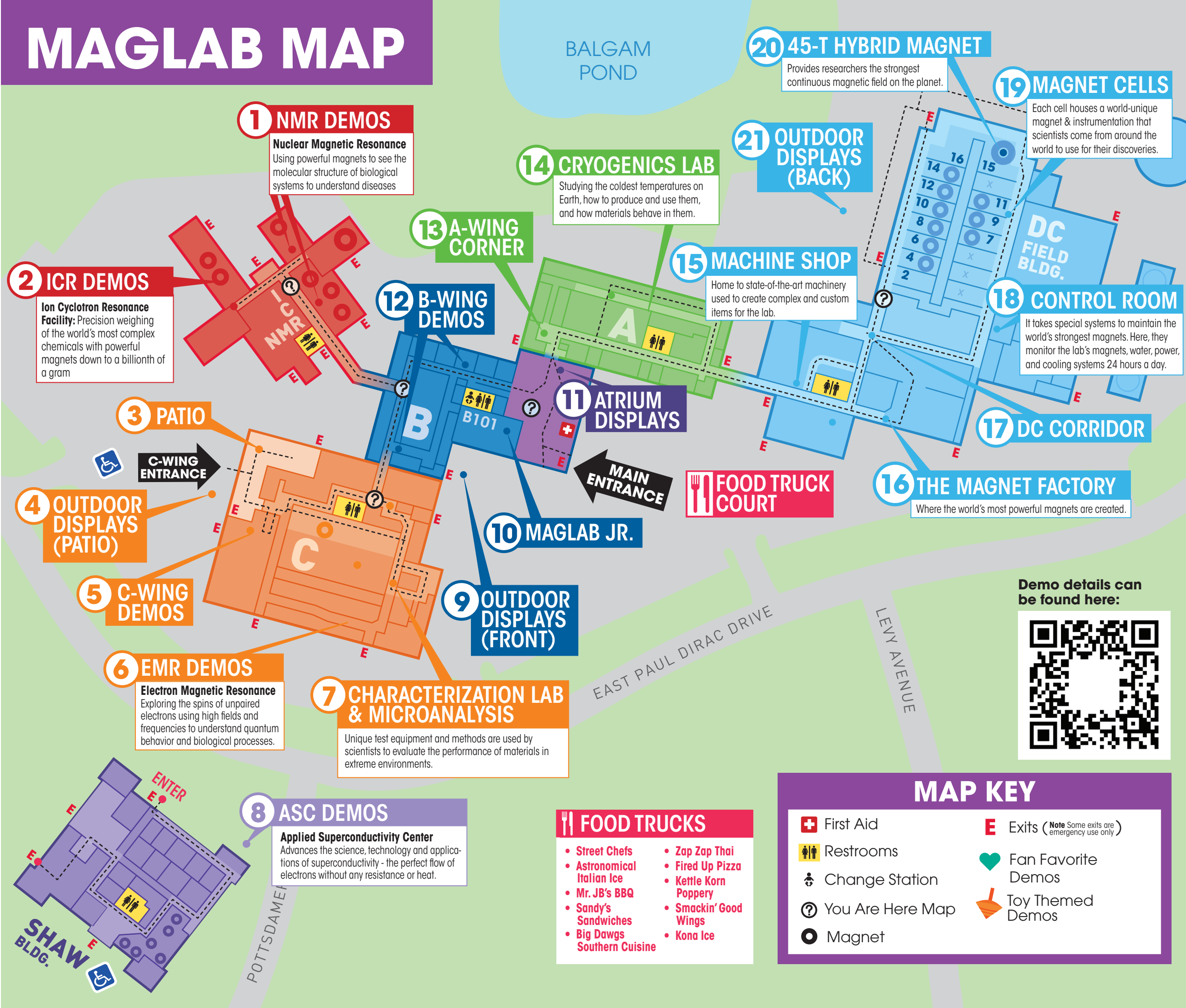
- MagLev Train
- Become a Human Top on the Human Levitator
- Magnet Launcher Toy
- Big Bubbler and Slomo
- Diffusion Cloud Chamber & Radiometric Dating
- Rubens Tube
- Electrostatic Toys

9 OUTDOOR DISPLAYS (FRONT)

- Junkyard Magnet
- Play Lab
- Seed Planting with FWC
- FSU Coastal & Marine Lab
- Wildlife Calls & Historic Toys with St. Marks Wildlife

10 MY LITTLE MAGLAB JR (& TRANSFORMERS!)

- The Mane Event
- Seaponies and Sharkticons
- Guardians of Harmony
- Rainbow Dash & Starscream's Aerial Spectacular
- MagLab Summer Camps



1 NMR DEMOS

Nuclear Magnetic Resonance
Using powerful magnets to see the molecular structure of biological systems to understand diseases

14 CRYOGENICS LAB

Studying the coldest temperatures on Earth, how to produce and use them, and how materials behave in them.

21 OUTDOOR DISPLAYS (BACK)

15 MACHINE SHOP

Home to state-of-the-art machinery used to create complex and custom items for the lab.

19 MAGNET CELLS

Each cell houses a world-unique magnet & instrumentation that scientists come from around the world to use for their discoveries.

18 CONTROL ROOM

It takes special systems to maintain the world's strongest magnets. Here, they monitor the lab's magnets, water, power, and cooling systems 24 hours a day.

16 THE MAGNET FACTORY

Where the world's most powerful magnets are created.

2 ICR DEMOS

Ion Cyclotron Resonance Facility: Precision weighing of the world's most complex chemicals with powerful magnets down to a billionth of a gram

12 B-WING DEMOS

11 ATRIUM DISPLAYS

10 MAGLAB JR.

9 OUTDOOR DISPLAYS (FRONT)

3 PATIO

4 OUTDOOR DISPLAYS (PATIO)

5 C-WING DEMOS

6 EMR DEMOS

Electron Magnetic Resonance
Exploring the spins of unpaired electrons using high fields and frequencies to understand quantum behavior and biological processes.

7 CHARACTERIZATION LAB & MICROANALYSIS

Unique test equipment and methods are used by scientists to evaluate the performance of materials in extreme environments.

8 ASC DEMOS

Applied Superconductivity Center
Advances the science, technology and applications of superconductivity - the perfect flow of electrons without any resistance or heat.

20 45-T HYBRID MAGNET

Provides researchers the strongest continuous magnetic field on the planet.

11 ATRIUM DISPLAYS

- LEGO Microscope
- Play Dough Circuits
- Fuzzy Faraday
- National Science Foundation
- MagLab Merch

12 B-WING DEMOS

- Life Brite - Toy-ing with Light
- Polarizing Play with Forky
- Science Jeopardy
- WIN A FREE MAGLAB T-SHIRT**
A new game every 30 min. with rounds for kids and adults

13 A-WING CORNER

- Painting with Barbie Pink Pigments

14 CRYOGENICS LAB

- Cold Wheels: Cryo Rocket Cars

15 MACHINE SHOP

- A Wide Array of High-Tech Machinery and the Experts That Use Them

16 THE MAGNET FACTORY

- Bitter Disk Art Sculptures
- Slinky Magnet Coils & Races
- Making World Record Magnets

17 DC CORRIDOR

- Smoke Rings

18 CONTROL ROOM & SIMULATOR

- Resistive Magnet Cooling Operations

19 MAGNET CELLS

- Cell 2: Magnetic Darts
- Cell 4: Electromagnetic Accelerator
- Cell 6: Physics Of Toys
- Cell 7: FAMU-FSU College Of Engineering
- Cell 8: Quarter Shrinker
- Cell 9: Challenger Learning Center
- Cell 11: Dancing Droplets & Chocolate Printing
- Cell 12: AR with Florida Center for Interactive Media
- Cell 14: Supercon Live!

20 45-TESLA HYBRID: WORLD'S STRONGEST MAGNET

- Magnet Toys Big & Small

21 OUTDOOR DISPLAYS (BACK)

- Potato Launcher & Magnet Potato Head
- Cryo Flowers & Balloons
- Bears with FWC
- MoBus Solar Lab
- Gulf Specimen Marine Lab Touch Tanks
- Archeological Toys with National Parks Service
- Rockets with AIAA

MAP KEY

- First Aid
- Restrooms
- Change Station
- You Are Here Map
- Magnet
- Exits (Note Some exits are emergency use only)
- Fan Favorite Demos
- Toy Themed Demos

FOOD TRUCKS

- Street Chefs
- Astronomical Italian Ice
- Mr. JB's BBQ
- Sandy's Sandwiches
- Big Dawgs Southern Cuisine
- Zap Zap Thai
- Fired Up Pizza
- Kettle Korn Poppery
- Smackin' Good Wings
- Kona Ice