

June 30, 2020

MagLab Summer Exploration Series  
Week 5 Links

Hey everyone! The strongest magnets in the world are not as simple as plugging them in and turning them on. There's an enormous amount of support that these magnets require.

Since the MagLab is a user facility, our primary job is to operate the magnets for scientists around the world to use. Visiting scientists rely on the expertise of our electricians, machinists, technicians, engineers and other specialists. Learn more about our [Support Teams](#). A lot of that work happens in the MagLab's Control room. You could call them the nexus of magnet activity. Take a [Virtual Tour of the MagLab's Control Room](#).

The support staff is crucial to keeping the magnets running. Read more about [Team Tesla: How We Keep the World's Most Powerful Magnets in Shape](#).

Every experiment at the lab hinges on our ability to place samples into the magnetic field in the middle of all of our magnets. The probes hold the sample in the desired magnetic field location and relay data to the computers the scientist are using. There are different probes depending on the need. Take a moment to [Meet the Probes](#).

One of the most stressful aspects of working at the MagLab is building the probe just right. Right more about these [Small Wonders](#). Then join Dave Graf as he shares a sample and a probe during an episode of [Science Show & Tell](#).

Not all of the MagLab support staff is human. Curious? Read here about [Cellbert, the MagLab's Most Valuable Robot](#).

Any questions? Email [Carlos R. Villa](#).