Welcome to CSULA NMR Facility.
NMR Policy

The CSULA NMR facility is available 24 hours 7 days a week to all the individuals who have received the adequate NMR training. NMR training is available for all the users in chemistry and biochemistry department only upon electronic request from the NMR Facility Manager, Dr. Ali Jabalameli (ajabala@exchange.calstatela.edu).

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Warning

Because of high magnet field, absolutely NO ADMISION to the NMR rooms for people with a Pacemaker or metallic implant.

1-The doors to the NMR rooms always stay locked. therefore, you need to have a key to access the room. Please connect your PI or the Department in order to request a key.

2-Do not bring any food or drink to the NMR rooms.

3- Do not bring any magnetic materials tools or equipment in the proximity (red line) of the NMR magnet. The NMR magnetic fields may permanently damage watches, calculators and certain types of credit cards. The attractive forces could also move the object uncontrollably toward the magnet and might damage the magnets/probes or might even cause the magnet to quench. Magnet quench is the event that quickly vaporizes the liquid Helium, emptying the magnet in a matter of few minutes. Be aware that there could be a risk of asphyxiation in a confined space when a magnet quench.

4- Always assume that there is a sample inside the magnet. Therefore, first lift the air and then increase the airflow to the max to ensure that there is no sample inside the magnet. You should be able to hear and feel the air from the top of the magnet. Remember to give it enough time for the sample to be ejected. In case you still don't see any sample coming up, for final assurance, you should perform a gentle cavity search from top of the magnet using your finger (this only applies to DRX400).

5- Once done with your experiments sign the NMR logbook.

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Rules for Sign- up on the AVENCE 400 MHz

1. To reserve NMR time for the 400 MHz NMR, go to http://faces.ccrc.uga.edu/ using the group name CSULA. Username and password can be obtained from the NMR Facility Manager (ajabala@exchamge.calstatela.edu) after completing the training sessions. You must have a valid email address in order to have access to the NMR schedule system.
2. The basic unit of time is 15 min. You should sign for every 15 min. block if you are intending to use more than one block.
3. During prime time (8:00 AM - 8:00 PM), any user may reserve the time up to 48 hours in advance for a maximum of 90 min (6 blocks of 15 min.) per day. However, if an individual research group or any teaching laboratories require more NMR time, this can be accommodated. If you require more than the 90 minutes, submit a completed email Dr. Ali Jabalameli (ajabala@exchange.calstatela.edu)) not less than 3 business days in advance. He will arrange and post the request on FACES.
4. During non-prime time (8:00 PM - 8:00 AM), you may reserve as many time blocks as available up to 48 hours in advance.
5. If you do not cancel your reservation and do not use it, your PI's account will be billed at the normal rate. Cancel your reservation through the on-line FACES system.
6. Reserved time is forfeited if the user does not show up within the first five minutes of the reserved time block.
7. Every NMR user must document their instrument usage in the NMR logbook. This must be done regardless of the nature of work, time of day and length of time. Please provide all the information requested in the logbook. Undocumented use of the spectrometers will result in suspension of user privileges.

Rules for Sign- up on the DRX 400 MHz

The DRX 400 MHz NMR is available to all the qualified (after completing the training sessions) NMR users only with prior appointments. You should to contact the NMR Facility Manager (ajabala@exchange.calstatela.edu) for training and scheduling.

Rules for Sign- up on the 600 MHz

The 600 MHz NMR is available to all the qualified (after completing the training sessions) NMR users only with prior appointments. You should to contact the NMR Facility Manager (ajabala@excahnge.calstatela.edu) for training and scheduling.