

Policies

1. General policies

No food or beverages near the spectrometers.

Do not leave your NMR tube in the NMR facility.

If a sample breaks in the magnet, contact the NMR facility Director immediately (by phone or in person) so the probe can be cleaned. Minimum information needed: name and structure of the compound if known, or at least class of compound, name of solvent, toxicity of material, and other solvents which dissolve it, special precautions in handling if it is toxic. Please leave a note on the instrument keyboard warning users not to use the instrument. This will minimize probe damage.

Repairs for any damage to the probes resulting from user error will be charged to the user group.

If there is problem, leave a note or contact the NMR facility Director.

DO NOT TOUCH HARDWARE or REBOOT INSTRUMENT.

All users must LOGOUT from your account when finished with the spectrometer.

READ THE MANUAL! You will find most of your questions are addressed in the 1D instruction manual.

2. Access to instruments

Instruments are accessible to anyone who has been trained by the NMR Center Director. You should plan your training at least one week in advance. The training forms are available from the NMR facility and web site. Complete the training form and return it to the NMR Facility Director. No unauthorized training!

Each authorized user group is given an account on the instruments. Please use a secure password and do NOT let anyone else use your account.

3. Restrictions on usage

400 MHz NMR:

Monday - Friday: 9:00 am-5:00 pm: maximum is 2 hours or 8 slots/user (15minutes/slot), reserve within a week. Cancellation must be made at least 1 hour in advance.

Monday -Thursday Overnight, 5:00 pm-9:00 am, reserve within two weeks. Cancellation must be made at least 4 hrs in advance.

Weekends and Holidays: Reserve within a month. Cancellation must be made at least one day in advance.

Non-standard experiments (VT work, exotic nuclei, 2D/3D) requiring more than one dedicated day must be scheduled with the NMR facility Director two weeks in advance.

600 MHz NMR:

Monday - Friday: reserve within a week. Cancellation must be made at least 1 hour in advance.

Weekends and Holidays: Reserve within a month. Cancellation must be made at least one day in advance.

*If you reserve time, it is your responsibility to be there during that time and also to be finished at the proper time unless problems are encountered. If you cannot be present for your reserved time, it is your responsibility to cancel it from the time slot. It will be charged to your account for non- or late-cancellation.

4. Charging for instrument time

Rates for spectrometer usage vary from the time periods and users. All accounting is done automatically with spectrometer logins. There is no charge for usage of the data workstation.

Instrument	Rate	
	academic users*	Non-academic users
Bruker AVANCE III 600 MHz	\$15/hr 7:00-19:00	\$100/hr 7:00-19:00
	\$7.5/hr night & holidays	\$50/hr night & holidays
Bruker AVANCE III 400 MHz	\$10/hr 7:00-19:00	\$100/hr 7:00-19:00
	\$5/hr night & holidays	\$50/hr night & holidays

5. Contact information:

Dr. Yun Qu
NMR Facility Director
yqu@vcu.edu