

NMR Rules and Expectations

Introduction

The nuclear magnetic resonance (NMR) facility in McKinley Hall 115 currently houses 400 MHz Varian Inova and 500 MHz Bruker Avance instruments. These instruments are available to use by any researcher or student who has received formal training from Dustin Nevenen (dustin.nevenen@wichita.edu).

Rules

1. You must receive training from Dustin Nevenen before you are allowed to use the NMR instruments.
2. Any experiments requiring more than one hour of runtime must be performed outside of normal business hours between 5pm-9am.
3. You must only use Wilmad 507pp or better quality NMR tubes. Tubes of poorer quality are not allowed and may result in probe damage or instrument downtime.
4. Ensure that the outside of the NMR tube is clean before inserting it into a spinner.
5. No eating or drinking in the NMR facility.
6. Please do not leave garbage (such as spent KimWipes) on the workstation desk.
7. Do not enter the NMR facility wearing lab gloves.

Reserving NMR Time

Since the 500 MHz Bruker Avance is equipped with an autosampler, reserving runtime isn't required; however, using the 400 MHz Varian Inova will require a reservation, which can be accessed through "Faces."

The NMR schedule on Faces can be accessed via <https://faces.ccrcc.uga.edu/> using the group name WSU_NMR. Contact Dustin Nevenen for a username and password. In order to access this NMR scheduling system, you will need a WSU email address.