
USER'S GUIDE TO REGISTER FOR NMR ACCOUNT

*The NMR Laboratory
Department of Chemistry and Biochemistry
University of Delaware*

1. To apply for a user account of AV400 and AVIII 600 NMR spectrometers, you must be a student, a graduate student, a post-doc, or a faculty member of the University of Delaware.
2. To apply for a user account on AV400 and AVIII 600 NMR spectrometers, please complete and submit a training request form which can be found on CBC NMR website (sites.udel.edu/nmr). A university email address is required before applying for an NMR user account. You will be contacted by an NMR staff to schedule a training session.
3. You will meet with an NMR staff in NMR laboratory (045 BRL) for a training session. The laboratory safety, NMR sample handling, NMR experiment selection, NMR job submission, and NMR data processing will be discussed during a training session.
4. As a graduate student, you may use AV400 (045 BRL) and AVIII 600 (049 BRL) NMR spectrometers. As an undergraduate student, a verification email from your research advisor must be received before the access to AVIII 600 NMR is granted.
5. Username and password will be distributed to you during training session.
6. You are responsible for your user account information. **YOU AND ONLY YOU ARE ALLOWED TO USE YOUR ACCOUNT FOR NMR SAMPLE ANALYSIS.** Your user privilege will be revoked if your account is found being used by others.
7. It is your obligation to remove the NMR sample tube(s) from the auto-sampler within 24 hours after received an automatic notification email from the spectrometer computer. Otherwise, your NMR sample will be removed from the sample carousel without further notice.
8. NMR data can be processed and printed using the workstations located in 045 BRL.
9. Your NMR data acquired on AV400 and AVIII600 spectrometers are automatically transferred to the NMR server upon completion of data acquisition. You can then transfer your NMR data to your own computer using a ssh (secured shell file transfer) tool. The NMR data server is nmrserver.chem.udel.edu with an IP address of 128.175.54.56. The ssh software can be downloaded from the University website: <http://www.udel.edu/topics/connect/sw/ssh/sshwin/sshftp.html>
10. After training session, please contact Ms. Susan Cheadle (x-1247, 102 BRL, scheadle@udel.edu) to request an NMR key for 045/049 BRL. The NMR key (with a deposit of \$10) can be only check out from 11:00 AM to 12:00 noon and from 2:30 PM to 4:00 PM.