

**NMR Lab Pandemic Protocols (Web Version)**  
**18 June 2020; Dean Olson and Nikki Duay; University of Illinois at Urbana-Champaign**

**NMR Lab Changes – Staff & Lab**

- Details of this plan may change over time, but the overall goal is to maintain physical distancing of at least 2 meters for all NMR Staff and users at all times, into addition to minimizing in-person encounters.
- You are required to wear a facemask in the NMR Lab at all times (over both [nose](#) and mouth).
- The NMR Lab is on a limited schedule, open 7 a.m. to 11 p.m. daily.
- Overnight instrument use for long runs can be conducted after consulting with the NMR Staff. For such instances plan to NOT be here from 11 p.m. to 7 a.m.
- NMR Staff could have a staggered schedule for a period of time
  - Staff may initially work part-time from home and part-time on campus, about 9 a.m. to 5 p.m.
  - Nikki ([nduay@illinois.edu](mailto:nduay@illinois.edu)) and Dean ([dolson@illinois.edu](mailto:dolson@illinois.edu)):
    - See signs on our office doors as to whether we are in or out
  - Andre ([asutrisn@illinois.edu](mailto:asutrisn@illinois.edu)) and Lingyang ([lingyang@illinois.edu](mailto:lingyang@illinois.edu)):
    - Staggered schedules to not both be in their shared office at the same time.
  - Please Email or text staff for assistance, and don't just drop into their offices.
    - Staff schedules will be posted in 146 RAL and on all NMR Lab doors and the blog [here](#).
- The main door (146 RAL) will be kept open during business hours to allow touchless entry and exit.
- Expect a minimum of chairs (all wood) in the Lab, no place to sit while you wait, and nothing extra to read.
- Expect no pens or pencils for log books. Instead, you can write us a note via ChemFOM when you log off.

**NMR Lab Changes – Students**

- Take this required Covid-19 [training module](#) from the UIUC Division Research Safety (20 minutes)
  - Champaign County information is [here](#) (local) and [here](#) (CNN).
- Review the material [at this link](#) also from the Division of Research Safety
- Do your best to not congregate in or near the NMR Lab.
  - Book a reservation in advance of arrival, *including a submission time for the CB500*
  - Before going to the NMR Lab, check to see that the previous user has logged off.
  - A one-person waiting area is taped off in the main lab. Please stand only there if you need to wait.
- **Minimize conversation.** No spectators; come alone. [Here's why](#). Here's three [articles on the issues](#).
- Perform necessary tutoring at a distance using the UI400 or U500, which now have larger monitors
- Instrument sign-up protocols remain the same and are posted and in the training booklet
- Special considerations for the walk-up Lab in 146 RAL (magnets are well-separated; 5 total magnets).
  - Again, do not come to the NMR Lab in 146 RAL without a reservation
  - No ChemFOM terminals to prevent congregation. Remote logon/logoff only; by phone OK.
    - <https://fom.scs.illinois.edu/fom/>
  - In general, try to enter and exit the NMR Lab in a manner that maximizes physical distancing. During business hours, two entrances and exits will be available (the doors to 146 and 150 RAL). After hours, the two exits remain available, but only 146 RAL can be used with your iCard for entrance.
  - CB500 now requires ChemFOM reservation (10-min blocks only). CB500 remote queue viewing is [here](#).
    - Always logoff from ChemFOM. It frees up your time slot for another person.
    - No congregating around the CB500 unless you are training someone.
  - CB500 users use the door near the CB500 for entrance (when open) and exit (always).
    - We'll leave that hallway door open (150 RAL) in the daytimes to allow no-touch access.
    - To pick up a finished sample, come get it, no reservation. But, please follow these guidelines:
      - Enter via the 150 RAL door, but not if someone is sitting at the CB500 desk.
        - Then, enter via the main door, 146 RAL.
      - Get your sample via the touchpad & cassette, or the plastic storage containers.
      - Don't remove your entry from the sample queue. We'll do that periodically.
      - Depart avoiding as many people as possible.
  - We expect the CB500 to run samples overnight in the normal manner.

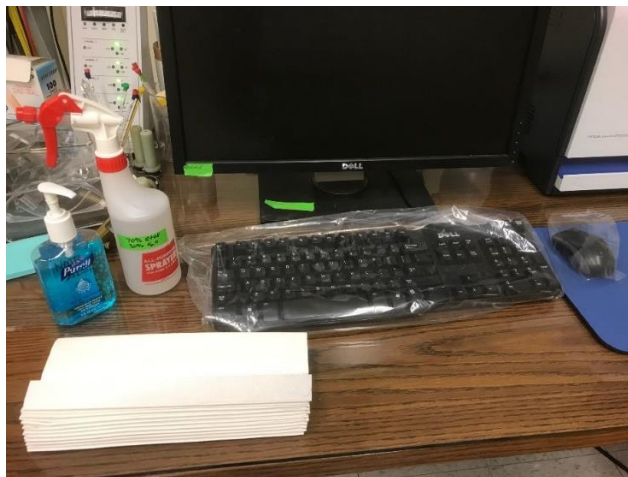
- Lab users in 55 Noyes (two magnets) and A151 CLSL (one magnet) physically self-isolate; stay near your magnet
- NMR spectrometers in 55 Noyes (UI600 and UI300WB) and A151 CLSL (750NB) should be booked in the typical manner. Email Lingyang or Andre for arrangements as usual.
  - ChemFOM terminals in those locations remain in normal use
- Try not to cross paths with anyone in an NMR Lab doorway.
- When crossing paths with someone in the main hallway, to let a person pass, please step aside momentarily into the doorway area of a lab to maintain physical distancing.
- Gloves in the labs are optional. We recommend that you wash your hands and decontaminate your samples when you get back to your own lab, since you will likely touch doors to return to your lab.

#### NMR Lab Changes – Newcomers

- Newcomers should email Nikki Duay ([nduay@illinois.edu](mailto:nduay@illinois.edu)) for assistance and instructions.
- A dropbox is located right outside Nikki’s lab door for incoming forms, data sets, quizzes, and puzzles. She’ll check it regularly and email a response to each inquirer.
- Individual training for Group members will still be managed by the Group. In situations of keyboard sharing, both trainer and trainee should probably wear gloves.
- In-person check-outs for newcomers are abbreviated to 30 minutes.
  - Physical distancing will still be maintained. Wear a mask to your session.
  - We’ll send you a list of skills you should be able to perform on your own under the observation of an NMR Lab Staff member.

#### Periodic Disinfection

- Expect plastic covers on all keyboards and mice. Hand sanitizer and disinfectant will be provided.
- We’ll spray keyboards and mice 5 times throughout the work day (9 & 11 a.m.; 1, 3, and 5 p.m.)
- As mentioned, please wash your hands once you return to your own lab
- A typical workstation will be outfitted like this. Tell us if something is missing.



Thanks very much for your attention and cooperation.  
Welcome back to the NMR Lab!