

# Electronic Lab Notebooks

There are many options of Electronic Lab Notebooks (ELNs) for both research labs and courses. At just Cornell, as of Spring 2016, production use and/or of Lab Archives (CIT and campus), Dotmatics Studies Notebook Electronic Laboratory Notebook (ELN) "One-Click" (Library and a Chemistry research group), Badger Lab Management System (CCMR, Weill; more than just an ELN), as well as one known home-grown in a Chemistry research group. Contact the Chemistry Librarian to learn more.

## See also

### Digital Lab Notebooks, pilot program

CIT's and the Library's desire to pilot Digital Lab Notebooks for courses (and research labs).

### Dotmatics Studies Notebook "One-Click" (ELN) in Lin Group and Cornell Library, 3 year

Lin Group was using Dotmatics's Studies Notebook <<http://www.dotmatics.com/products/studies-notebook/> <http://www.dotmatics.com/products/studies-notebook/>>. 3/15/2018: Vendor stopping support so group looking for alternatives again.

### OneNote as a platform for ELN

Other places have succeeded in using Microsoft's OneNote to meet this need. The Lin group is exploring this option, as of 3/15/2018.

## Updates

- 11/1/16: ChemDraw v16 announced that it offers, "Seamless Integration with ChemDraw E-Notebook, (...) our powerful new web based Electronic Lab Notebook"
  - [http://www.perkinelmer.com/lab-solutions/resources/docs/DTS\\_012723B\\_01\\_ChemDraw\\_16.pdf](http://www.perkinelmer.com/lab-solutions/resources/docs/DTS_012723B_01_ChemDraw_16.pdf)
  - [https://www.cambridgesoft.com/Ensemble\\_for\\_Chemistry/ENotebookforChemistry/](https://www.cambridgesoft.com/Ensemble_for_Chemistry/ENotebookforChemistry/)
  - N.B. Cornell Library funds campus license for ChemDraw professional. Those with instead with ChemOffice Professional licensing, "Enjoy free accounts to ChemDraw E-Notebook".
- 5/12/16: Added history of Feb 2016 ELN in Lin group, parked in a sub-page linked to above.
- 2/16/16: I met with Michael and Frank regarding my efforts on this topic. Since I have in the past put this in front of Chemistry's Instruction and Research folks, no need for me to do more unless asked by Chemistry folks.

## April 2016: Query from CIT regarding one particular LMS (lab management software):

-----Original Message-----

From: Andrea Beesing  
Sent: Thursday, May 12, 2016 10:50 AM  
To: Oliver B. Habicht <oh10>  
Subject: Re: Is anyone using Badger for lab management?

Thanks, Oliver. We did get the name of at least one person on campus using Badger--David Botsch in CCMR.

(...)

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From: Leah Rae McEwen <lr1>  
Sent: Wednesday, April 27, 2016 1:27 PM  
To: Oliver B. Habicht  
Subject: RE: Is anyone using Badger for lab management?

Thanks, Oliver. I always appreciate the info.

An LMS like this would mostly likely be deployed in an instrument lab or across a group of labs, literally a management system (assets, output, operations, etc.), complementary function to an individual lab notebook. I am not aware of anyone using this Badger, or really any LMS in A&S or Engr, possibly at BTI or Vet, semi-independent operations.

(...)

From: Andrea Beesing <amb3>  
Date: April 26, 2016 at 11:40:03 AM EDT  
To: ITSG-DIRECTORS-L  
Subject: Is anyone using Badger for lab management?

Dear Colleagues,

We've received this inquiry from Weill based on interest in this lab management product at Qatar. If your unit is using Badger will you kindly provide contact information for me to pass along? Thanks.

Does anyone know if the Badger Lab Management System is in use by the Ithaca or NYC campus? If so, who are the labs/users?

<http://www.badgerlms.com>

## June 2015, snap-shot view of the Cornell landscape re: ELNs

Some Electronic Lab Notebooks (ELNs) are better suited to Chemists than others.

- We strongly recommend anyone Chemistry to first consult with the Chemistry Librarian, Leah McEwen <lm1>, 607-793-6217.
  - Leah is in contact with many Electronic Lab Notebooks vendors and campus scientists.
- Please let Will Dichtel, as Chair of the Computing Cmt, know of your interest.

Other information:

- Notify ChemIT of any positive or negative outcomes from your ELN investigations so we can share with others as appropriate.
- If interested in ELNs within the teaching labs context, please contact Dan Lorey.
- John Marohn has set up his own ELN solution, which he can show you.
- Although it may not have the variety of features of interest to most Chemists, Cornell does site-license to Lab Archives following a 2013 pilot project led by the Library and CIT. To learn more about using Lab Archives and Cornell's associated service:
  - Contact CIT's Academic Technologies Support <[atc\\_support@cornell.edu](mailto:atc_support@cornell.edu)>. They can arrange a demo/discussion meeting, for example.
  - <http://collabhelp.cit.cornell.edu/lab-archives/>
  - Note that there are two versions. The "regular" one for chemistry research (the Pro version) and one for teaching labs (the Classroom Edition).