

z_Completed

Completed projects ChemIT lead or was otherwise involved in. (Not PhysIT.)

For PhysIT completed projects, see

- [z_Completed PhysIT tasks](#)
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a_Completed, Research

- [201304 Decommission Transit](#) — ChemIT set up a temporary service to address a network limitation we tied to the Baker Lab network upgrade done in Feb. 2013. Must now transition users off that temporary service.
 - [Transit documentation](#) — CRCF service created to facilitate SFTP transfers to Nandini's iMac, initially from an off-campus-based cluster resource.
- [Better RedRover coverage in PSB](#) — At a minimum, add a RedRover access point on PSB's second floor. Seek partnership with non-CCB PSB researchers to add even more RedRover access points, if possible.
- [Cluster work, completed](#)
 - [P29 - Crane's new cluster](#) — Increase computational capacity for Crane's group.
 - [P30 - Hoffmann's cluster upgrade](#) — NSF grant awarded. Thus, this project is a "go" as of August 2013.
 - [P40 - Collum Cluster Upgrade](#) — Upgrade to CentOS and add 2 nodes to existing
 - [P45 - Collum - Expand a Compute Node's Storage for 9TB \(or 12TB\), Scratch](#)
 - [P66 - Petersen Computational Systems \(Windows\)](#) — 2 high-performance computers, running Windows server.
- [Crane 3D workstation and storage](#) — Aiming to complete fall 2016.
 - [Crane - Storage system](#) — Crane group members can access their data using any of the 4 workstations, or from the Lancaster/ Crane cluster. Here's how that's done.
- [Evaluate CISER's services](#) — CISER software (Mathematica, MatLab, etc) running on high-end clusters, free to researchers during evaluation period paid for by CCB.
- [FREED - CCMR's IT migration tasks](#)
 - [\(1\) Eldor server's disposition](#) — Eldor must find a physical new home by Feb. 1st. Priority is Liang's project, which in the short term is not likely to required Eldor.
 - [Freed migration tasks completed](#)
- [Freed - Jack's replacement laptop](#) — Recommending a Dell Latitude E7x40/ E7x50 laptop. The "x" is either a 2 (12.5" screen) or a 4 (14" screen). Other decisions to be made are outlined on this page.
- [Freed - John Franck's dual-OS needs](#) — Ideas to provision dual-OS, with one OS not supported by ChemIT.
- [Freed - June 2015 workshop](#) — 2 days, June 10th and 11th, 2015. Likely about 25 participants, but max. of 40 scheduled. Presentations on first day. On-hands workshop the second day. About 12 speakers. And fewer (6-10?) workshop facilitators.
 - [Virtual Machine for ACERT June 2015 workshop](#) — ChemIT created a stock Windows 7 image with MATLAB. ChemIT created a stock Linux image with MATLAB. And vetted and tested VM technology to use and wrote up instructions for John. John expanding on on each image and curating this image for distribution to workshop participants.
- [Freed - Peter Borbat's workstation](#) — INC INC000001138139
- [Lin HPLC computer rebuild, Win2000](#) — Oliver's attempt to restore a failed HD's computer. Restored the Win2000 from Ghost image from factory and got license key installed. Also tried to port application to Win7 32-bit, but vexed by software copy-protections.
- [P23 Dichtel Mac Sync](#) — Consider 3rd party tools to improve AD integration for Mac desktops so they can more effectively use CIT's SFS service and yet also still benefit from Mac Home Directory-style behavior.
- [P132 Dichtel Moving from Cornell to Northwestern, in Chicago](#) — A place to inventory IT-related issues and their current status. And to promote understanding and coordination among Will and other research group members, Chemistry IT, and the folks at Northwestern.
 - [Details and past concerns](#) — Hopefully past concerns have been addressed, but info held here in case review required.
- [P133 Park Moving from Cornell to Chicago](#) — Expect to have planning meeting with Jiwoong in August 2016.
- [Research IT Reps](#) — Orientation session conducted right before main Fall 2013 semester.
- [Scheraga's server in Argentina](#) — Harold wants this server at Cornell instead of where it is now.
- [Scheraga - Cluster backup choices](#) — Add true backup functionality to the existing cluster. Discussion started Oct. 2013.
- [Scheraga - Data corruption problem on Matrix cluster](#) — The Matrix cluster is currently unavailable due to a problem with its data storage.
 - [Matrix punch list](#) — Key questions to address as we progress on finishing the clean-up from the Matrix failure.
 - [Scheraga cluster restoration choices](#)
 - [Steps to restore system](#)
- [Scheraga - Yi He's dedicated GPU computer](#) — Harold is writing a grant requiring results which require GPU processors. Goal: Get Yi He access to a GPU-provisioned machine so he can get results to Harold ASAP.

b_Completed, Student Services and Instruction

- [Connecting and using yaehmpop for Roald Hoffmann's Chem6070 Spring 2016 class](#)
- [P12 - ChemGrades FMPro DB](#) — Making CCB's very important ChemGrades DB more robust, and enabling necessary increased functionality, especially for teaching faculty and students. Ensuring its long-term support and operation. Representing customer is Pat Hine (Pathl).
- [Printer for Chem majors](#) — Thanks largely to Michael Hint, starting summer 2014, ChemIT produced on-going savings of \$1,850 per year (a 40% savings on prices ChemIT involved in) to provide full-color printer services, for free, to Chem majors, in Lars' undergraduate (Mac) lab. This included procuring a new, second, full-color printer for almost nothing.
 - [Data as of Feb 2014, for printer for Chem majors](#) — Express the costs of consumables (over \$12,100) to operate printer services offered for free to Chem majors, over a period of 1.5 years. Does not include the cost of the \$2.5K printer itself.

c_Completed, CCB in general

- [201303 Office 365 migration](#) — Sent closure email March 25, 2013 (Monday). February 2013's migration of email from Cornell's servers to Microsoft's off-campus servers (Office 365).
 - [Chemistry's moved dates](#) — The moves for Arts and Sciences, including Chemistry, are being staged over the first three Tuesdays in February (Feb. 5, Feb. 12, and Feb 19).
 - [CRCF's notes after Feb 5 staff migration](#) — Michael Hint's write-up following Chem's staff's Office 365 migration.
 - [Jan 29 memo to Chem dept](#) — CIT is moving Cornell's staff/ faculty email and calendar services off-campus (to "the cloud", or to Microsoft's "Office 365") February 2013.
 - [Unusual email clients](#) — For the purposes of the Feb 2013 email migration, this page defines what is meant by an "unusual or non-standard" email client. Such as Eudora and Thunderbird.
- [ChemIT's server investments](#) — The department, including ChemIT and other Admin offices, has needs for servers. These can be provisioned at CIT. Some may be more cost-effectively done by ChemIT, if trade-offs are acceptable.
- [ChemIT Liquidation of Stock](#)
- [Copy of CCB people lists](#) — Kevin Ashman will kindly do a monthly pull of people within CCB. HR has info on all staff, faculty, post-docs and other researchers. Instruction has info on all grad students.
- [Free to departments](#) — May 2015 give-away for items of potential value to others at Cornell, including toner.
- [New toner, for sale outside Cornell \(free to Cornell depts\)](#)

d_Completed, CCB Admin and CCB Facilities

- [Admin Printer Review and Inventory](#) — March/ April 2013: Conduct printer review, per University directive. Result will be a more up-to-date inventory of printers in CCB's Admin areas.
- [Lab Services - New staff computers](#)

e_Completed, ChemIT

- [ChemIT web site](#) — Fill out ChemIT's blog so we can delete our old web site's data. And maintain this wiki site.
 - [Documentation topics from RogerG](#) — From 20130606Wed ChemIT roll-out meeting.
 - [User doc topics needed](#)
- [Deprecated: Effort tracking](#) — What do ChemIT staff do with their time?
- [Improved incident tracking](#) — ChemIT will likely use new-to-the-A&S's college the campus-wide Remedy tracking system. Since April 2012, we've used part of Spiceworks.
- [Performance Reviews 2013](#)
- [Roll-out for ChemIT](#) — Components related to rolling out our ChemIT name, summer 2013, coinciding with ChemIT's adoption of new ticket management system.
- [Student staffing](#) — Kathleen is leaving after Spring 2013. Find someone at least half as good!