



Wright Lab Events September 8-14, 2019

Monday, September 9

9:30 a.m.

Wright Lab all-hands meeting, WL-216. **James Nikkel, Yale**, "[Semester Kick Off and Introductions](#)". The Wright Lab community is invited to come hear updates about facilities, workshops, and shared lab organization; and to be introduced to new Wright Lab community members.

1:00 p.m.

EHS Orientation for Wright Lab Research Shop

Users, WL-216. The EHS shop orientation is offered each semester and is required to be taken once by anyone who would like to gain access and make use of the teaching and research shops at Wright Lab. [RSVP here](#).

3:30 p.m.

Physics Club, SPL 59. **Karsten Heeger,**

Yale, "[Department Welcome 2019](#)". Chair Karsten Heeger will provide an overview of the state of the department, outline planned activities, and introduce our new graduate class and other members of the department. Following the event, we will gather for coffee, snacks, and conversations.

Tuesday, September 10

9:00 a.m.

Dissertation Defense, SPL 57. **Charles Brown, Yale**, "[Optical, Mechanical and Thermal Properties of Superfluid Liquid Helium Drops Magnetically-Levitated in Vacuum](#)"

12:00 p.m.

WIDG Seminar, WLC-245. **Yogesh Patil, Yale**, "[Quantum Optomechanics with Superfluid Helium](#)". Pizza lunch will be provided outside of WLC-245 starting at 11:45 a.m. [RSVP required for the pizza](#).

Wednesday, September 11

6:00 p.m.

Physics & Applied Physics Annual Welcome Reception, LFOP, 355 Prospect St.

Thursday, September 12

1:00 p.m.

NPA Seminar, WL-216. **Danielle Speller, Yale**, "[New Results from the CUORE Experiment](#)". Lunch will be served at noon in WLC-245; [RSVP required](#).

To submit your event or news item to these weekly announcements, please email victoria.misenti@yale.edu.

Environmental Health & Safety (EHS) Shop Orientations

EHS Orientations are offered 6 times a year at Wright Lab—twice at the beginning of each semester and twice in the beginning of the summer. The 1-hour orientation is required to be taken once by anyone who would like to gain access and make use of the research shops at Wright Lab. This includes the Teaching Shop and the Research Support Shop.

Next two are September 9th & 18th.

Personal Protective Equipment (PPE)

Yale requires all people working in hazardous material laboratories to wear safety glasses or prescription glasses at all times. Additional PPE may also be required depending on specific spaces and tasks.

CAD computers

WL208 houses a remote operations center and two medium performance CAD computers.

The CAD computers just had their hard drives replaced. You are expected to back up your own files elsewhere.

APC and Workshops

WL105 houses the Advanced Prototyping Center. Contact james.nikkel@yale.edu if you would like to use any of the equipment.

Workshops will be held again on abrasive water jet cutting, laser cutting, and 3D printing. There will be a new workshop on micro-controllers this fall as well. Contact james.nikkel@yale.edu if you are interested, or have any ideas for additional workshops.

The WL Experiment Advisory Committee

James Nikkel
Jeff Ashenfelter
Sid Cahn
Steve Lamoreaux

2 main roles:

Reviews experimental plans for projects conducted in shared spaces to help identify problems and conflicts

Does **not** replace the function of Yale EH&S

Works with groups on allocating and planning usage of shared spaces at WL

The Vault

The large clean rooms (WL103 and WL106)

The high bay labs (WL110 and WL111)

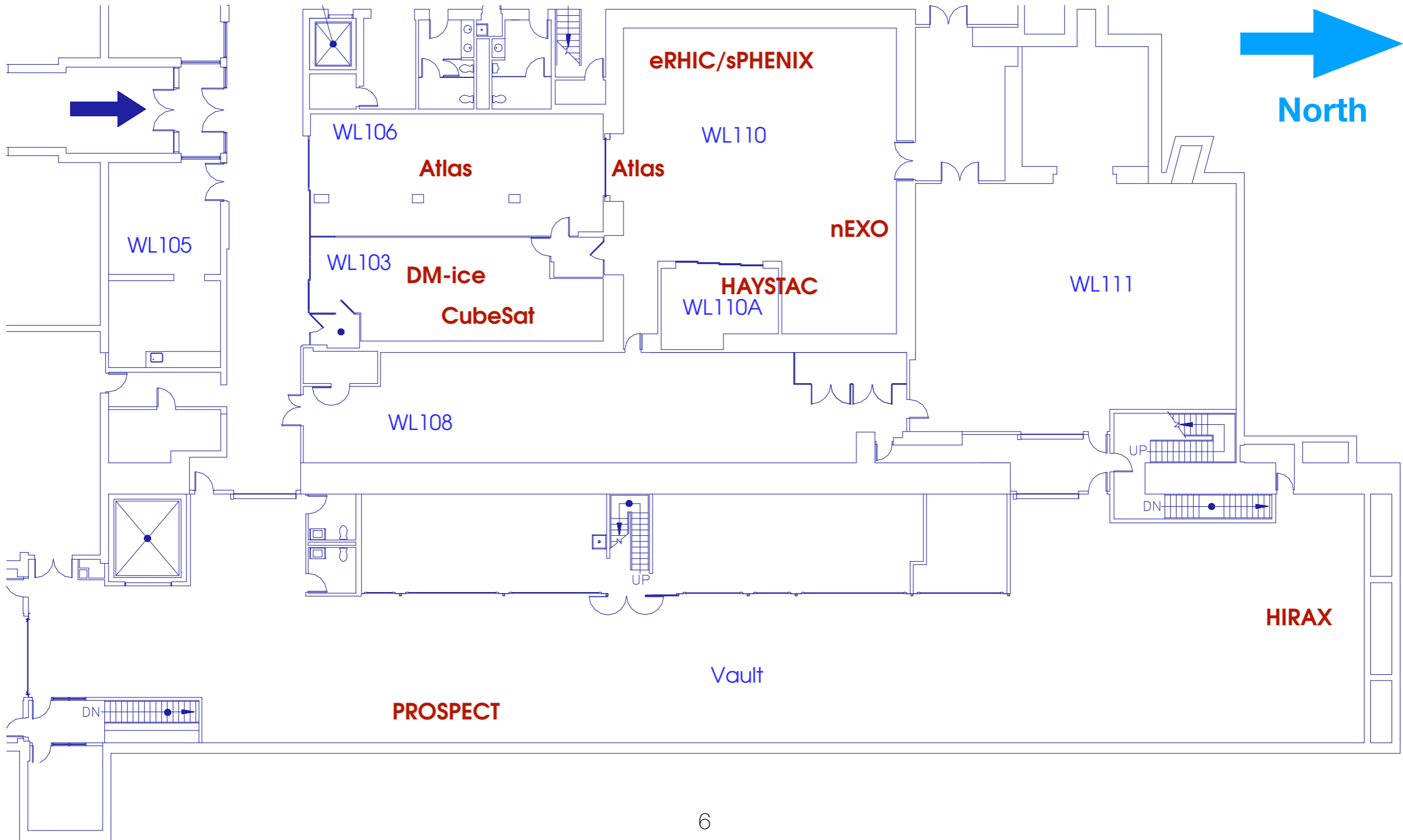
Example space plan

Atlas: 4-5 +years

CubeSat: launch in 2021

HIRAX: 1-2 +years

nEXO: 3-4 +years



Project:

PI:

User:

**Contact names and
phone numbers (2):**

Contact emails:

Start date:

Estimated end date:

Other information: