Participant Guide for Research Experience for Undergraduate (REU) Students

Summer 2016
GREETINGS!

Welcome to the Cornell Laboratory for Accelerator-based Sciences and Education and Cornell High Energy Synchrotron Source at Cornell University. We all hope that your time at Cornell will be interesting, stimulating and enjoyable. We are excited that you will join our research group for this summer, and we stand ready to help you in the busy and challenging weeks ahead.

Please look over the following information. If you have questions, comments or suggestions for other items to include in this guide in the future, please stop by to see Monica Wesley in 130 Newman Laboratory (#607-2555-4952), or Gina Hurny at Wilson Laboratory Center Modular Unit (eXploration station) (#607-255-2319).
PROGRAM STAFF and PARTICIPANTS:

The program staff and participants are listed on our web page:
http://www.classe.cornell.edu/StudentOpportunities/ReuProgram.html

This guide will also appear on that page. The program is funded by the National Science Foundation. Georg Hoffstaetter is the principal investigator (PI) on the REU award, and Ivan Bazarov is the co-PI. Gina Hurny serves as your main point of contact for the summer undergraduate research programs. Monica Wesley is the head of the administrative staff supporting our effort. Lora Hine is involved in planning and coordinating outreach events. Please see one of us any time you have a question.

STIPEND CHECKS:

Stipends will be paid in three increments during the 10-week program. The first check will be issued during Orientation on June 6, second check on 6/17, and the final check on August 12 during your final Presentation day of the summer program.

ORIENTATION DAY AGENDA (Monday, June 6):

10:00-11:00am  Orientation session, 301 Physical Sciences Building (PSB)
11:00-noon    Mentors introduce projects
Noon-1:00pm    Lunch with mentors

TOURS / LECTURES:

The calendar for the two months of June/July is available at the SRCCS web site. We have a number of interesting lectures and presentations planned, so please be sure to regularly consult the calendar. We will also send email reminders of upcoming events. Full participation is expected.

Several tours of other facilities may be scheduled for this summer. If any other interesting events come up, we will post links on the REU site.

Two key dates to add to your calendar:

Tuesday, June 7
9:00 – 10:15 am  Wilson Lab Safety Orientation
374 Wilson Lab

Thursday, June 16
6:00 – 7:30 pm  Summer Research Student Welcome Dinner
Clark Hall Atrium
REPORTS:

You will give your description and plans for your project Friday June 24\textsuperscript{th} (from 2:00-4:00pm in the PSB 301. These are brief 10-minute presentations. We have projectors for pdf files, or other computer formats.

You will give a final presentation on your research on Friday August 12\textsuperscript{th} (from 10:00am-2:30pm, lunch included) in PSB 401 (location to be confirmed). You will prepare a paper and a 20-minute presentation summarizing your summer research. We wish to have all the reports have a common "look and feel" and will be providing templates for your use. Please plan to stay in Ithaca for the duration of that week!

OUTREACH

With help from the Xraise outreach program, you will dry run and conduct one outreach activity requiring between 6-8 hours of your time this summer. Some activities are geared towards the general public while others towards specific audiences (elementary school students, etc.) Details and dates will follow soon.

CORNELL-WIDE ACTIVITIES:

The various summer programs on campus are attempting to become better coordinated, thus affording REU participants a wider array of activities and opportunities. The combined housing in Hans Bethe House and/or the Flora Rose House is one such endeavor. A link on our web site takes you to some of these programs.

INTERNET ACCESS FOR BETHE HOUSE:

REU students who wish to have internet access from their rooms need to use their Cornell NetID. With a CU NetID the student can then complete an interactive form for a ResNet account that will give them access to Cornell’s connections to the world. Rooms at Rose House have wired Ethernet connections and many of the Rose House common areas have wireless access.

MAIL:

In addition to your personal mailboxes at Bethe House, we will have one shared SRCCS/REU mailbox at Newman Lab. The proper addresses to use: “Your Name” (SRCCS), 134 Newman Lab, Ithaca, NY 14853.
E-MAIL:

At this point we will be using your “home” email address only and not inventing Cornell addresses for you.

PHONE CALLS:

Students must use personal cell phones for making all personal long distance phone calls. Phone calls from the Lab to other locations on campus can be made by dialing the five-digit number (Ex: #255-2319 can be dialed as 5-2319). Personal cell phones are, of course, another option. Local phone calls require a “9” to get to an outside line before the 7-digit number.

CORNELL INFORMATION AND REFERRAL CENTER

The Information & Referral Center in Day Hall, maintained by the Office of Campus Information and Visitor Relations, is the primary source of general information for students, staff members, visitors and other guests of the Cornell Community. It provides information on events, transportation, athletics, and special programs.

Information Tools

The Center produces many printed and computerized information tools, including “Visiting Cornell”, “The HELP Sheet”, “The Cornell Pocket Calendar”, “The University Calendar”, “Cornell Facts”, and “This is Cornell”. More than 100 other specialized publications are available by request.

E-Mail: info@cornell.edu
Web address: http://www.cornell.edu/contact/

CAMPUS TOURS

The Information and Referral Center conducts student-guided walking tours of the campus for about 20,000 visitors each year and provides specialized tours, for groups or individuals that feature Cornell's history or research facilities.

Between April 1 and December 1 walking tours depart from the Information and Referral Center in the Day Hall lobby at 9:00 a.m., 11:00 a.m., 1:00 p.m., and 3:00 p.m. Monday through Friday, and 9:00 a.m., 10:30 a.m. and 1:00 p.m. on Saturday, and 1:00 p.m. on Sunday.
A 20-minute video presentation about Cornell University is shown prior to each tour. The tours are mostly outdoors; each lasts about an hour and fifteen minutes and includes information about Cornell’s undergraduate, graduate, and professional schools and colleges. The tour routes are accessible to wheelchairs. Please advise the tour guide of any special needs.

GANNETT HEALTH CENTER

Location: 10 Central Avenue, next to Willard Straight Hall, phone 5-5155

Gannett Health Center offers emergency medical services with access to emergency care at the Cayuga Medical Center of Ithaca and referral to specialty medical care. Summer hours are Monday through Friday, 8:30 a.m. to 4:30 p.m. Students visiting for the summer are not covered under any Cornell insurance plan, and are expected to pay for any medical and emergency services while they are here. For more information: https://www.gannett.cornell.edu/

PUBLIC TRANSPORTATION

The city bus service is TCAT (607) 277-RIDE. Free maps are available on buses and at the Day Hall Information Desk. Additional information can be found at: http://www.tcatbus.com/ride/

There is also a Cornell–operated bus service connecting the Ithaca and NYC campuses. Information on this service is available at:
https://transportation.fs.cornell.edu/default.cfm

BANKING

There are a number of banks in the Ithaca area and they vary in the number of services offered, range and extent of operation and ease of access. There are two that offer on-campus services:

Tompkins Trust Company (https://www.tompkinstrust.com/) and the Cornell Community Credit Union (https://www.mycfcu.com/)

Most of the larger banking companies are members of ATM (automatic teller machine) chains and can be accessed from locations out of town or even out of state. There are many ATMs in the Ithaca area as well as on campus. The ATMs located on campus for the Cornell Community Credit Union are located at Kennedy Hall and the Campus Store, the Tompkins Trust Company at the Campus Store Office, and HSBC at the Willard
Straight Hall Office. Check with your bank about obtaining an ATM card. There is usually a charge for using your ATM card from a different bank.

**CORNELL LIBRARIES**

To access the entire Cornell Library selection on line, go to the “Library Gateway” at www.library.cornell.edu. This link contains a catalog for all books, journals, references and other helpful research information available at the multiple libraries at Cornell.

**CORNELL CAMPUS STORE**

Located on the Cornell campus across from Willard Straight Hall at 15 Central Avenue. Open Monday - Friday, 8:30 a.m. - 5:00 p.m. and Saturday, 12 p.m. - 5 p.m. For additional information about satellite locations and hours: https://store.cornell.edu/

**GROCERY STORES**

Students are known to eat occasionally, and not always from vending machines located on the ground floor of Newman Lab, or the 4th floor of Wilson Lab. Below is a list of some of the major grocery stores, open 24 hours a day, in the Ithaca area:

**Tops Friendly Market**
http://www.topsmarkets.com/StoreLocator/Store_Detail_S.las?L=525&S=710 S Meadow St. 275-8041

**P&C Fresh**
http://www.pandcfresh.com/ 315 Pine Tree Rd -East Hill Plaza 272-5836

**Wegmans Food & Pharmacy**
http://www.wegmans.com/webapp/wcs/stores/servlet/HomepageView?storeId=10052&catalogId=10002&langId=-1&clear=true 500 S Meadow St. 277-5800

**EATING OUT**

This can be a difficult enterprise on a student’s income, but we encourage you to occasionally treat yourself! Listed below are a few of the more reasonable restaurants in the Collegetown area.
<table>
<thead>
<tr>
<th>Restaurant</th>
<th>Cuisine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aladdin’s Natural Eatery (100 Dryden Rd.)</td>
<td>variety</td>
</tr>
<tr>
<td>Little Thai House (202 Dryden Road)</td>
<td>Thai, Chinese</td>
</tr>
<tr>
<td>Sangam (424 Eddy Street)</td>
<td>Indian</td>
</tr>
<tr>
<td>Souvlaki House (315 Eddy Street)</td>
<td>pizza, gyros, dinners</td>
</tr>
<tr>
<td>The Nines (311 College Avenue)</td>
<td>pizza</td>
</tr>
</tbody>
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You can order online to several area restaurants. The web address is [http://www.campusfood.com/Campus.asp?CampusId=27&DoDelivery=1](http://www.campusfood.com/Campus.asp?CampusId=27&DoDelivery=1).


**MOVIES**

**Cornell Cinema**, Willard Straight Hall, campus, 255-3522

Cornell Cinema offers the widest variety of movies around. Showing a movie nearly every night, the Cornell Cinema rolls everything from the Classics, to documentaries, to recent releases. For show times and prices: [http://cinema.cornell.edu/](http://cinema.cornell.edu/)


**Cinemapolis**, 120 E. State St., 277-6115

This cinema shows independent films and has an upscale snack bar. [http://www.cinemapolis.org/](http://www.cinemapolis.org/)

**Fall Creek Pictures**, 120 E. Green St., 273-0107

A small theater with occasionally offbeat films. [http://www.showbizcinemas.com/location/42835/Fall-Creek-10-Showtimes/2016-04-30](http://www.showbizcinemas.com/location/42835/Fall-Creek-10-Showtimes/2016-04-30)