

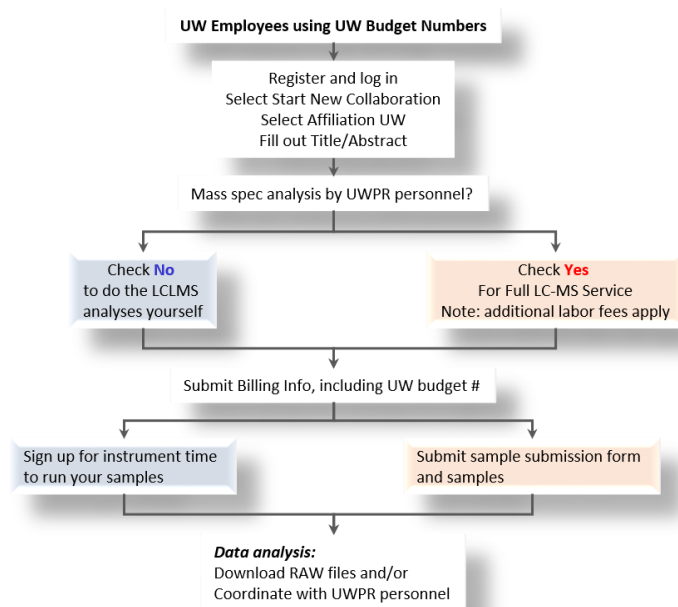
## UWPR Resources Usage Guidelines

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Overview

UW internal



All other collaborators

UWPR is currently only working with UW researchers that have UW worktags (budget number).

## Collaboration initiation and instrument scheduling

### Register and log in

New users must register first, and then login via the website: <https://proteomicsresource.washington.edu/index.php>

### Submit project information

Click on “**Start new collaboration**” and submit an abstract briefly describing your project.

Affiliation: choose University of Washington. Note you will need a current UW worktag as payment method.

UW employees using UW worktags can choose between self-service and full LC-MS service (check “Mass Spec analysis by UWPR personnel?” no for self-service or yes for if the LC\_MS analysis will be done by UWPR personnel) Note: different rates apply.

### Submit payment information

After submitting the abstract, you need to submit payment information: view the project page and click on **[Add New Payment Method]** and enter all the billing info (you’ll need a UW worktag, expiration date and contact information of the person managing the worktag).

### Sign up for instrument time, review costs

If you selected self-service, you’ll be able to schedule instrument time. NOTE: If you are a new user, please email us to activate your sign up privileges. If you need assistance (or during the initial training) make sure to coordinate the instrument time with UWPR personnel.

**Do NOT block instrument time unnecessarily! Or your self sign up rights can and will be revoked.**

You can sign up for time blocks (min 4hrs), starting at 10am or 2pm and ending at 2pm, 6pm or 10am. As you sign up for instrument time the associated cost (set-up fee plus the cost for the instrument time) is calculated and displayed in a pop-up window. There is also a link to a summary page with a complete history for this project, with all the instrument time/cost and billing status for each worktag used under that project.

If you can’t use the time you scheduled, cancel it **as soon as possible** but no later than 48hr before the start time of the time block you wish to cancel, after that you will no longer be able to cancel your time. **Note: you will be charged for time you schedule and don’t or can’t cancel yourself!!**

If you sign up into the weekend, be prepared to come in and clean up during the weekend (in case another user signs up starting during the weekend).

If you wish to start during the weekend, make sure to coordinate to pick up a key card during regular business hours.

## Instrument usage

### Training

In order to use the resources, you will have to undergo the appropriate training and follow all the usage guidelines. The level of instruction is such that following completion of the initial training (usually 2 to 4 hrs) and several periods of supervised use; the researcher may exercise independent, unattended use of an instrument with instructor approval. The training is instrument specific and is provided during the signed up instrument time. Training has to be coordinated with UWPR staff.

You can use our [LC-MS setup procedure EASYnLC\(pdf\)](#) as a guide, during and after training.

### Setup time

NOTE: There is setup time required for UWPR staff to get the instrument ready for you, typically this should take less than 30mins. So if your scheduled time starts at 10am, you should be able to start using the instrument by 10:30am.

### What you should provide

- Samples (they should be ready to go, digested and cleaned (no salts, no detergents)), we have a centrifuge for a final spin down and pipettes and tips to transfer them to the autosampler vials,
- Autosampler vials
- Columns/trap: you should provide your own columns and trap columns; if you don't have column packing equipment you can coordinate with UWPR staff to use the packing stations at the UWPR.
- [LC-MS commonly used consumables \(xls\)](#) contains a list of materials
- There is a column packing guide on our website under methods/LC-MS ([Packing capillary columns \(pdf\)](#) )

### What the UWPR provides

- Mass spectrometers: the instruments are calibrated and maintained by UWPR personnel, do not run any calibrations! Check our website for current instrumentation ( <https://proteomicsresource.washington.edu/resources.php> )
- HPLC: the instruments are maintained by UWPR personnel. Check our website for current instrumentation ( <https://proteomicsresource.washington.edu/resources.php> )
- HPLC Buffers (A: 0.1% Formic Acid in Water, Optima LC/MS [Fisher # LS118-4], B: 0.1% Formic Acid in 80% Acetonitrile, Optima LC/MS [Fisher # LS122500])
- Basic lab equipment and supplies, centrifuges, vortex, fridge and -20 freezer for short term sample storage, pipettes and tips, gloves, Eppendorf tubes etc

### When you're done

- Clean up (don't forget your samples), take all your belongings back to your lab (column/trap, vials, samples etc)
- Copy your data (if data is left on pc, we will copy it to our cluster and retain a copy for ~one year)
- Return keycard. Note you'll be given a keycard to access the lab. There is a 20.- dollar charge for lost/stolen keycards. The keycard has to be returned to UWPR staff by the end of your scheduled time.
- **You will be charged instrument time until the key card is returned, and all your stuff is cleaned up.**

## Data analysis

If you need assistance with data analysis, coordinate with Jimmy Eng.

## Billing

Once a month you (or your billing contact person) will be invoiced by Dept. Genome Sciences administration  
Current rates are accessible on the home page when you log in.

Billing is based on the instrument time scheduled/used:

1. The setup fee applies to each consecutive time block that you sign up for. If you sign up for one 24hr block you'll be charged one setup fee. If you sign up for three 8hr blocks, you'll be charged three setup fees.
2. There is a 48 hrs cancellation period for instrument time, i.e. you can cancel time up to 48hr before the start time of the time block you want to cancel, after that the system will no longer allow you to make changes.  
So it's very simple: you will be charged for the instrument time you didn't or couldn't cancel yourself.
3. You will be charged instrument time until you clean up and return the keycard.
4. If you finish early and clean up/return the key card before the next time block starts, unused time will be backed out to the end of your last acquisition (always rounding up to the next full hour) but no more than back to the end of the previous time block:
  - i. e.g. if you are signed up until 10 am, time from the end of your last acquisition (always rounding up to the next full hour) will be backed out, maximum back to 6 pm the day before.
  - ii. if you are signed up until 6pm, time will be backed out to max 2 pm that same day.
  - iii. if you are signed up until 2pm, time will be backed out to max 10 am that same day.
  - iv. So for example, if you wish to sign up for the whole weekend (e.g. until Mon 10am), so you don't have to cleanup during the weekend, and your last run finishes e.g. Saturday morning, you will be charged until Sun 6pm.
5. If you can't make it in to clean up and ask UWPR personnel to clean up for you, you will be charged the full time block (no time will be backed out).
6. If you sign up into the weekend, be prepared to come in and clean up your stuff during the weekend.

## The time blocks are

The instrument start and end times are limited to ensure efficient usage of the instruments:

There are two start times: 10am and 2pm and three end times: 10am, 2pm and 6pm.

This will limit the time to sign up for instruments to three basic blocks:

- two 4 hr blocks 10am - 2pm and 2pm - 6pm
- one 8 hr block 10am - 6pm
- and 24 hr block 10am - 10am and 2pm - 2 pm

