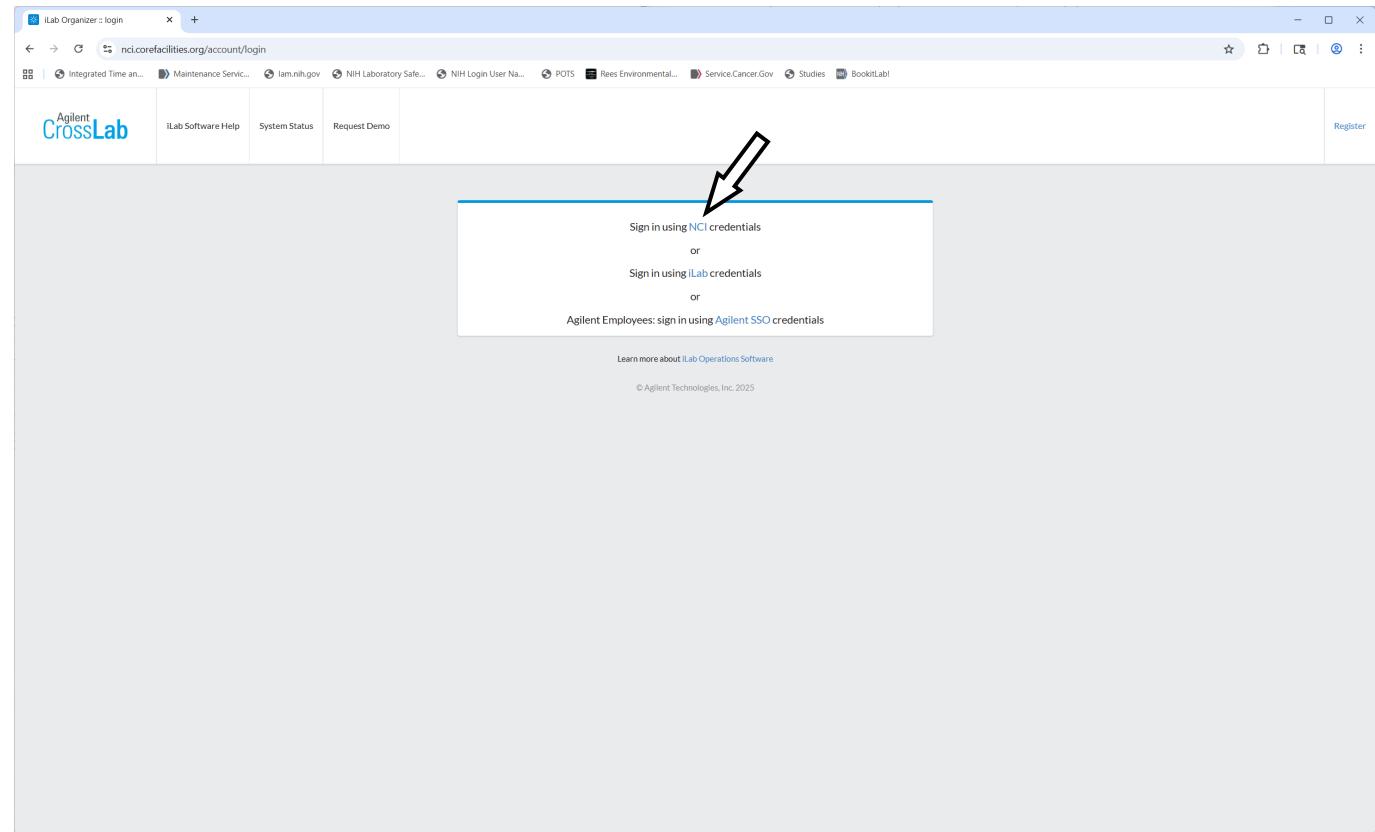


# How to book Instruments in the LCBG Microscopy Core

Use this link to access the iLab Software. Click on the NIH Login to sign in using your NIH PIV card.

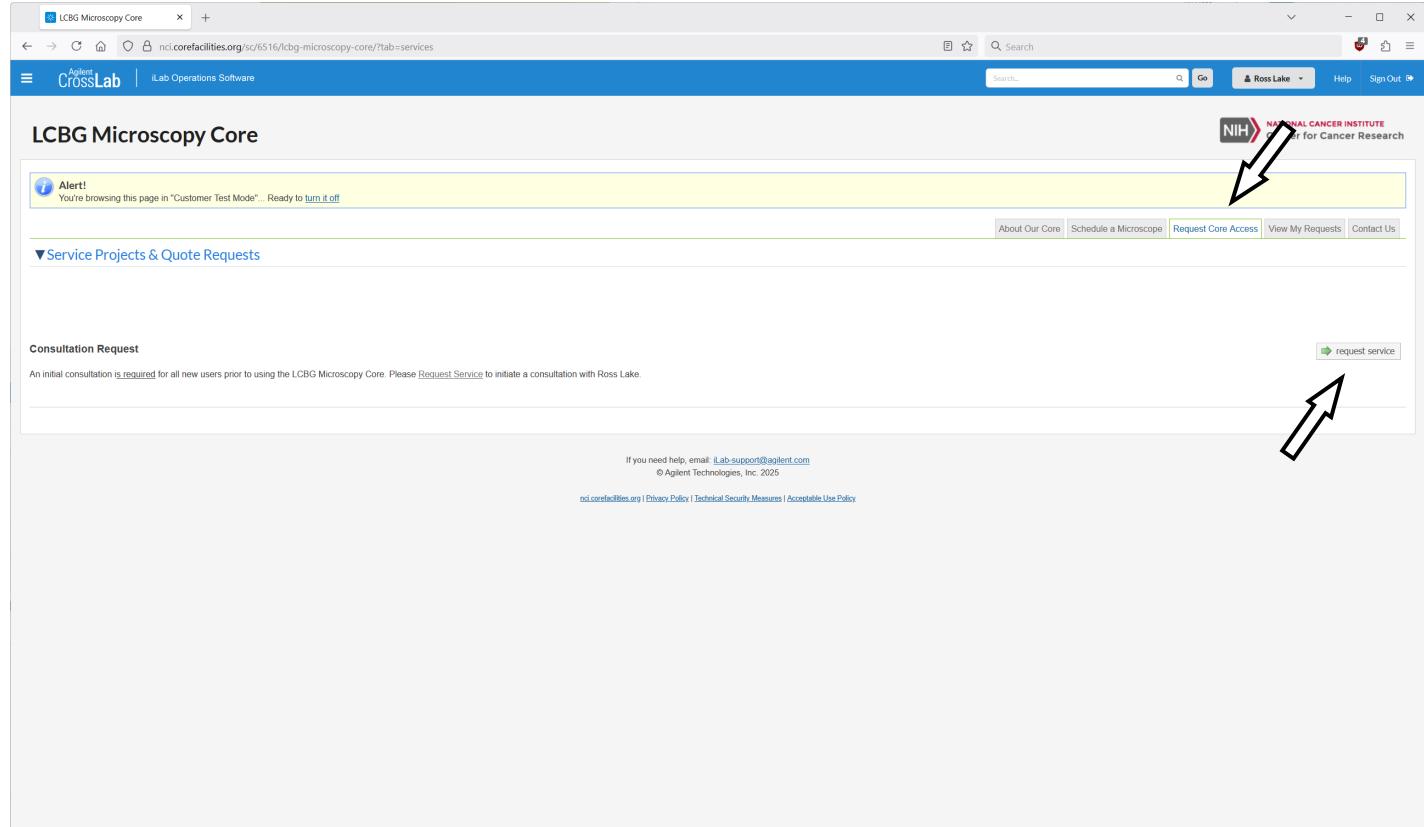
[https://nci.corefacilities.org/service\\_center/6516](https://nci.corefacilities.org/service_center/6516)



# Requesting Access to the Core

Select **Request Core Access** Tab

Select **Request Service** to begin your Core Access consultation



# Requesting Access to the Core

Complete the Consultation Request Form with details about your Sample Type, Imaging Modality, Fluorophores, and desired Training Times

Select **Save Completed Form** and **Submit the Request to the Core**

The Core will schedule your training at a mutually acceptable time

Once trained, you are will be free to book time independently

Request Name: LCBGMC-RL-[CID]  
Customer: Ross Lake Lab: Lake, Ross (NCI) Lab  
Email: laker@mail.nih.gov Phone: 2407606824

Forms and Request Details

[View Form](#) LCBG Core Final Request Form

All questions identified by a red star are required in order to submit the completed form for review.

★ Please describe your project goals and needs:

★ Your Lab/Branch  
★ Instrument You Desire Training On:  
★ Sample Type:  
★ Imaging Modality:  
★ Fluorophores To Be Used:  
(Select all that apply)

First Choice  
Second Choice  
Third Choice

★ Please state your availability for the next two weeks:

Staff Only

Date of Training:   
Instrument of Training:   
Trainer:  Ross Lake

Please save your form!  save completed form  save draft of form

⚠ After saving your form, please submit your request to the core.

Cost

The core will review and update this projected cost. You will only be billed for completed work.

Total Projected Cost: \$  0.00

Payment Information

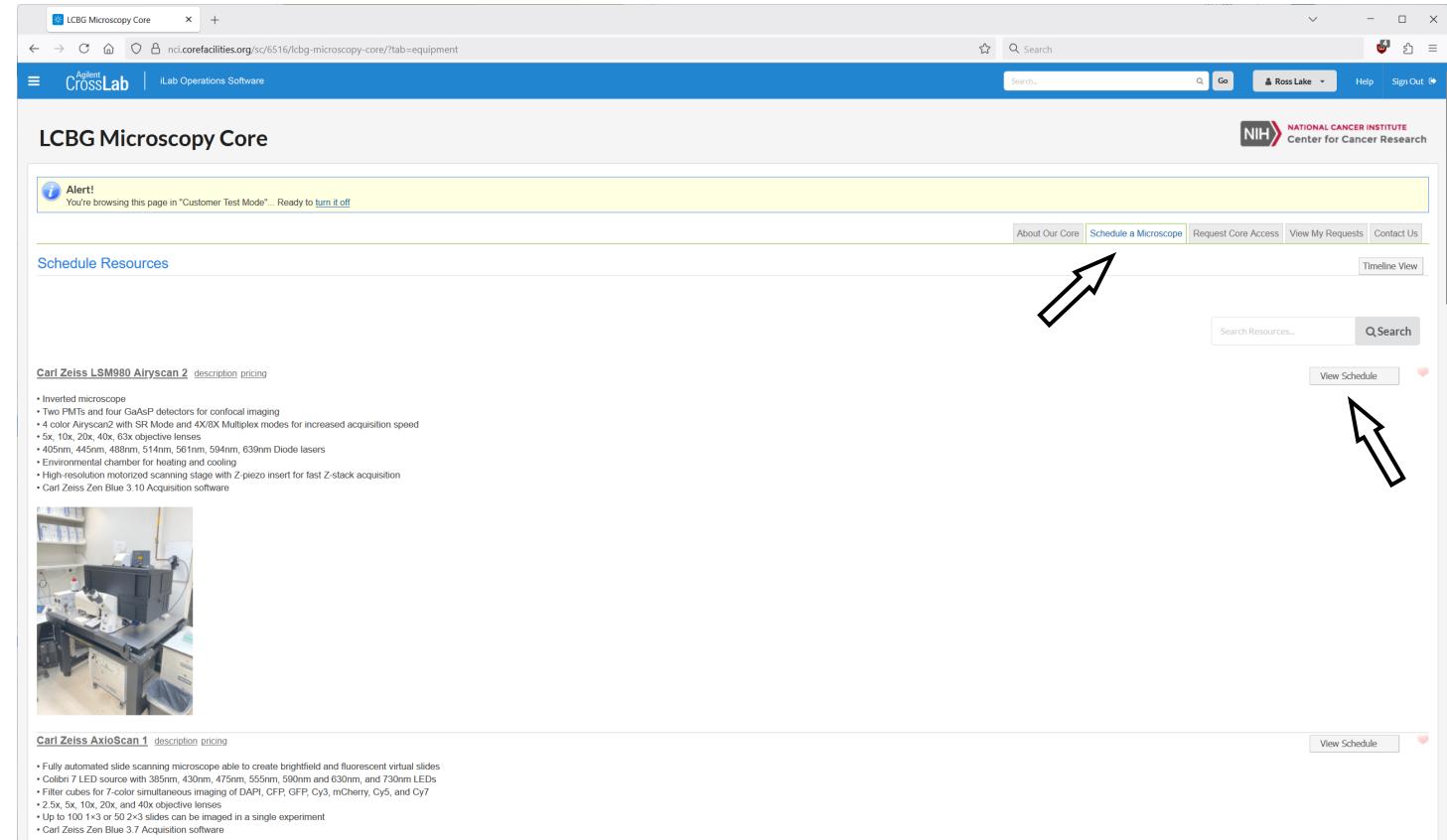
enter additional payment information

submit request to core  save draft request  Cancel

# Scheduling time on a Microscope

Select **Schedule a Microscope** Tab

Select **View Schedule** for the instrument you wish to reserve



Carl Zeiss LSM980 Airyscan 2 [description](#) [pricing](#)

- Inverted microscope
- Two PMTs and four GaAsP detectors for confocal imaging
- 4 color Airyscan2 with SR Mode and 4X/8X Multiplex modes for increased acquisition speed
- 5x, 10x, 20x, 40x, 63x objective lenses
- 405nm, 445nm, 488nm, 514nm, 561nm, 594nm, 630nm Diode lasers
- Environmental chamber for heating and cooling
- High-resolution motorized scanning stage with Z-piezo insert for fast Z-stack acquisition
- Carl Zeiss Zen Blue 3.10 Acquisition software



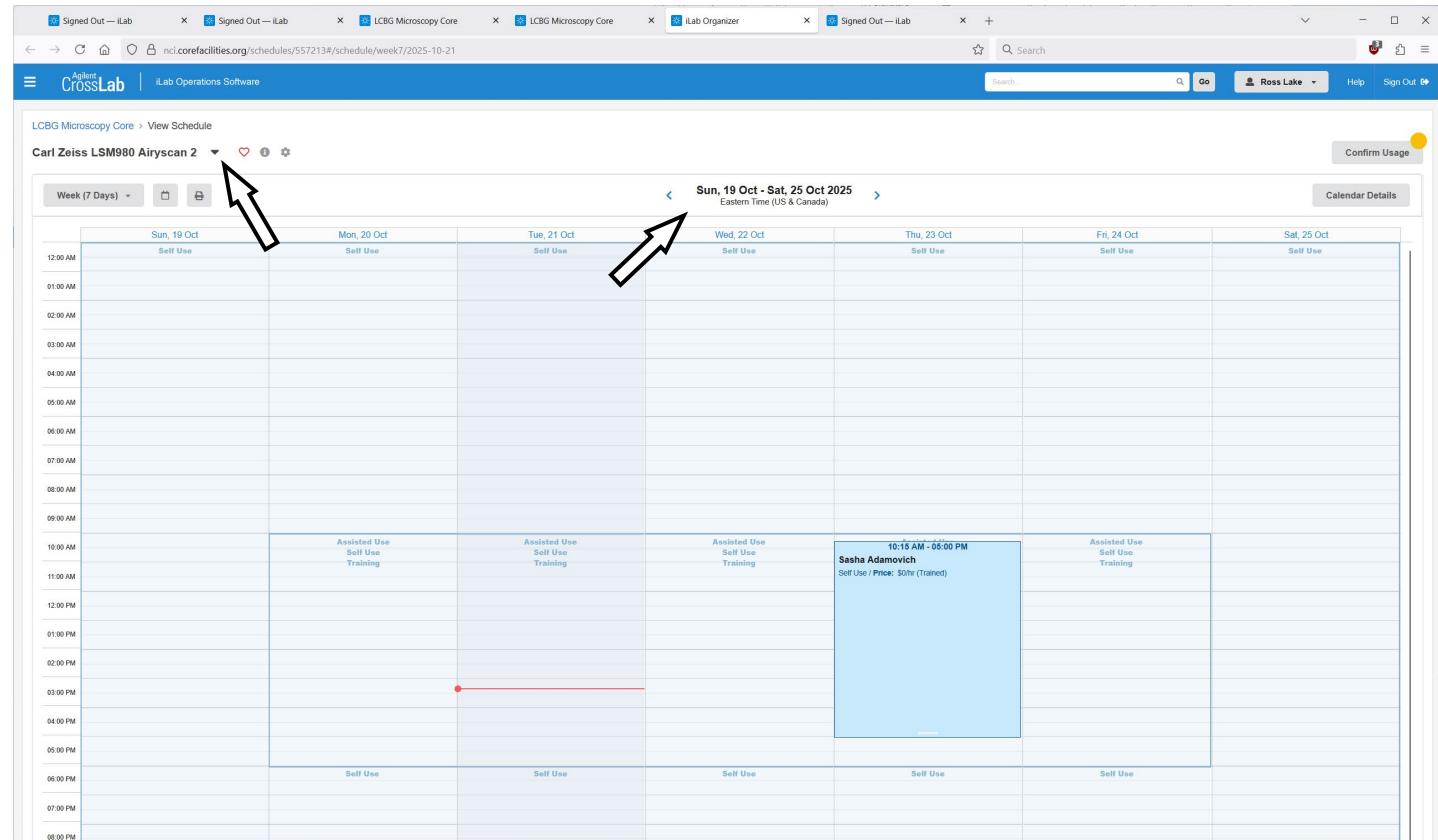
Carl Zeiss AxioScan 1 [description](#) [pricing](#)

- Fully automated slide scanning microscope able to create brightfield and fluorescent virtual slides
- Cobalt 7 LED source with 385nm, 430nm, 475nm, 555nm, 590nm and 630nm, and 730nm LEDs
- Filter wheel with 7-color sequential imaging of DAPI, CFP, GFP, Cy3, mCherry, Cy5, and Cy7
- 2.5x, 5x, 10x, 20x, and 40x objective lenses
- Up to 100 1x3 or 50 2x3 slides can be imaged in a single experiment
- Carl Zeiss Zen Blue 3.7 Acquisition software

# Scheduling time on a Microscope

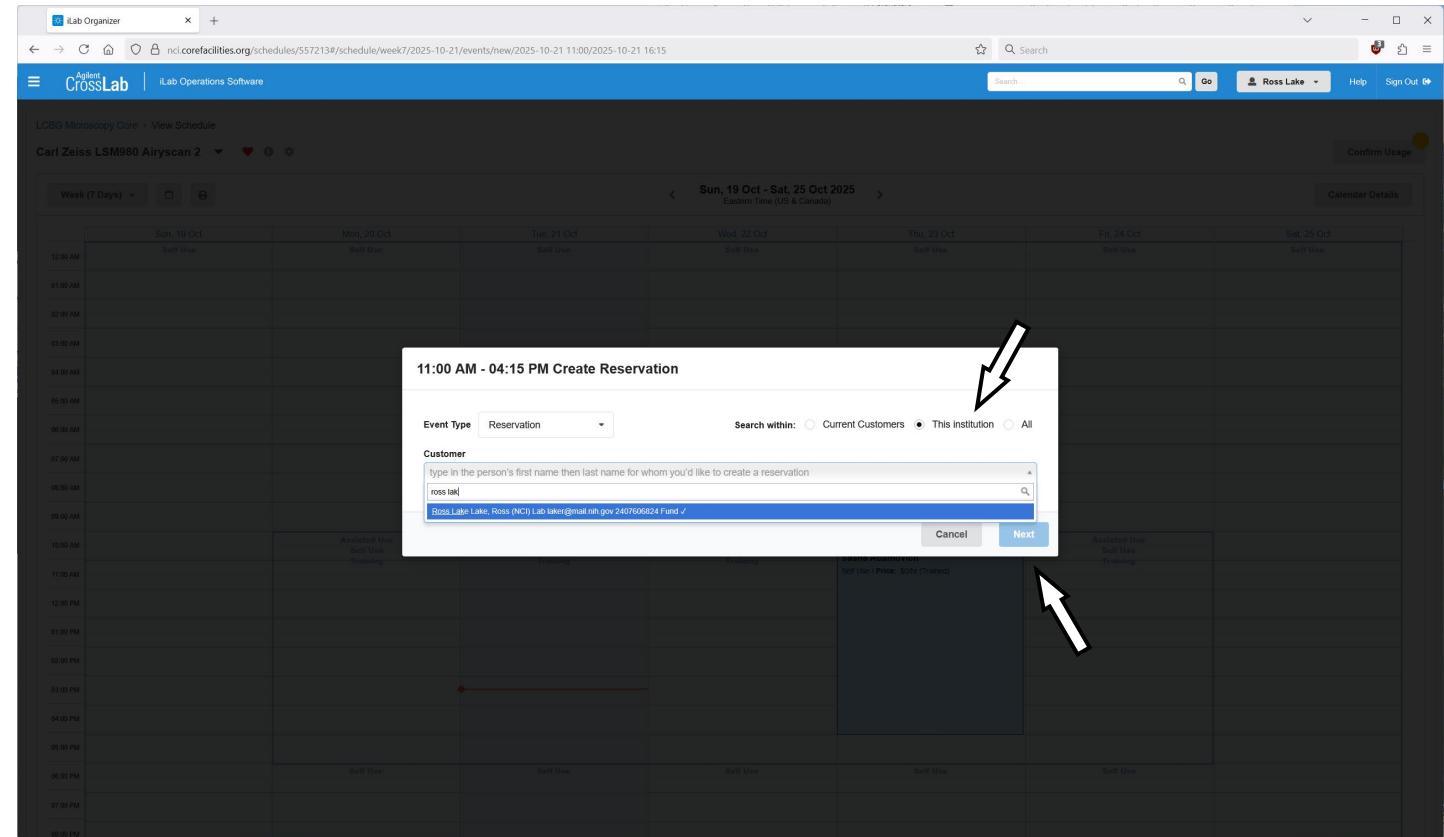
Using your mouse, drag and select your desired time to book on the calendar

You can select a different instrument, or scroll to a subsequent week



# Scheduling time on a Microscope

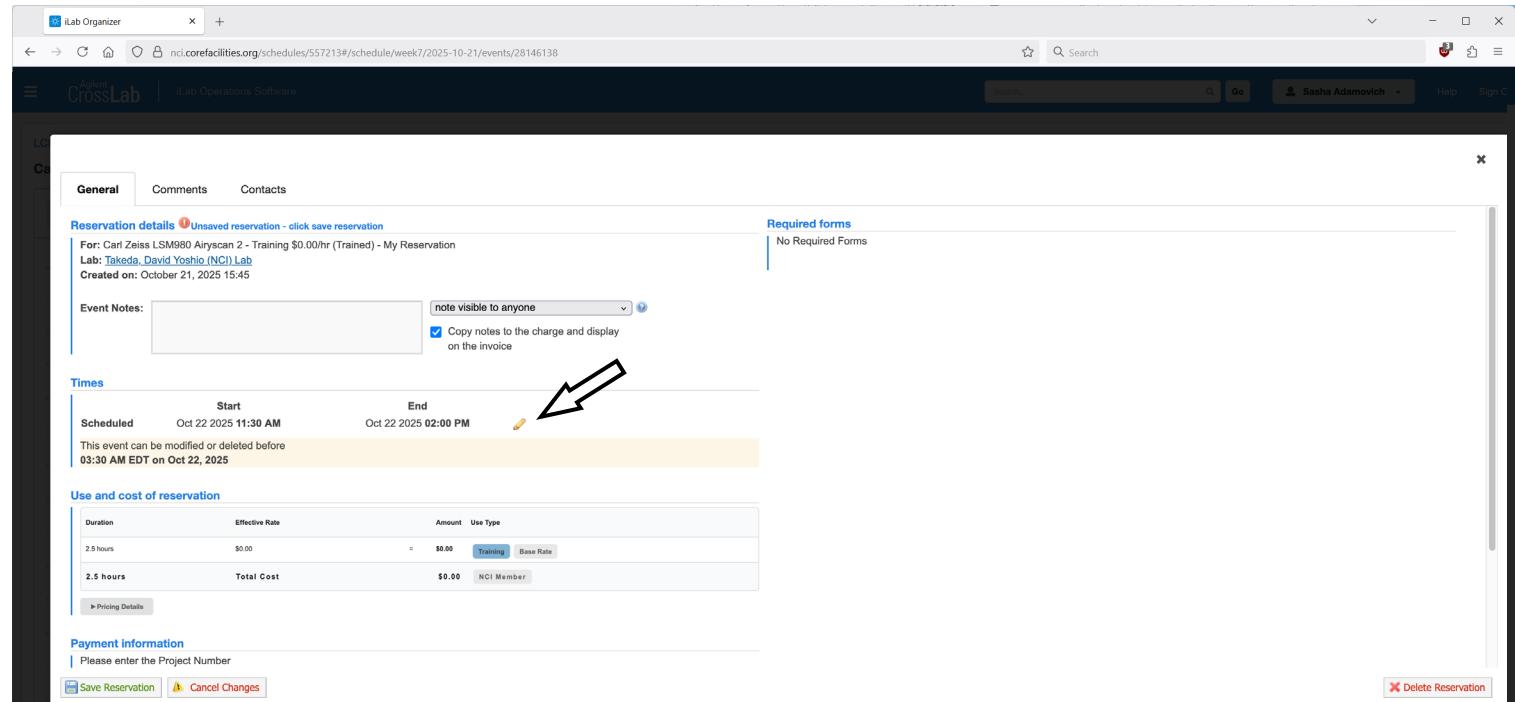
Search for your name and select **Next**



# Scheduling time on a Microscope

You can edit the day and times of your desired reservation by clicking on the pencil

Select **Save Reservation** to confirm your instrument reservation



The screenshot shows a reservation for a Carl Zeiss LSM980 Airyscan 2 - Training. The reservation is for 2.5 hours on Oct 22 2025 from 11:30 AM to 02:00 PM. The 'Start' and 'End' times are both set to Oct 22 2025 11:30 AM. There is a pencil icon next to the 'End' time, which is highlighted with a yellow arrow. Another yellow arrow points to the 'Save Reservation' button at the bottom of the form. The 'Comments' and 'Contacts' tabs are visible at the top of the form.

**Reservation details** (1) Unsaved reservation - click save reservation  
For: Carl Zeiss LSM980 Airyscan 2 - Training \$0.00/hr (Trained) - My Reservation  
Lab: [Takeda, David Yoshi \(NCI\) Lab](#)  
Created on: October 21, 2025 15:45

**Event Notes:**  note visible to anyone  
 Copy notes to the charge and display on the invoice

**Times**  
**Scheduled** Start: Oct 22 2025 11:30 AM End: Oct 22 2025 02:00 PM   
This event can be modified or deleted before 03:30 AM EDT on Oct 22, 2025

**Use and cost of reservation**

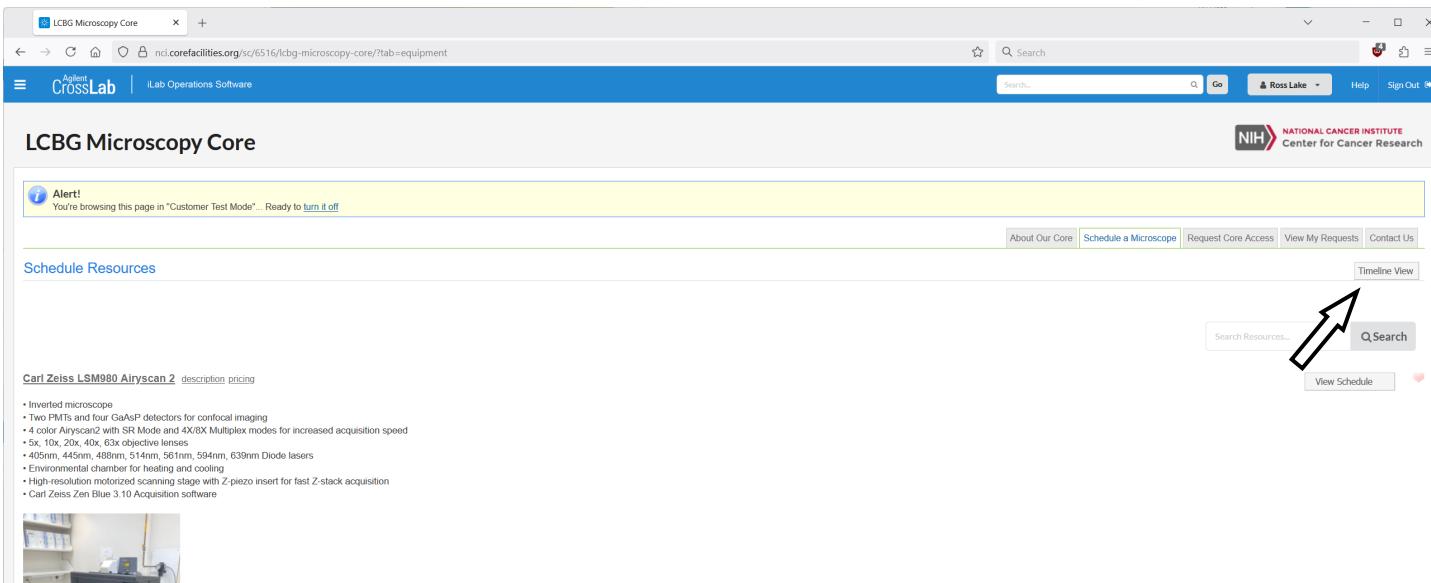
Duration	Effective Rate	Amount	Use Type
2.5 hours	\$0.00	\$0.00	Training Base Rate
2.5 hours	Total Cost	\$0.00	NCI Member

**Payment information**  
Please enter the Project Number

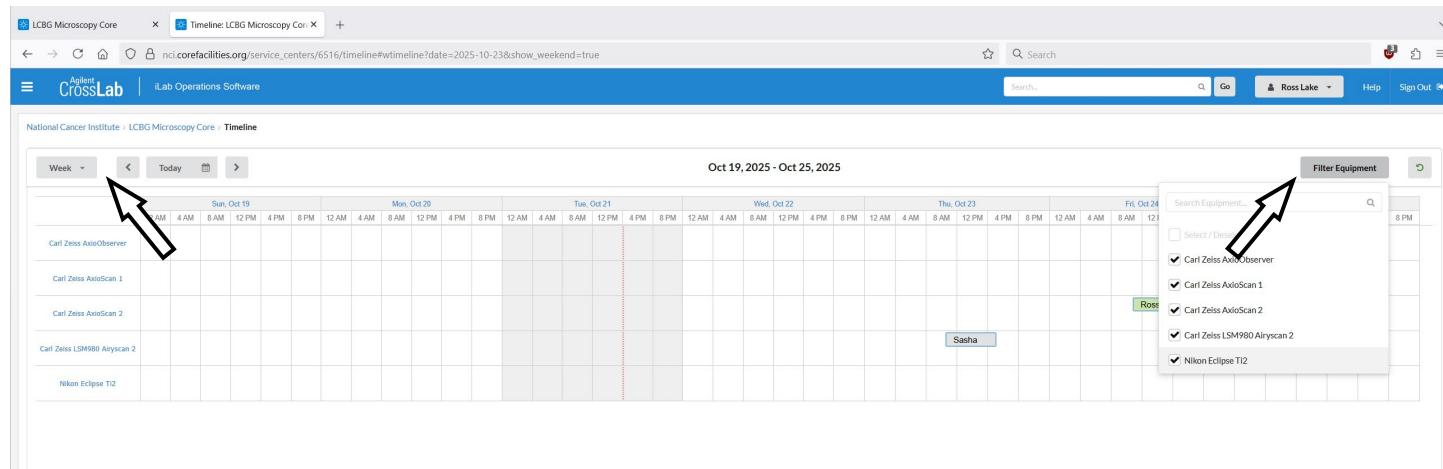
# Viewing Calendar

You can switch to a timeline view of the calendar with multiple instruments

You can customize the instruments and view a week or a single day using dropdowns



This screenshot shows the LCBG Microscopy Core equipment page. At the top, there is an alert message: "Alert! You're browsing this page in 'Customer Test Mode'... Ready to [turn it off](#)". Below the alert, there is a "Schedule Resources" section. The main content is about the "Carl Zeiss LSM980 Airyscan 2", with links for "description" and "pricing". A bulleted list details its features, including an inverted microscope, four GaAsP detectors, and various objective lenses. Below the text is a small image of the instrument setup. At the bottom right of the page, there is a "Search Schedule" button with an arrow pointing to it.



This screenshot shows the LCBG Microscopy Core timeline view. The top navigation bar includes "Timeline: LCBG Microscopy Core" and "Oct 19, 2025 - Oct 25, 2025". The main area is a grid showing the availability of various instruments over time. The instruments listed are: Carl Zeiss AxioObserver, Carl Zeiss AxioScan 1, Carl Zeiss AxioScan 2, Carl Zeiss LSM980 Airyscan 2, and Nikon Eclipse Ti2. A dropdown menu at the top left shows "Week" selected. A dropdown menu at the top right shows "Filter Equipment" selected. A search bar and a "Select / Design" button are also visible. A list of checked instruments on the right includes: Carl Zeiss AxioObserver, Carl Zeiss AxioScan 1, Carl Zeiss AxioScan 2, Carl Zeiss LSM980 Airyscan 2, and Nikon Eclipse Ti2. An arrow points to the "Select / Design" button, and another arrow points to the "Filter Equipment" dropdown.

# All Subsequent Microscope Bookings

All subsequent bookings can be made on the instrument's calendar using your mouse to drag and select your desired time if it is free

LCBG Microscopy Core | iLab Organizer | [net.corefacilities.org/schedules/557213/schedule/week7/2025-10-21](https://net.corefacilities.org/schedules/557213/schedule/week7/2025-10-21)

Agilent CrossLab | iLab Operations Software

LCBG Microscopy Core > View Schedule

Carl Zeiss LSM980 Airyscan 2

Sun, 19 Oct - Sat, 25 Oct 2025  
(Eastern Time (US & Canada))

Week (7 Days) | [Search...](#) | [Go](#) | [Ross Lake](#) | [Help](#) | [Sign Out](#)

Week (7 Days) | [Calendar Details](#)

12:00 AM | Mon, 20 Oct | Tue, 21 Oct | Wed, 22 Oct | Thu, 23 Oct | Fri, 24 Oct | Sat, 25 Oct

01:00 AM | Self Use | Self Use

02:00 AM |   |   |   |   |   |  

03:00 AM |   |   |   |   |   |  

04:00 AM |   |   |   |   |   |  

05:00 AM |   |   |   |   |   |  

06:00 AM |   |   |   |   |   |  

07:00 AM |   |   |   |   |   |  

08:00 AM |   |   |   |   |   |  

09:00 AM |   |   |   |   |   |  

10:00 AM |   |   |   |   |   |  

11:00 AM |   |   |   |   |   |  

12:00 PM |   |   |   |   |   |  

01:00 PM |   |   |   |   |   |  

02:00 PM |   |   |   |   |   |  

03:00 PM |   |   |   |   |   |  

04:00 PM |   |   |   |   |   |  

05:00 PM |   |   |   |   |   |  

06:00 PM |   |   |   |   |   |  

07:00 PM |   |   |   |   |   |  

08:00 PM |   |   |   |   |   |  

09:00 PM |   |   |   |   |   |  

10:00 PM |   |   |   |   |   |  

Assisted Use  
Self Use  
Training

Assisted Use  
Self Use  
Training

Assisted Use  
10:30 AM - 05:00 PM  
Ross Lake  
Self Use / Price: \$0/hr (Trained)

Assisted Use  
10:15 AM - 05:00 PM  
Sasha Adamovich  
Self Use / Price: \$0/hr (Trained)

Assisted Use  
Self Use  
Training

If you need help, email: [lab-support@agilent.com](mailto:lab-support@agilent.com)  
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Please let me know of any issues with iLab or with reserving a microscope

Ross Lake

LCBG Microscopy Core Head

Building 37 Room 1066

Phone : 240-760-6824

LCBG Microscopy Core | iLab Operations Software

Carl Zeiss LSM980 Airyscan 2

Sun, 19 Oct - Sat, 25 Oct 2025

Eastern Time (US & Canada)

Week (7 Days) | Mon, 20 Oct | Tue, 21 Oct | Wed, 22 Oct | Thu, 23 Oct | Fri, 24 Oct | Sat, 25 Oct

12:00 AM - 10:00 PM

10:30 AM - 05:00 PM (Assisted Use, Self Use / Price: \$0hr (Trained))

10:15 AM - 05:00 PM (Assisted Use, Self Use / Price: \$0hr (Trained))

If you need help, email: [iLab-support@agilent.com](mailto:iLab-support@agilent.com)  
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