

The 2021 Summer Undergraduate Research Program of Center for Neural Science, New York University

Attendance by SURP Students Required, except where noted
Letters in bold indicate required writing assignments
 Tentative April 11 2021 version

Date	Occasion	Time and place	Leader and participants
<i>Week 1</i> June 1 Tuesday	Orientation and	9am – 6 pm Rm 636, Meyer	All students, Dr. Chiye Aoki, SURP Director
	Introductions	9:00am –12:00pm	Dr. Margarita Kaplow, SURP Co-director Introduce Jessica Holman, Jenna Rice, and Paul Fan
	Lunch break	12pm-1pm	All SURP students, Mentors, CNS coordinators and CNS staff
	Wet Lab Boot Camp I DNA extraction for PCR	1pm-3pm 612 Silver Teaching Lab	All SURP students, Margarita, Larry Le
	Orientation on the use of animals in research	3pm-4pm Rm 636, Meyer	All SURP students, Dr. Lee Ronn-Paluch
	Getting NYU IDs, walk around the neighborhood	4pm-5pm Public Safety Office	All SURP participants, with NYU students
Visit Mentor's lab	5pm-6pm	All SURP participants	
June 2 Wednesday	Orientation on the use of animals in research	11am-12 noon	All SURP students, Dr. Lee Ronn-Paluch
	Wet Lab Boot Camp II: Behavior experiments photo-taxis, odor taxi Running agarose gel	1 pm-4pm Rm 612, Silver	ALL SURP participants, Chiye Aoki, Margarita Kaplow, and Larry Le

<p>June 3 Thursday</p>	<p>Orientation on lab safety</p> <p>Wet Lab Boot Camp III</p> <p>Immunocytochemical visualization of brain specimen by light microscopy, vibratome sectioning.</p> <p>Matlab I</p>	<p>10am-1pm 636 Meyer</p> <p>2pm-5pm</p> <p>Rm 612, Silver</p> <p>612 Silver 4pm-6pm</p>	<p>ALL SURP participants –</p> <p>ALL SURP participants, Chiye Aoki, Margarita Kaplow, Albert Park</p> <p>Instructor: Gerick Lee</p> <p>Title of summer research, due at the end of the day</p>
<p>June 4 Friday</p>	<p>Animal Facility Tour</p>	<p>Meyer Lobby</p>	<p>SURP animal users only (bring your NYU ID)</p>
<p><i>Week 2</i> June 10 Thursday</p>	<p>SURP Group meeting, Weekly discussion</p>	<p>11am-2pm 636 Meyer</p> <p>12-1 Lecture</p> <p>1-2 pm Lunch</p>	<p>Group discussion among SURP students, facilitated by Chiye Aoki</p> <p>Lecture by Professor TBD</p> <p>Submit a revised title and a bibliography</p>

<p><i>Week 3</i> June 17 Thursday</p>	<p>Matlab II</p> <p>SURP Group meeting,</p>	<p>10am-12pm</p> <p>12pm-1pm Lecture</p> <p>1pm-2pm Lunch</p>	<p>Instructor: Gerick Lee Meyer 636</p> <p>Lecture by professor, TBD</p> <p>Submit a rough draft of the Background section of the summer paper</p>
<p><i>Week 4</i></p>			
<p>June 24 Thursday</p>	<p>SURP Group Meeting: Lecture followed by lunch and discussion.</p>	<p>11am- 12pm Rm 636, Meyer</p> <p>12 - 1 pm Lecture 1-2 pm Lunch</p>	<p>Group discussion among SURP students, led by Dr Aoki, then lecture</p> <p>Lecture by Professor, TBD</p> <p>Submit a rough draft of the 'Methods' section of the summer paper</p> <p>SURP mentors survey due</p>

<p><i>Week 5</i> July 1 Thursday</p>	<p>SURP Group meeting, followed by lunch break Lecture on:TBD</p>	<p>11 am-2pm Rm 636, Meyer</p> <p>12pm-1pm Lecture</p> <p>1-2 pm Lunch</p>	<p>Group discussion among SURP students, led by Dr Aoki, then lecture</p> <p>Lecture by Scientist, TBD</p> <p>Submit a ‘pretty good’ draft of the ‘Intro’ section, consisting of the rationale and background material.</p>
<p><i>Week 6</i></p>			
<p>July 8 Thursday</p>	<p>SURP Group meeting, followed by luncheon and Lecture on:</p>	<p>11am-2pm Rm 636, Meyer</p> <p>12pm-1 pm Lecture</p> <p>1pm-2pm Lunch</p>	<p>Group Discussion led by Chiye Aoki</p> <p>Lecture by Scientist, TBD</p> <p>Submit a rough draft of the Results section (Imaginary graphs, tables, and drawings that shows the kind of data you <i>hope</i> to collect plus interpretation of expected results)</p>
<p><i>Week 7</i> July 15 Thursday</p>	<p>SURP Group meeting, lecture followed by lunch and discussion</p>	<p>11 am-2pm Rm 636, Meyer</p> <p>12pm-1pm Lecture</p> <p>1-2pm Lunch</p>	<p>Group Discussion led by Chiye Aoki,</p> <p>Lecture by Scientist TBD</p> <p>Submit a ‘pretty good’ draft of the “Methods’ section of the summer paper and any update on results</p>

<p><i>Week 8</i> July 22 Thursday</p>	<p>SURP Group meeting, followed by lunch break</p> <p>Lecture on: TBD</p> <p>Group Meeting Lunch, 5 minute PowerPoint presentations by students</p>	<p>11 am – 2pm Rm 636 Meyer</p> <p>12pm-1pm Lecture</p> <p>1pm-2pm Lunch</p>	<p>Group discussion led by Chiye Aoki</p> <p>Lecture by Scientist, TBD</p> <p>5-min Practice talks by SURP students – mentors welcomed to join</p> <p>Submit a rough draft of the Results and Discussion Section that considers the significance of data to be collected</p>
<p><i>Week 9</i> July 28 Wednesday</p>	<p>Practice session for the Symposium</p>	<p>9am-5pm Rm 636, Meyer</p>	<p>ALL SURP students with Chiye Aoki, Margarita Kaplow and mentors coaching the talks</p> <p>Come with your Full PowerPoint Presentation</p>
<p>July 30 Friday</p>	<p>SURP Symposium!</p> <p>Celebration</p>	<p>9am-3pm Room TBD</p> <p>3-3:30pm</p>	<p>SURP students, open to the public and mentors</p> <p>(Invite your friends and family!)</p> <p>SURP participants and CNS community</p>
<p><i>Week 10</i> August 5 Thursday</p>	<p>SURP Group meeting, lecture followed by lunch and discussion</p> <p>Filling out Survey Monkey</p>	<p>11 am-2pm Rm 636, Meyer</p> <p>12-1 pm Lecture 1-2 pm Lunch</p>	<p>Last day to submit a draft of the entire paper to mentor and Filling out exit surveys</p> <p>Dr. Chiye Aoki</p>

August 6 Friday	SURP students and mentor luncheon DUE- Mentors Survey final evaluation	12-3pm	SURP students and mentors Last day to submit the final version of the summer research paper to mentor and Dr. Aoki
August 7th Saturday	Check out from the dorm		