

The 2005 Summer Undergraduate Research Program
at
the Center for Neural Science
in the City of New York,
New York University

Syllabus

(Attendance Required, except where noted)

(Letters in bold indicate required writing assignments)

Week 1 May 31 Tuesday	Orientation and Welcome Reception hosted by the CNS	10 am – 3 pm Rm 815 Meyer Complex	Chiye Aoki, SURP Director Amy Yochum and Krista Davies, SURP Coordinators
	Orientation to the Shared Histology Facility, Rm 1055 Meyer Complex	10:30-10:55	Claudia Farb, LabSafety Officer
		10:55-11	Paul Fan, Computer
	Orientation on the use of animals for research	11-12:30	Carol Novotney, DVM and Diplomate of ACVIM
		12:30	Greetings, from Dr Tony Movshon, the CNS Director
Buffet Lunch with Mentors	12:30-2 Rm 815 Meyer	All SURP students, SURP mentors and their affiliates	
June 1 Wednesday	Chemical Hygiene and Lab Safety Orientation	815 Meyer 10 - 11:00 am	Justin Wilson
	Tour and Orientation for Rat and Monkey Handlers	Meyer Lobby 12:30-02:30 pm	Wendy Hughes, Veterinary Technical Manager of NYU
June 3 Friday	SURP Group Meeting Lunch & Discussion of Research Titles and lecture On “Developmental Plasticity of the Auditory Brain”	815 Meyer 11-1	Chiye Aoki and SURP students and Lecture by Prof Vibhu Kotak Submit a tentative title of your summer research, by the end of the day

Week 2 June 6 Monday	Welcome Reception hosted by the Graduate School of Arts and Sciences	4 – 6 pm GSAS 6 Washington Sq. North, 1 st fl	Dean Catherine R. Stimpson, Dean David Slocum and the GSAS Office of Academic and Student Life
June 10 Friday	SURP Group Meeting Lunch & Discussion on the significance of your research	815 Meyer 11-1	Lecture by Dr. David Bush on “Are emotional memories forever?” Submit a one-page statement of the rationale of the summer research
Week 3 June 15 June 17 Friday	SURP Outing SURP Group Meeting Lunch, discussion of one key finding that is relevant to your research, and a lecture on “Mid-level vision: What it is and why we should care”	Meet in lobby Of Meyer 7pm 815 Meyer 11-1	Blue Man Group – Off Broadway Show For SURP students and mentors Chiye Aoki and a lecture by Professor Nava Rubin Submit a rough draft of the Background section of the summer paper
Week 4 June 24 Friday	SURP Group Meeting Lunch, Discussion about a lab technique you’ve learned, and lecture on “How Neuron is like a lymphocyte”	815 Meyer 11-1	Chiye Aoki and a lecture by Professor Carol Reiss Submit a rough draft of the ‘Methods’ section of the summer paper
Week 5 July 1 Friday	SURP Group Meeting Lunch and lecture on “Development of the visual system”	815 Meyer 11-1	Chiye Aoki and A lecture by Professor Lynne Kiorpes Submit a ‘pretty good’ draft of the ‘Intro’ section, consisting of the rationale and background material.
Week 6 July 8 Friday	SURP Group Meeting Lunch, discussion on methods of analysis and A lecture on “Decisions and the Brain”	11 - 1	Chiye Aoki and A lecture by Professor Paul Glimcher 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 and interpretation of the results)

Week 7 July 15	Group Meeting Lunch, discussion on finding results and a lecture on “Fly’s eye”	11-1	Chiye Aoki and A lecture by Professor Claude Desplan Submit a ‘pretty good’ draft of the “Methods’ section of the summer paper and any update on results
Week 8 July 22 Friday	SURP Symposium practice with Powerpoint Presentations	10-2	SURP students, with Chiye Aoki as their coach Submit a rough draft of the Results and Discussion Section that considers the significance of data collected Come with your PowerPoint Presentation on a CD
Week 9 July 27 Wednesday	Practice session for the symposium	10-2	SURP students with Chiye Aoki and mentors as coaches
July 29 Friday	SURP Symposium! Celebration Luncheon	9-1 1-2	SURP students, open to the public Lunch for SURP participants and CNS community
July 30 Saturday	Yankees game 1 pm	Meet Meet at the Meyer lobby at 11:30	SURP participants and mentors
Week 10 Aug 2 Monday			Submit a draft of the entire paper to mentor and Chiye Aoki
Aug 5 Friday	SURP students and mentor luncheon	1-3	SURP students and mentors Submit the final version of the summer research paper

Suggested weekend outings in July

Fireworks (on 4th of July)

Museum tour

Statue of Liberty

Sailing

Boating/Zoo in Central Park