

Summer 2023 REU Program at Nevis Labs

May/June

Mon	Tue	Wed	Thu	Fri
May 29 MEMORIAL DAY HOLIDAY	30 On-campus day 10:30 Personal Introductions 11:00 Intro to the REU program (J. Parsons) 12:00 Lunch and walk through campus 2:00 REU Lecture: Intro to the Standard Model (G. Karagiorgi)	31 First day at Nevis Labs 9:45 Nevis Orientation and Welcome (J. Parsons) 11:00 Ethics Training (W. Seligman, online) 12:00 Welcome Lunch 1:30 Computing tutorial I (W. Seligman, online)	June 1 9:30 Computing tutorial II (W. Seligman, online) 1:30 Computing tutorial III (W. Seligman, online)	2 On-campus day 9:30 Drop-in Hours for Computing tutorial (W. Seligman, online) 12:30 Free to explore NYC!
June 5	6 3:00 REU Lecture: Neutrino Physics (M. Shaevitz)	7	8	9 On-campus day 1:00 REU Lecture*: Dark Matter (K. Mora) 2:00 Lab Tour: XENON *joint with Columbia plasma undergrad. student cohort
12	13 12:30 REU Lunch 3:00 REU Lecture: RARAF (G. Garty) 4:00 Lab Tour: RARAF	14	15	16 On-campus day 1:00 REU Lecture: Neutron Stars (B. Metzger)
19 JUNETEENTH HOLIDAY	20 3:00 REU Lecture: ATLAS 4:00 Lab Tour: ATLAS	21	22	23 On-campus day 1:00 REU Lecture: VERITAS/CTA (R. Mukherjee)
26	27 3:00 REU Lecture: Astrochemistry (D. Savin) 4:00 Lab Tour: Astrochemistry	28	29	30 On-campus day

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July/August

Mon	Tue	Wed	Thu	Fri	Sat
July 3 DAY OFF Free to explore NYC!	4 JULY 4 HOLIDAY	5	6 12:30 REU Lunch 1:00 Grad School Discussion (G. Karagiorgi & J. Parsons)	7 On-campus day 1:00 REU Lecture*: Plasma Physics (C. Paz-Soldan) 2:00 Lab Tour*: Plasma Physics *joint with Columbia plasma undergrad. student cohort	8
10	11 3:00 REU Lecture: Condensed Matter Physics (R. Queiroz)	12	13	14 On-campus day 1:00 REU Lecture: Biophysics (O. Sahin) 2:00 Lab Tour*: Biophysics	15
17	18 2:00 Lab Tour: VERITAS/CTA 3:00 Lab Tour: Neutrinos and Rare Events	19 Day trip to BNL	20	21 On-campus day 2:00 REU Lecture: Atomic, Molecular, and Optical Physics (A. Asenjo Garcia) 3:00 Lab Tour: AMO	22
24 11:00 History of Nevis Labs (W. Seligman, online) 12:30 Nevis BBQ	25 3:00 REU Lecture: IAXO/GAPS (K. Perez) 4:00 Lab Tour: IAXO/GAPS	26	27 12:30 REU Lunch	28 On-campus day 3:00 REU Lecture: Cosmology (C. Hill)	29
31	August 1	2	3 Last days of REU program! <u>10:00-12:00 REU student presentations I</u> 12:00-1:00 Lunch <u>1:00-2:30 REU student presentations II</u>	4 Last day of REU program! <u>10:00-12:00 REU student presentations III</u> 12:00 Farewell Lunch Turn in written reports and REU evaluation form 2:00 Leave for campus	5 Check out of housing. Return trip home.