

Faculty			Field	Availability	Prerequisites / conditions
Last	First	email			
Basov	Dimitri	db3056@columbia.edu	Condensed matter	Now	Motivation only
Dean	Cory	cd2478@columbia.edu	Condensed matter	Now	physics background or related engineering fields. Must have enthusiastic attitude! Interest in doing hands on lab work.
Pasupathy	Abhay	apn2108@columbia.edu	Condensed matter	Now	Working pulse
Szabolcs	Marka	sm2375@columbia.edu	Gravitational waves	Now	Motivated, ability to finish, enthusiastic, curious, independent, (python, pytorch)
Will	Sebastian	sw3151@columbia.edu	AMO	Now	Quantum I, ideally also quantum II, interest in building electronics and instrumentation
Zajc	William	waz1@columbia.edu	Nuclear experiment	Now	Have completed 3007-3008 and at least the first semester of QM (GU4021).
Christ	Norman	nhc1@columbia.edu	Lattice QCD	Possibly within the next year	G6037/8 are good pre-requisites
Cole	Brian	bac3@columbia.edu	Nuclear experiment	Possibly within the next year	basic computing skills, knowledge of relativistic kinematics.
Garcia	Ana Asenjo	aa4328@columbia.edu	AMO/ Condensed matter	Possibly within the next year	Good analytical skills, quantum mechanics, E&M, complex analysis, numerics is a plus
Hill	Colin	jch2200@columbia.edu	Astrophysics , Gravitational Waves, and Cosmology	Possibly within the next year	Familiarity with statistics, linear algebra, and basic programming (ideally Python) is essential. Coursework in astrophysics/cosmology is definitely helpful.
Hughes	Emlyn	ewh42@columbia.edu	Nuclear experiment	Possibly within the next year	None

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Millis	Andrew	ajm2010@columbia.edu	Condensed matter theory	Possibly within next year	Quantum mechanics at least at the level of 4022 and preferably beyond; some experience with computers, statistical mechanics at least at the level of 4023
Tuts	Michael	pmt2@columbia.edu	Particle experiment	Possibly within the next year	At least 1 year of physics courses
Zelevinsky	Tanya	tz2142@columbia.edu	AMO	Possibly within the next year	None