



## Queen's University NSERC Undergraduate Student Research Awards in Physics, Engineering Physics & Astronomy

astrophysics, large scale structure of the universe, and high energy astrophysics. Work is also being conducted to develop theory in the areas of star formation, interstellar medium research, dark matter, galactic and large scale structure, astrophysical searches for fundamental physics, and early universe cosmology. Experimental and theoretical particle astrophysics research, including a number of experiments at SNOLAB. This work explores the properties of fundamental particles and their impact on the evolution and structure of the universe, and includes searches for dark matter, investigations of neutrino properties, and cosmic ray research.

### Condensed Matter Physics, Optics, and Engineering & Applied Physics

Theoretical, computational and experimental research in a wide variety of topics, such as nanoscale electronic and mechanical systems, materials physics, nanophysics, scanning probe microscopy, semiconductor spintronics, magnetic destructive evaluation, medical ultrasound imaging, medical physics, ultrafast nonlinear optics, polymer photonic devices, nanophotonics, quantum optics, photonic crystals, chiral photonics, soft condensed matter, complex systems, and biophysics

Total monthly stipends for summer research positions, with and without NSERC awards are as follows:

Students completing	First Year	\$2400	NSERC	\$2600
	Second Year	\$2450	NSERC	\$2650
	Third Year	\$2500	NSERC	\$2700
	Fourth Year	\$2500	NSERC	\$2700

Students from Physics, Engineering Physics, Astronomy, and related programs are encouraged to apply. Applicants must indicate preferred areas of research and are also advised to contact potential supervisors directly.

#### Eligibility

You must