

<b>Job Title</b>	Postdoctoral Fellow
<b>PVN ID</b>	QC-2012-003784
<b>Category</b>	Research
<b>Location</b>	QUEENS COLLEGE
<b>Department</b>	Psychology
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$45,000.00 - \$55,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Feb 15, 2021 (Or Until Filled)

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## General Description

My lab studies dopamine using mouse genetics, fast-scan cyclic voltammetry, patch-clamp electrophysiology and optical methods (optogenetics, fiber photometry) in awake, behaving animals. A central concern is how dopamine regulates activity and behavioral energy expenditure in decision-making, with emphasis on dopamine in obesity and eating disorders. Current projects focus on interactions between insulin and dopamine, studies of silent synapses and optical self-stimulation paradigms. We recently started investigating dopamine in anorexia nervosa, for which the lab just obtained funding. I am currently looking to bring two postdocs into the lab, with several projects to choose from, including the funded anorexia project.

Queens College, in Queens, New York City is a moderate sized, predominantly undergraduate institution that is research active and trains graduate students (both doctoral and Master's). Postdocs work with students in the lab at all levels (doctoral, masters, undergraduate). Some teaching opportunities available, if interested. Queens is a diverse, vibrant borough with affordable living options with easy access to campus and Manhattan. Alternatively, living in Manhattan and Brooklyn are also options, with cost and commute time dependent upon specific location. NYC is a rich eco-system for neuroscience and our lab maintains collaborations and relationships with a network of neuroscientists both within CUNY and across other institutions.

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## Other Duties

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## Qualifications

Completed PhD required. The ideal candidate will have prior experience in at least one physiological method,

such as optogenetics, fiber photometry, electrophysiology or anatomy techniques and a willingness to learn and develop skills in other methods as appropriate to answer the question(s) at hand.