NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

School of Biological Sciences
College of Science

Reg. No. 200604393R

Research Theme: Neuroscience and Ecology

MSc Research Project Title:

Building a model of prey diversity using predator diet sampling.

Principal Investigator/Supervisor: Ajai Vyas

Co-supervisor/ Collaborator(s) (if any): None

Project Description

a) Background:

A vast amount of data has been collected in the past few years about diet of predators using scats and stomach contents. This data provides an opportunity to look at prey ecology withour intensive field sampling.

b) Proposed work:

We will use currently available data about cat diet to construct models of prey abundance, with an aim to explain ecological variable that affect prey diversity and abundance.

c) Preferred skills: Eg. computation work on data analysis would be a big plus, but not indispensable

Computational familiarity with R or ability to learn it. Ability to read and understand scientific literature.

Supervisor contact:

If you have questions regarding this project, please email the Principal Investigator:

SBS contact and how to apply:

Associate Chair-Biological Sciences (Graduate Studies) : AC-SBS-GS@ntu.edu.sg

Please apply at the following:

Application portal:

https://venus.wis.ntu.edu.sg/GOAL/OnlineApplicationModule/frmOnlineApplication.ASPX