

[Postdoc] Asymptotic theory for phenotypic evolution models

- Location: Department of Mathematics and Statistics, Dalhousie University, Halifax, NS, Canada
- Duration: 1 year (renewable depending on availability of funding and satisfactory performance)
- Deadline: Until filled
- Start date: Immediately (negotiable)

Living organisms are related to each other according to an evolutionary tree. Phenotypic evolution models take into account this relationship by assuming that phenotypes evolve along the tree according to Markov processes. Under these models, observations are highly correlated, making traditional statistical theory for independent data no longer applicable. We are seeking a postdoctoral fellow who will work with Dr. Lam Ho to develop new asymptotic theories for phenotypic evolution models.

Requirements:

- PhD in statistics, mathematics, or related fields.
- Good communication skills in English.
- Strong background in mathematical statistics, probability, and stochastic process.
- Knowledge in phenotypic evolution models is preferred but not required.

We offer:

- Salary: 50,000 CAD/year and benefits.
- No teaching duties are involved.

Application: Send your CV and 2 reference contacts to Dr. Lam Ho (Lam.Ho@dal.ca).

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