

Webinar
on
Global Pathways to
Postgraduate Studies
in
Statistics, Biostatistics, and Data
Science

Application related

- (1) What does the department committee look for in a typical international applicant for an M.S. degree? for a PhD degree?
- (2) What does the department committee look for in an SOP of an applicant?
- (3) What all should a CV of an applicant include other than the academic degrees, academic scholarship achievements, projects done, and industry experience?

Academic background related

- (1) Is a strong background in mathematics desirable in each of the degree programs?
- (2) Is a strong programming background required for degrees in Data Science?
- (3) Is anyone with a B.S. in Data Science suitable for pursuing an M.S. or a PhD degree in Statistics or Biostatistics?

Funding or scholarship related

- (1) Is the funding provided for an M.S. program?
- (2) Is it provided for the entire academic year or only when the semester is on?
- (3) Does the funding cover tuition fees?
- (4) What are the duties involved for those who are provided funding?

Job prospects

- (1) What are the job prospects for each of the disciplines for M.S. and PhD degrees?
- (2) Among these three disciplines, which has more job prospects?
- (3) After a PhD in each of these disciplines, are there R&D-related jobs in industries? In semi-government institutions?
- (4) Does a degree—M.S. or a PhD—in biostatistics lead to jobs only in pharmaceutical companies, or are there any other options?

General questions

- (1) What are the wrong notions that the students have about the application process?
- (2) How does a student choose a university from various tiers?
- (3) What does doing a PhD entail in England (US/Canada/Australia/Singapore), and how long does it typically take to complete it?

General Questions (continued...)

(4) How does the current instability and war-prone atmosphere in the world, in general, impact M.S. and PhD student intake in the US and other countries?

(5) Does the present AI buzz mean fewer theory-based M.S. and PhD openings?

For universities that require applicants to contact prospective supervisors before applying, particularly in countries such as Canada, what is the recommended approach for reaching out to professors, and what steps should students follow to improve their chances of receiving a positive response? How does this process differ from application systems where prior contact with a supervisor is generally not required?