

B4

BUILDING
BHARAT BOSTON
BIOSCIENCES
PROGRAM

CALL FOR APPLICATIONS

B4 Young Scientist Program

Online Workshop on “Big Data in Life Sciences and Healthcare”

March 14–21, 2021

Advancements in high-throughput genomics, medical diagnostics, computational neuroscience, biopharma, medical and cellular imaging, and related fields have led to the generation of massive data. This poses a huge challenge to life sciences researchers in handling, analyzing and interpreting such large data sets. Realizing the need to train researchers at the interface of data science, computing, and life sciences, this 7-days hands-on workshop will focus on use of big data in genomics, precision medicine, pharma/drug discovery and AI/machine learning in analysis of biological /medical imaging data. The workshop will have didactic lectures and research talks followed by online hands-on sessions in the aforementioned areas. The different sessions of the workshop will be addressed by speakers from Massachusetts Institute of Technology, Broad Institute, Harvard University and renowned researchers from Indian academia and industry.

ELIGIBILITY

Open to Indian students currently pursuing any of the following courses in Indian institutions:

- Doctoral researchers in Life Sciences / Biotechnology / Bioinformatics / Engineering currently engaged in relevant areas of research
- Students currently enrolled in M.Sc. / MBBS / M.Pharm. / ME / M.Tech. and similar programs

APPLY

The applications will be reviewed by a panel to select 25 applicants.

Please submit:

- One-page CV
- One-page Statement of Interest justifying your application
- Academic transcript(s) or marks sheet(s)
- Two letters of recommendation

Contact: Savitha G Ananth, Program Manager at savitha_ananth@fas.harvard.edu

Deadline to Apply: March 2, 2021

Selected participants will be notified by **March 10, 2021**

Details:

<http://bit.ly/B4workshop>