

Using Metabolomics Data in Network Medicine

REQUEST FOR APPLICATIONS

Brief description: This one-day module will focus on metabolomics data and the analytical challenges this type of data presents. There will be a combination of lectures that introduce analytic techniques and hands-on workshops where participants will have the opportunity to apply these techniques to analyze metabolomics data. Topics will include general metabolomics data analysis, pathway analysis, dynamic systems, and integrative approaches with other omics data.

Target Audience: MD, PhD or equivalent

Date applications are due for applicants and endorsers: 5:00pm on Friday, September 16, 2016 (applicants) and 5:00pm on Tuesday, September 20, 2016 (endorsers)

Date by which applicants will be notified: Friday, September 30, 2016

Selection process and criteria:

Module Pre-requisites:

- Understanding of statistics and R programming
- Past participation in Harvard Catalyst's Introduction to Network Medicine course, or willingness to watch selected recorded lectures from the three-day course prior to taking this module.

Course participants will be selected based upon: (1) completed application and supervisor endorsement and (2) fulfillment of pre-requisites and (3) equitable institutional representation.

Harvard Catalyst's Education Program offers first priority to applicants who are current Harvard students, faculty, or current employees of Harvard University, its ten schools, and its seventeen Academic Healthcare Centers (AHC), or that of Boston College School of Nursing, MIT, or Harvard Pilgrim Health Care. A complete list of participating institutions can be found on the Harvard Catalyst website: <http://catalyst.harvard.edu/about/>.

The next level of priority is awarded to members of the national Clinical Translational Science Award (CTSA) consortium. A complete list of participating institutions (CTSCs) can be found on the CTSA website: <https://www.ctsacentral.org/institutions>

Applicants who are external to the groups listed above are accepted for a fee when space is available.

Tuition/fee for external participants: Please contact us for more information.

The expectation is that by accepting a seat in one of the Education Program courses, the participant is agreeing to attend the entirety of the course. As part of the application process, a supervisor's endorsement for course attendance, granting the applicant permission to be away from the lab or clinical duties for the duration of the course, will be automatically generated. If a participant must be absent for any portion of the course, it is the participant's responsibility to notify course coordinators, since attendance is taken at all sessions. If the participant cannot be reached, the coordinators will then be obliged to notify the endorsing supervisor of the unexplained absence. Since the Education Program courses are expensive to produce, but are offered to Harvard and CTSC affiliates free-of-charge, including meals and Continuing Medical Education (CME) credits, the only obligation of participants is fully to attend and participate.

Please also note that participants seeking CME credits must attend all course sessions and complete each daily evaluation. No partial CME credits are offered.

If you have any questions about the course or information above, please don't hesitate to ask. The course coordinators can be reached at network_medicine@catalyst.harvard.edu