

# Introduction to Network Medicine

## REQUEST FOR APPLICATIONS

### Course Description

This three-day course offers an introduction to network medicine, a field that integrates systems biology and network science. The course will explore the concept of network medicine through: (1) a review of the role, identification, and behavior of networks in biology and disease, (2) the integration of multiple types of -omics data into perturbed, dynamic networks as a paradigm for understanding disease expression and course, and (3) systems pharmacology approaches for the development and evaluation of effective therapies of complex disease.

**Target audience:** MD, DNP, DDS/DMD, PhD or equivalent

**Applications Deadline:** Friday, September 15, 2017

**Endorsement Deadline:** Tuesday, September 19, 2017

**Notification Date:** Friday, October 6, 2017

### Selection Process and Criteria

This course is limited to 100 attendees. Course participants will be selected based upon: (1) completed application and supervisor endorsement (2) Statement of Intent 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](mailto:network_medicine@catalyst.harvard.edu)**