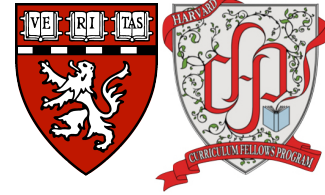


Curriculum Fellow in Quantitative Biomedical Training



Institution: Harvard Medical School
Location: Boston, MA
Category: Faculty - Science
Type: Full Time

The Harvard Medical School (HMS) Program in Graduate Education invites applications for a Curriculum Fellow in Quantitative Biomedical Training to develop and support the quantitative curriculum of PhD students in the various biomedical graduate programs at HMS.

As our students are increasingly required to understand and apply statistical and quantitative analyses, we must continue to expand our curricula to provide them with the training and hands-on experiences that will support the development of this expertise. The Quantitative Curriculum Fellow will work with faculty and fellows across HMS to identify and improve existing opportunities for quantitative training while also designing and implementing new courses, programs and workshops to fill perceived training gaps.

Responsibilities

- Work closely with the faculty director of a current introductory course in quantitative approaches to develop and administer lectures, workshops, online instructional materials and assessments.
- Provide academic support to faculty teaching other quantitative courses.
- Provide expertise and advice to faculty and fellows as they incorporate quantitative and statistical content into existing basic science courses.
- Work directly with students to support their learning of quantitative content.

Qualifications

- An earned doctorate in a relevant field (e.g., biology, computational biology, computer science, biomedical informatics, etc.)
- Experience teaching graduate or undergraduate students
- Postdoctoral qualifications: research and/or teaching experience (*preferred*)

Job Skills and Competencies

- Demonstrated quantitative expertise and experience with biomedical data
- Demonstrated expertise in the application of statistical analyses to biomedical data
- Proficiency with R (*preferred*) and/or Python, MATLAB or other languages
- Ability to work collaboratively with multiple faculty and administrative partners to develop new courses and educational/training opportunities
- Experience applying pedagogical best practices to the classroom, including evidence-based teaching methods and technological innovations
- Strong oral and written communication skills, strict attention to detail
- Strong organizational and administrative skills and the ability to successfully plan and implement programs and events
- Ability to work independently to identify and implement optimal solutions to diverse problems
- Effective mentorship skills

The Curriculum Fellow position is well suited to an academically-minded scientist who is passionate about graduate biomedical education and sees this fellowship as an opportunity to both hone their pedagogical skills and influence the training outcomes of Harvard Medical School's PhD students. The Quantitative Curriculum Fellow will be a member of the HMS Curriculum Fellows Program, a science education community that functions as a training program for early career scientist-teachers. Pedagogical training is incorporated into the fellow's course- and program-based efforts and includes opportunities to design and

conduct discipline-based educational research (DBER) projects. Curriculum Fellows receive mentorship and career advising to support their development as educators throughout the duration of the appointment.

To apply

To be considered for this position, please email a single PDF document containing (1) a letter of application that addresses your interest in and qualifications for the position, (2) a curriculum vitae, and (3) a statement of teaching philosophy. Please include the names and contact information of three references, who will be asked to supply letters or will be contacted by phone early in the application screening process. The CF position and its associated academic appointment is a one-year appointment, renewable for three years, and is non-tenure-track. Fellows are hired at the rank of research associate or Lecturer, commensurate with experience. Applications will be reviewed on a rolling basis, starting immediately. The expected start date for this position is spring 2018 in Boston, MA.

Other available Curriculum Fellow positions

The HMS Curriculum Fellows Program is also conducting a search for a Curriculum Fellow for MD-PhD training. Applicants who wish to be considered for both positions should make their interest, and their appropriate qualifications, clear in their cover letter. More details about the MD-PhD position can be found at the CFP website (<http://curriculumfellows.hms.harvard.edu/job-opportunities>).

For details about the Curriculum Fellows Program, please see <https://curriculumfellows.hms.harvard.edu/>.

Address applications to:

Bradley Coleman, Ph.D.

Co-Director, Curriculum Fellows Program

Via Ms. Naima Abdullahi (cfp@hms.harvard.edu).

Harvard University is an equal opportunity employer.