



Boston University Faculty of Computing & Data Sciences

CDS FACULTY ROTATION PROGRAM

Executive Summary

The Faculty of Computing & Data Sciences is launching a new teaching rotation program open to all full-time faculty at Boston University, the *CDS Faculty Rotation Program*. Under this program, selected faculty will receive affiliate or secondary appointments in CDS for a 3-year period at 0% FTE.

The CDS Faculty Rotation program aims to provide a unique opportunity for collaboration across units for the purpose of sharing and disseminating best practices around data science teaching. By broadening participation in data science instruction at BU, the program will bring high-quality data science course experiences to students both in CDS and in the faculty member's home department, unit, and/or program. Junior faculty and teaching-stream faculty may find this program particularly appealing as it provides an opportunity for growth and development.

Selected teaching rotation (TR) faculty will be expected to teach at least one regular course per AY in CDS (i.e., at least 3 total), with course assignments made in consultation with CDS leadership and leadership from the faculty member's home department (chair) and/or unit (dean). TR faculty members will be provided with 8 months of PhD student funding, as well as an additional \$5,000 per year to support research and teaching related expenses. Additional instructional replacement costs allocated at twice the departmental part-time rate will be provided to the TR faculty member's home department to account for released teaching effort to CDS.

Program Details

Appointment

Selected faculty will receive a 3-year appointment at 0.0% FTE in CDS. While appointed in CDS, they must hold a concurrent full-time primary academic appointment on Charles River Campus and must be scheduled for full teaching load throughout the period of their appointment in CDS.

Compensation

CDS will provide the primary academic unit of a selected TR faculty member with twice the part-time course rate each year for replacement costs. CDS will also provide 8 months of PhD student stipend to be used by selected faculty within five years from their appointment in CDS, with an expectation that one

semester of that support will be earmarked for teaching fellow support for the course being taught. Additionally, CDS will provide \$5,000 per year to support expenses related to teaching or research.

If requested, alternative arrangements may be considered, subject to approval by the Associate Provost for CDS and by the chair or dean of the primary academic unit.

Expectations

Selected TR faculty members will be expected to teach at least one regular 4-credit CDS course per academic year. This course may be an existing CDS course or a newly developed CDS course. Newly developed courses must be approved through the standard process for CDS, and final course assignments will be at the discretion of the Associate Provost for CDS. A TR faculty member need not teach the same course in consecutive years. If a new course is developed by a TR faculty member, it is expected that they would teach it at least for the first offering (and ideally twice). Course assignment will prioritize undergraduate instruction and courses needed to satisfy CDS degree requirements. Opportunity may exist under this program to teach advanced elective courses that would be open to both graduate and undergraduate students. Directed studies, special topic seminars, and other non-regular courses are not eligible to satisfy the teaching expectations of this program.

As appointed faculty members in CDS, TR faculty are welcome to partake of other research, teaching, and service activities in CDS.

Space

TR Faculty members (and members of their research group, if requested) will be offered office space in the new Center for Computing & Data Sciences for the period of their appointment.

Selection Process

Solicitation: The program solicitation will be posted at least two semesters before the intended start date for appointment. The solicitation will identify subject areas that are of interest for development of new CDS courses or of variants of existing CDS courses.

Application: Interested faculty should provide a proposal not to exceed two pages, as well as an endorsement from their Department Chair of the proposed curricular development/plan, noting that Chair and Decanal support is needed for secondary appointment. The proposal should address the areas noted in the solicitation and should describe why the applicant is seeking to participate in this program. Supporting materials such as recent teaching evaluations are not required as part of the application, but may be requested at a later stage.

Selection: The Associate Provost will convene a CDS ad hoc committee to review applications and recommend one or more finalists. Assuming concurrence, the Associate Provost (or designee) will reach out to the Chair and/or Dean of the academic unit of the finalist to secure final approval and to initiate the secondary appointment process. Upon agreement of the Chair and Dean, the finalist will be notified by the Associate Provost.