

## QBS Postdoctoral Fellowship

The QBS Postdoctoral Fellowship is a partially funded position effective for **two academic years from July 1, 2021 to June 30<sup>th</sup>, 2023** in which the successful postdoc will receive shared funding from QBS and their PI at .50FTE each, totaling 1.0FTE per academic year. **QBS is seeking to support three (3) postdocs during this period.**

The terms of this fellowship are intended for postdocs seeking additional pedagogical experience as part of their professional development. Fellows are expected to spend half their time supporting QBS courses and the other half engaged in research.

Fellows are expected to support six courses: two courses per term for three terms. The commitment per course is 10 hours per week, totaling 20 hrs per week for two courses. Alternatively, fellows may support one course per term at 20 hrs per week. The 20 hr per week workload will be consistent throughout the year as effort will also go towards preparing course materials when classes are not in session. Vacation time is commensurate with that agreed upon by the post-doctoral trainee's principal investigator at the time of hire but not to exceed the policy set by Dartmouth Human Resources for this position.

QBS salary determination for the .50FTE associated with course support will follow NRSA standards [HERE](#) aligning rate with numbers of years of experience as a post-doctoral trainee. This rate may be different from the rate negotiated with the principal investigator. QBS will ultimately pay 50% of the final, mixed rate agreed upon at the time of hire.

Eligible applicants: graduating PhD students considering internal postdoc positions, current post docs, and new external postdoc hires.

At this time, QBS will **not** engage in official HR hiring of new postdocs. Postdoc positions should go through the normal approval and hire process. Once a candidate is identified, completion and submission of this application is welcomed. Note that QBS finalizes its course support roster between April and July of each year.

**Prerequisite: successful completion of QBS courses of preference listed in the application section below or demonstrated knowledge in the discipline/course topic**

### Fellowship Requirements:

1. Attend DCAL Teaching Assistant Workshop or other training identified by QBS administration
2. Attend two additional DCAL Workshops
3. Attend remote learning trainings either sponsored by QBS or other Dartmouth Office
4. IDE Sensitivity Training
5. Receive and review faculty and student evaluations at the end of the course

### Fellowship Responsibilities:

- See Attachment: Academic Support Model

**Application Deadline:** April 5th, 2021

**Application:** Complete the QBS Fellowship Application with the following required signatures: 1.) Applicant, & 2.) Postdoc's Principal Investigator(s)

**Courses Needing Postdoc Fellows (Indicates Fellows Needed) – Academic Year 21-22**

**Pre-Fall 2021**

- Programming Bootcamp (4)- .5 Unit
- QBS 110 (1): Integrative Biomedical Research Seminar Series & QBS 700: Ethics (worth 1-unit fellowship value)

**Fall 2021**

- QBS 130 (3): Foundations of Epidemiology I: Theory & Methods
- QBS 119 (2): Biostatistics I: Applied Statistics (New)
- QBS 120 (2): Biostatistics I: Statistics Theory
- QBS 181 (3): Data Wrangling & QBS180: Data Visualization (1.5 units)
- QBS 136 (1): Applied Epidemiological Methods I (.5units but worth 1-unit fellowship value)
- QBS 126 (1): Analysis of Densely Collected Longitudinal Data

**Winter 2022**

- QBS 100 (1): Biology
- QBS 121 (3): Foundations of Biostatistics II: Regression
- QBS 131 (2): Foundations of Epidemiology II
- QBS 137 (1): Applied Epidemiological Methods II (.5units but worth 1-unit fellowship value)
- QBS 177 (3): Methods of Stats Learning for Big Data (Previously Algorithms for DS)

**Spring 2022**

- QBS 108 (3): Applied Machine Learning
- QBS 122 (2): Biostatistics III: Modeling Complex Data
- QBS 139/PH147 (1): Advanced Methods in Health Services Research (1.5 units)
- QBS 175 (1): Foundations of Bioinformatics II (tentative)
- QBS 146 (2): Foundations of Bioinformatics I

**Fall/Winter/Spring**

- QBS101 (2): Foundations of Programming for Data Scientists (.5units but worth 1-unit fellowship value each term)
- Professional Development (.5unit each term)

**Winter/Spring**

- QBS 185.5 (1): Capstone Preparation (.5unit each term)

**Summer**

- QBS 185: QBS Masters Capstone Experience (1-unit fellowship value | option to be 2-unit value or 20hrs per week)
  - Responsibilities for this opportunity will be slightly different, including more mentoring

# QBS Fellowship Application

The completed application is due on April 5th, 2021 by 5pm and should be sent, as a single PDF, to Shaniqua Jones ([Shaniqua.A.Jones@dartmouth.edu](mailto:Shaniqua.A.Jones@dartmouth.edu)). Your answers to questions should be 250 words or less. The applicant and PI(s) should sign the application if in agreement with the terms. If the applicant is selected for the award, Diane Gilbert-Diamond (QBS Director) and the course instructor(s) will sign the application at that time.

Postdoc Name: \_\_\_\_\_

PI(s): \_\_\_\_\_

Please list TA courses in order of preference (use course list above for Academic Year 20-21):

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

Position Start Date: \_\_\_\_\_

### Questions:

1. If you have not taken these courses, please indicate what experiences or other coursework qualifies you to support specified courses.
2. How do you feel supporting QBS courses will strengthen your postdoctoral learning experience?

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Signatures:

\_\_\_\_\_ PI \_\_\_\_\_  
(signature) (date)

\_\_\_\_\_ PI \_\_\_\_\_  
(signature) (date)

\_\_\_\_\_ Post doc \_\_\_\_\_  
(signature) (date)

\_\_\_\_\_ Diane Gilbert-Diamond, PhD \_\_\_\_\_  
(signature) QBS Director (date)

\_\_\_\_\_ (First Name/Last Name ) \_\_\_\_\_  
(signature) Course Director(s) (date)