# Part I: <u>Tuberculosis (TB) Screening Questionnaire</u> (to be completed by incoming students)

## PLEASE ANSWER THE THE FOLLOWING QUESTIONS: Please note there are **SIX QUESTIONS** in total to answer.

1. Have you ever had close contact with persons known or suspected to have active TB disease?	Yes	🛛 No
2. Were you born in one of the countries or territories listed below that have a high incidence of	□ Yes	🛛 No

active TB disease? (If yes, please CIRCLE the country below)

Colombia

Afghanistan Algeria Angola Anguilla Argentina Armenia Azerbaijan Bangladesh Belarus Belize Benin Bhutan Bolivia Bosnia and Herzegovina Botswana Brazil Brunei Darussalam Burkina Faso Burundi Cabo Verde Cambodia Cameroon Central African Republic Chad China China, Hong Kong SAR China, Macao SAR

Comoros Congo, Dem. Rep. Congo, *Rep.* Côte d'Ivoire Djibouti Dominican Republic Ecuador El Salvador Equatorial Guinea Eritrea Eswatini Ethiopia Fiji French Polynesia Gabon Gambia, The Georgia Ghana Greenland Guam Guatemala Guinea Guinea-Bissau Guyana Haiti Honduras India

Indonesia Iraq Kazakhstan Kenva Kiribati Korea, Dem. People's Rep. Korea, Rep. Kyrgyz Republic Lao People's Democratic Republic Lesotho Liberia Libya Lithuania Madagascar Malawi Malaysia Maldives Mali Marshall Islands Mauritania Mexico Micronesia (Federated States of) Moldova

Mongolia Morocco Mozambique Myanmar Namibia Nauru Nepal Nicaragua Niger Nigeria Niue Northern Mariana Islands Pakistan Palau Panama Papua New Guinea Paraguay Peru Philippines Qatar Romania **Russian Federation** Rwanda Sao Tome and Principe Senegal Sierra Leone

Singapore Solomon Islands Somalia South Africa South Sudan Sri Lanka Sudan Suriname Tajikistan Taiwan Tanzania Thailand Timor-Leste Togo Tunisia Turkmenistan Tuvalu Uganda Ukraine Uruguay Uzbekistan Vanuatu Venezuela (Bolivarian Republic of) Vietnam Yemen, Rep. Zambia Zimbabwe

Source: World Health Organization, Global Tuberculosis Report (2022). Incidence of Tuberculosis ( $\geq$  20 per 100,000 people).

3. Have you had frequent or prolonged visits* to one or more of the countries or territories listed above with a high prevalence of TB disease? (If yes, CHECK the countries or territories, above)	□ Yes	🛛 No
4. Have you been a resident and/or employee of high-risk congregate settings (e.g., correctional facilities, long-term care facilities, and homeless shelters)?	□ Yes	🛛 No
5. Have you been a volunteer or health care worker who served clients who are at increased risk for active TB disease?	□ Yes	🛛 No
6. Have you ever been a member of any of the following groups that may have an increased incidence of latent <i>M. tuberculosis</i> infection or active TB disease: medically underserved, low-income, or abusing drugs or alcohol?	□ Yes	No

If the answer is YES to any of the above questions, Babson College/Olin College requires that you receive TB testing as soon as possible, but should take place <u>no sooner than six months prior to the</u> <u>start of your first semester</u>. Please have your doctor complete and sign the TB Clinical Assessment on pages 2 and 3 including documentation of testing as directed.

If the answer to all of the above questions is NO, testing is NOT required. But you must upload the form with the completed Page 1 to the student health portal.

\* The significance of the travel exposure should be discussed with a health care provider and evaluated.

# Part II: Clinical Assessment by Health Care Provider \*ALL TB TESTING MUST HAVE OCCURED WITHIN THE PAST SIX MONTHS\*

Clinicians should review and verify the information in Part I. Persons answering YES to any of the questions in Part I are candidates for either Mantoux tuberculin skin test (TST) or Interferon Gamma Release Assay (IGRA), unless a previous positive test has been documented.

History of a positive TB skin test or IGRA blood test? (If yes, document below)	Yes	No
History of BCG vaccination? (If yes, consider IGRA if possible.)	Yes	No

## 1. TB Symptom Check

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Does the student have signs	s or symptoms	s of active pulmo	nary tuberculosis	disease? Yes	

If No, proceed to 2 or 3. Please perform either a TST OR IGRA test. We do not require both.

## If yes, check below:

- Cough (especially if lasting for 3 weeks or longer) with or without sputum production
- □ Coughing up blood (hemoptysis)
- □ Chest pain
- □ Loss of appetite
- Unexplained weight loss
- Night sweats
- □ Fever

Proceed with additional evaluation to exclude active tuberculosis disease including tuberculin skin testing, chest x-ray, and sputum evaluation as indicated.

## 2. Tuberculin Skin Test (TST)

TST result should be recorded as actual millimeters (mm) of induration, transverse diameter; if no induration, write "0". **TST reading should be 48-72 hours after injection of PPD**. The TST interpretation should be based on mm of induration as well as risk factors. \*\*

 Date Placed:
 /\_/\_/
 Date Read:
 /\_//

 M
 D
 Y
 M
 D
 Y

 Result:
 mm of induration
 \*\*Interpretation: positive\_\_\_\_\_negative\_\_\_\_\_

### **\*\*Interpretation guidelines**

>5 mm is positive:

- Recent close contacts of an individual with infectious TB
- persons with fibrotic changes on a prior chest x-ray, consistent with past TB disease
- organ transplant recipients and other immunosuppressed persons (including receiving equivalent of >15 mg/d of prednisone for >1 month.)
- HIV-infected persons

### >10 mm is positive:

- recent arrivals to the U.S. (<5 years) from high prevalence areas or who resided in one for a significant\* amount of time
- injection drug users
- mycobacteriology laboratory personnel
- residents, employees, or volunteers in high-risk congregate settings
- persons with medical conditions that increase the risk of progression to TB disease including silicosis, diabetes mellitus, chronic renal failure, certain types of cancer (leukemias and lymphomas, cancers of the head, neck, or lung), gastrectomy or jejunoileal bypass and weight loss of at least 10% below ideal body weight.

### >15 mm is positive:

 persons with no known risk factors for TB who, except for certain testing programs required by law or regulation, would otherwise not be tested.

\* The significance of the travel exposure should be discussed with a health care provider and evaluated.

**Date of Birth:** \_\_\_\_/ \_\_\_\_/

## 3. Interferon Gamma Release Assay (IGRA) - LAB RESULTS MUST BE ATTACHED.

Date Obtained:  $//_{M} / /_{D} / /_{Y}$  (specify method) QFT-GIT T-Spot other\_\_\_\_ Result: negative\_\_\_\_ positive\_\_\_ indeterminate\_\_\_ borderline (T-Spot only)

# 4. Chest x-ray: (Required if TST or IGRA is positive) Please attach a copy of the X-ray report (no discs or films)

Date of chest x-ray: / / Result: normal\_\_\_\_abnormal\_\_\_\_

# Part III. Management of Positive TST or IGRA

All students with a positive TST or IGRA with no signs of active disease on chest x-ray should receive a recommendation to be treated for latent TB with appropriate medication. However, students in the following groups are at increased risk of progression from LTBI to TB disease and should be prioritized to begin treatment as soon as possible.

- □ Infected with HIV
- **C** Recently infected with *M. tuberculosis* (within the past 2 years)
- □ History of untreated or inadequately treated TB disease, including persons with fibrotic changes on chest radiograph consistent with prior TB disease
- **Q** Receiving immunosuppressive therapy such as tumor necrosis factor-alpha (TNF) antagonists, systemic corticosteroids equivalent to/greater than 15 mg of prednisone per day, or immunosuppressive drug therapy following organ transplantation
- Diagnosed with silicosis, diabetes mellitus, chronic renal failure, leukemia, or cancer of the head, neck, or lung
- □ Have had a gastrectomy or jejunoileal bypass
- □ Weigh less than 90% of their ideal body weight
- □ Cigarette smokers and persons who abuse drugs and/or alcohol

Student agrees to receive treatment

Student declines treatment at this time

Health Care Professional Signature

Date

**Babson Student Health Services** 231 Forest Street, Suite 130 Hollister Hall Babson Park, MA 02457 Phone: 781-239-6363 Fax: 781-239-5069

Name: