

**NIGMS/MIT Biotechnology Training Program**

<http://web.mit.edu/bpec/biotech/>

**Coursework Plan & Progress Report**

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

|                               | Course # | Prior to BTP | BTP Semester    |                 |                 |                 |                 |                 |
|-------------------------------|----------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                               |          |              | 1 <sup>st</sup> | 2 <sup>nd</sup> | 3 <sup>rd</sup> | 4 <sup>th</sup> | 5 <sup>th</sup> | 6 <sup>th</sup> |
| Two Biotechnology Courses*    |          |              |                 |                 |                 |                 |                 |                 |
|                               |          |              |                 |                 |                 |                 |                 |                 |
| One Interdisciplinary course† |          |              |                 |                 |                 |                 |                 |                 |

\* A course intellectually related to biotechnology, cannot be jointly sponsored by the student's home department.

† Interdepartmental course from the following list:

- a) BEH.400/7.548 "Perspectives in Biological Engineering" (D. Lauffenburger & P. Matsudaira)
- b) 5.48J/7.88J, "The Protein Folding Problem" (J. King)
- c) 7.37J/10.441J, "Molecular and Engineering Aspects of Biotechnology" (L. Griffith & H. Lodish)
- d) 10.549J/10449J, "Cell & Tissue Engineering" (L. Griffith & H. Lodish)
- e) 10.546/7.546J "Cell Physiology and Metabolic Engineering" (G. Stephanopoulos & A. Sinskey)
- f) 10.02J/5.22J/BE.105J "Biotechnology & Engineering", R. Langer and J. Essigman.
- g) 10.537J/2.798J/6.524J/BE.410J "Molecular, Cellular, and Tissue Biomechanics". A. Grodzinsky, R. Kamm
- h) BE.430J/2.795J/6.561J/HST.544J/10.539J "Fields, Forces, & Flows in Biological Systems." A. Grodzinsky, W. Deen
- i) 10.547J/15.136J/7.547J/HST.920J "Principles and Practice of Drug Development "T. J. Allen, C. L. Cooney, S. N. Finkelstein, R. H. Rubin, A. J. Sinskey.

**NIGMS/MIT Biotechnology Training Program**  
**Notice of Intent to Perform an Internship**  
*To be returned to Darlene Ray, 16-429*  
*<http://web.mit.edu/bpec/biotech/>*

**Trainee:**

*Please fill out either number 1 or number 2 below:*

1. As a trainee of the MIT Biotechnology Training Program (BTP), I intend to complete my 2-3 month industrial internship requirement within 24 months of being accepted into the BTP. I will therefore complete my internship training by \_\_\_\_\_ . I will provide a letter of commitment from \_\_\_\_\_, the company where I plan to perform my internship, before 3 months from today.

2. I have worked in the biotechnology or pharmaceutical industry previously. I was employed at \_\_\_\_\_ on the following dates: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ to : \_\_\_\_ / \_\_\_\_ / \_\_\_\_ . My job duties included: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.

\_\_\_\_\_ (name and signature)

\_\_\_\_\_ (date)

**Thesis Advisor**

As the Ph.D. advisor of \_\_\_\_\_, a trainee nominated to the MIT Biotechnology Training Program (BTP), I will ensure that his/her 2-3 month industrial internship requirement will be completed by \_\_\_\_\_.

\_\_\_\_\_ (name and signature)

\_\_\_\_\_ (date)

*The BTP executive committee is resolved to strictly enforce this requirement, an educational feature that figures prominently in the BTP training experience. A BTP mentor whose trainee fails to complete this requirement will be removed from the list of eligible BTP training faculty.*

**NIGMS/MIT Biotechnology Training Program  
Notice of Intent to Supervise an Internship**

*To be returned to Darlene Ray, MIT 16-429, Cambridge, MA 02139*

<http://web.mit.edu/bpec/biotech/>

*\*DUE WITHIN THREE MONTHS FROM THE START DATE ON THE BTP*

I agree to serve as the research supervisor for an industry internship for BTP Trainee  
\_\_\_\_\_, for a 2-3 month period commencing on or about  
\_\_\_\_\_. The general subject area of the internship will  
be \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.

\_\_\_\_\_ (name)

\_\_\_\_\_ (position)

\_\_\_\_\_ (Company)

\_\_\_\_\_ (Address)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (phone)

\_\_\_\_\_ (FAX)

\_\_\_\_\_ (email)

\_\_\_\_\_ (signature)

\_\_\_\_\_ (date)