



BioTechLab Training Institute Application Form

Get your students excited about DNA, gel electrophoresis and cloning!



The BioTechLab Training Institute is a three-day program designed for science educators of grades 6–12. During this program, you will learn how to use the New York Hall of Science's (NYSCI) BioTechLab Classroom Rental Kit by participating in a variety of hands-on activities. This kit features materials for up to 32 students, including eight dual electrophoresis units, four dual power supplies, variable micropipettes, a centrifuge, a light visualization system for gels, a dual water-bath, an incubator, and all the reagents (agar, buffer, staining cards, DNA/dyes) and expendable materials for each investigation. Once you have completed this course, you become certified and are eligible to rent this equipment to take into your own classroom! The whole system fits easily into any car. BioTechLab is designed for teachers of all skill levels. Technical skills or previous knowledge of biotechnology are not required.

BioTechLab activities supplement the Regents in New York, as well as fulfill various city, state, learning and performance standards: S2, S4, S5, S6, S8.

During the BioTechLab Training Institute you will:

- Learn to operate and maintain the BioTechLab equipment.
- Learn extensively about molecules and health, as well as modern biotechnology and its social and ethical impact.
- Participate in hands-on activities and experiments that emphasize inquiry as well as discovery learning.
- Work in cooperative groups to design your own investigations and lessons using the equipment and technology.

The course includes:

- A manual with many useful resources including instructions and lesson plans.
- Educator's Membership privileges, including use of NYSCI's Science Technology Library.
- Continental breakfast and lunch.
- Three p-credits (available through the NYC DOE) with an additional project and fee.





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Fee

\$350 per participant

Professional Partners Program

Take advantage of our new Professional Partners program. Rent the BioTechLab for one week and include an outreach lesson model for your class. The outreach provides an opportunity to partner with NYSCI instructors and model lessons for your class for the first day of your rental. The fee for this service, which includes delivery of the BioTechLab, is waived during the grant period.

Sessions

Dec 28 – 30, 2009 (p-credit not available)

9 am – 4 pm

July 22 – 24, 2010 (including July 20 – 21, p-credit only)

9 am – 4 pm

20 hours (30 hours for p-credit)

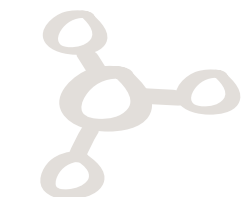
3 p-credits available (with additional fee, days and projects)

You will receive a confirmation in the mail if your application is accepted. We will contact you if the training is cancelled.

Participants interested in receiving p-credit must register at www.nycenet.edu/aspdp.

Registration

To register for the BiotechLab Training Institute, call Ayesha Ware at 718 - 699 - 0005 ext. 348 or e-mail aware@nysci.org.





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BioTechLab Training Institute Application Form (Pre-registration required)



Name

Subject(s) and Grade(s) You Teach

Years of Teaching Experience District

Preferred BioTechLab Training Institute Session Dates:

Home Address Apt.

City State Zip

Home Phone E-Mail Address

School Name School Address

City State Zip

School Phone School Fax

Whom did you receive this application from?

- Principal
- Science Teacher
- Assistant Principal
- Science Assistant Principal
- Other

What other programs have you participated in at the New York Hall of Science?

Method of Payment

- Cash
- Check
Enclosed is my check for \$350, made payable to the New York Hall of Science
- Credit
Please charge my: MasterCard Visa American Express

Card No. Expiration Date

Name (as it appears on card) Payment Amount

Signature Date

Please distribute copies of this application to other teachers. For your own records, please photocopy this application before submission.

