



BioTrac Replication Institute Miami Museum of Science & Planetarium

**February 4 & 5, 2005; April 8 & 9, 2005; and
November 4 & 5, 2005**

What is BioTrac?

BioTrac (Biomedical Training, Research and College prep) is a collaboration between the Miami Museum of Science & Planetarium and the University of Miami's School of Medicine. The goal of the program is to increase the pipeline of underrepresented students who are interested in, and prepared for, postsecondary study in biomedicine and health related sciences. This replication institute will help you to incorporate BioTrac, or elements of it, into your ongoing youth program.

Who should attend the Institute?

Museum and University partner teams who can incorporate two or more of the following key elements of BioTrac into their existing youth program:

- Use of college mentors to engage students in biomedical related activities
- Summer internships/externships with a biomedical or health science research focus
- Access to video-conference technology for learning
- Academic support strategies in the content areas of science and math
- Community partnerships with biomedical/health related industries

The key objectives of the institute are to:

- Introduce institute participants to key elements & best practices of the BioTrac model program
- Facilitate interaction and exchange between Museum youth programs and Institutes of Higher Education
- Interact with youth who have participated in the program
- Provide participants with useful tools for engaging youth in biomedical and health related sciences

Expectations:

At the end of the institute, partner teams will create a work plan for implementing some aspect of BioTrac programming in their home sites. Teams will share their progress via the BioTrac website and become part of an ongoing community of youth serving professionals.



APPLICATION

There are three easy ways to submit your application:

By Mail: Jennifer Fields, BioTrac Project Director
Miami Museum of Science & Planetarium • 3280 S. Miami Ave. • Miami, FL 33129

By Fax: 305-646-4300

Email: jfields@miamisci.org

Extra copies of the application can be downloaded at www.miamisci.org/biotrac2/applications
Applications for the February Institute will not be accepted after November 15, 2004.

Co-Applicant (Museum partner)

Name: _____

Title: _____

Institution: _____

Address: _____

Phone: _____ Email: _____

Co-Applicant (University partner)

Name: _____

Title: _____

Institution: _____

Address: _____

Phone: _____ Email: _____

Where can we reach you in the summer?

Which Institute are you applying for?

February 4 & 5, 2005

April 8 & 9, 2005

November 4 & 5, 2005

What is the name of your youth program and how long has it been in existence?

Museum: _____

University: _____

How many youth do you serve annually?

Museum: 1-10 10-25 25-50 50-100 100+

University: 1-10 10-25 25-50 50-100 100+

Does your institution serve youth in grades 9-12 or plan to in the future?

Museum: Yes No

University: Yes No

Please provide us with a rough profile of your youth participant demographics.

Museum		
Racial/ethnic composition: African-American _____% Hispanic _____% Asian/Pacific Islander _____% White _____% Other _____%	Income status: Low-income _____% Affluent _____%	Academic Status: Academically underserved _____% Gifted _____%
Primary language spoken: English _____% Spanish _____% Multi-lingual _____% Other _____%	Check one: <input type="checkbox"/> urban <input type="checkbox"/> suburban <input type="checkbox"/> rural	

University		
Racial/ethnic composition: African-American _____% Hispanic _____% Asian/Pacific Islander _____% White _____% Other _____%	Income status: Low-income _____% Affluent _____%	Academic Status: Academically underserved _____% Gifted _____%
Primary language spoken: English _____% Spanish _____% Multi-lingual _____% Other _____%	Check one: <input type="checkbox"/> urban <input type="checkbox"/> suburban <input type="checkbox"/> rural	

Questions to be answered jointly by co-applicants:

Is this an existing partnership between your two institutions or a new one?

If existing, what other projects do your two institutions work on together? What role does each institution take on?

What are the challenges that your youth program faces?

What do you hope to gain by participating in this institute?

How is your program funded? List your current funding sources:

University: Do you currently have a University internship program that serves high school students. If not, are you willing to serve as a catalyst to establish one?

Museum: Does your Museum have a permanent exhibit that focuses on health sciences/biomedicine?

Institutional Commitment:

Museum: Please print the following form, and fax or mail back to us with appropriate signatures:

As an official representative of the Museum and/or University, I ensure that (applicant) has institutional support in the form of:

- Providing salary support during the conduct of the institute
- A forum to present to colleagues their experience at the Institute and the new/enhanced collaboration
- Time to plan for the integration of two key elements of the BioTrac program into their existing youth program

Museum:

Applicant signature: _____ Date: _____

Official representative signature: _____ Date: _____

University:

Applicant signature: _____ Date: _____

Official representative signature: _____ Date: _____