



**CASE WESTERN RESERVE UNIVERSITY  
Biomedical Sciences Training Program**

This file contains the forms you need to apply to the Biomedical Sciences Training Program. You may also submit your application online through our web site (bstpserver.cwru.edu).

**Go to Online Application**

Your application consists of 4 parts:

1. The application form (included in this file)
2. Three letters of recommendation (form included in this file)
3. Official transcripts of your undergraduate and graduate work.
4. Official scores of the GRE General Test. A GRE subject test is desirable but is not required.

**How to use these forms:**

The forms on the following pages can be printed and completed. You can also use Adobe Acrobat to complete these forms. Click on the spot where you wish to make an entry and type or paste the desired text.

Important!! If you are using Adobe Acrobat Reader (the free software that is installed on most computers) you cannot save any entries you make on the form! You must make the entries and print each page in one session. If you have Adobe Acrobat, you can save the entries you make on the form.

**Submitting other materials:**

Please have transcripts, test scores, and letters of recommendation sent directly to the BSTP office. Please have your GRE scores sent directly to our office (Institution Code 1105, Department Code 0299). Please contact our office if you have questions.

Biomedical Sciences Training Program, Room WG 46  
School of Medicine  
Case Western Reserve University  
Cleveland, OH 44106-4934, USA  
Tel: 216-368-5572  
Fax: 216-368-0795  
E-mail: bstp@po.cwru.edu



**CASE WESTERN RESERVE UNIVERSITY**  
**School of Graduate Studies**  
**Biomedical Sciences Training Program**  
**School of Medicine, WG 46**  
**10900 Euclid Avenue**  
**Cleveland, Ohio 44106-4934**  
**E-mail: bstp@case.edu**  
**www: http://www.cwru.edu/med/BSTP/**

For consideration for admission and financial aid, return the completed application to the training program coordinator. The following non-returnable items listed below must be received no later than 30 days prior to the anticipated date of enrollment (60 days when applying from outside the U.S.):

For Graduate Studies Admission Use

- 1a. Official transcripts of all previous work.
- 1b. Three letters of recommendation (at least one should be from a professor in your field of study); return in enclosed envelopes.
- 1c. The results of the GRE general test and one subject test.
- 2. Nonrefundable application fee of \$50.00 (applications from other countries must pay the fee in U.S. dollars.)
- 3. Social Security Number
- 4. Male  Female

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

Last of Family Name
First
Middle

6. Address for reply \_\_\_\_\_  

No.
Street
City
State or Country
Zip Code

7. E-mail Address \_\_\_\_\_

8. Telephone \_\_\_\_\_  

Current Residence No.
Work No.
Permanent Residence No.

9. Permanent Address \_\_\_\_\_  

No.
Street
City
State or Country
Zip Code

10. Date of birth \_\_\_\_\_ 11. Place of birth \_\_\_\_\_ 12. Country of citizenship \_\_\_\_\_

13. I am applying for enrollment as a full-time degree student  
 July 20\_\_\_\_  January 20\_\_\_\_

14. Colleges and Universities attended

University	Major Field	Degrees (BA, MS, etc.) expected or received	Dates of Degrees (month/year)	Grade Point Average

- 15.  I have taken the following tests and received scores of:
- I plan to take the following tests:

**Graduate Record Examinations** General \_\_\_\_\_ (date) Subject \_\_\_\_\_ (date)

VERBAL \_\_\_\_\_ | QUANT \_\_\_\_\_ | ANALYTICAL \_\_\_\_\_ | SUBJECT \_\_\_\_\_  

Score | %
Score | %
Score | %
Area | Score | %

**Medical College Admission Test** \_\_\_\_\_ (date) Scores \_\_\_\_\_

**Test of English as a Foreign Language (TOEFL)** \_\_\_\_\_ (date) Scores \_\_\_\_\_

(Please instruct testing agencies to report results to the Office of Graduate Studies Admission)

16a.  I am not a U.S. citizen. 16b.  I am a U.S. citizen.  
 I need a student visa. (Optional) I consider myself to belong to the following  
 I am already in the United States, having entered minority group:  
on \_\_\_\_\_ under visa type: ( ) Alaskan Native ( ) Black or Afro-American  
 F  J Other (specify) \_\_\_\_\_ ( ) American Indian ( ) Latin American  
(My I-94 expires on \_\_\_\_\_ ) ( ) Asian-American ( ) Puerto Rican  
 I have a U.S. permanent resident visa:  
\_\_\_\_\_  
(Alien registration number)

17. I am preparing for a career in teaching? Yes  No  If yes, at what level? \_\_\_\_\_

18. I have a working knowledge of the following language(s): \_\_\_\_\_

19. On \_\_\_\_\_ I requested that transcripts of all my previous work be sent to the department.  
(date)  
Official transcripts might bear the name: \_\_\_\_\_  
(name in full)

20. On \_\_\_\_\_ I requested the following three persons to send the departments their letters of  
(date)  
recommendation:

(Name)	(Title or Position)	(Department)	(Tel. #)	(E-mail Address)	(Institution)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

21. I have also applied for admission to the following institutions: \_\_\_\_\_  
\_\_\_\_\_

22. I have held the following fellowships or scholarships.

(name)	(school)	(year)	(amount)
_____	_____	_____	_____
_____	_____	_____	_____

23. The following briefly describes any teaching experience I have had. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

24. The following briefly describes any research experience I have had. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

25. I have received the following scholastic and professional awards, honors, or prizes. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

26. I am interested in the following research areas within the Biomedical Sciences Training Program (please indicate your first and second choices-you may also mark additional choices).

- |                    |   |                                   |
|--------------------|---|-----------------------------------|
| _____ Anatomy      | _____ Developmental Biology                   | _____ Molecular Virology          |
| _____ Biochemistry | _____ Environmental Health Sciences           | _____ Neurosciences               |
| _____ Biology      | _____ Genetics                                | _____ Neuroscience-Bioengineering |
| _____ Cell Biology | _____ Molecular Biology                       | _____ Nutrition                   |
|                    | _____ Molecular and Cellular Basis of Disease | _____ Pharmacological Sciences    |

**27. Research Interests.** Please indicate the research areas within the Biomedical Sciences Training Program that interest you most. This information will be used to inform you about faculty whose research matches your interests and to help us evaluate your application. You may mark as many items as you wish.

#### ANATOMY

- Cell Injury and Cell Death
- Developmental Neurobiology
- Molecular Biology of the Extracellular Matrix
- Biomedical Imaging
- Biological Anthropology
- Control of Respiration

#### BIOCHEMISTRY

- Regulation of Gene Expression
- Protein Structure
- Metabolism
- Protein-Nucleic Acid Interactions
- Protein Chemistry
- Enzymology and Protein Function

#### CELL BIOLOGY

- Signal Transduction
- Secretion and Endocytosis
- Functions of Cell Surface Molecules
- Macromolecular Transport
- Oncogene Suppression
- Cytoskeleton and Extracellular Matrix

#### CELLULAR AND MOLECULAR BASIS OF DISEASE

- Immunology and Inflammation
- Cancer Biology
- Neurodegenerative Diseases
- Signal Transduction
- Biochemistry of Aging
- Macromolecular Transport

#### DEVELOPMENT BIOLOGY

- Cell Injury and Development
- Growth Factors and Development
- Developmental Genetics
- Cellular Aspects of Developmental Biology
- Morphogenesis and Extracellular Matrices
- Development and Regeneration

#### ENVIRONMENTAL HEALTH SCIENCES

- Metabolism
- Cellular and Molecular Toxicity
- DNA Damage and Repair-Molecular
- Experimental Carcinogenesis
- Reproductive Toxicology

#### GENETICS

- Gene Structure and Function
- Regulation of Gene Expression
- Genetics of Development/Transgenic Analysis
- Genetics of Human Disease
- Cytogenetics/Chromosome Structure
- Clinical and Biochemical Genetics

#### MOLECULAR BIOLOGY

- Regulation of Gene Expression
- Gene Structure and Function
- Molecular Basis of Oncogenesis
- RNA Processing and Editing
- Microbiology and Microbial Genetics
- Catalytic RNAs

#### MOLECULAR VIROLOGY

- Viral Replication
- Virus-Host Interactions
- Virus Oncogenesis
- Virus Vectors and Gene Therapy
- Molecular Virology and Parasitology
- Animal Virology

#### NEUROSCIENCES & NEUROSCIENCES-BIOMEDICAL ENGINEERING

- Cellular and System Neuroscience/Bioengineering
- System Neuroscience
- Neural Circuits and Synaptic Plasticity
- Development and Regeneration
- Neuropathology
- Neurobiology and Behavior
- Structure/Function of Ion Channels
- Cell Signaling

#### NUTRITION

- Design of New Nutrients
- Nutrients and Regulation of Gene Expression
- Molecular Mechanisms of Metabolic Diseases
- Metabolic Diseases and Gene Therapy

#### PHARMACOLOGICAL SCIENCES

- Cell Signaling and Development
- Regulation of Gene Expression
- Bacterial Pathogenesis
- Drug Metabolism
- Molecular Basis of Oncogenesis
- Protein Structure and Function
- Ion Channels
- Apoptosis

28. Employment record (list in reverse chronological order)

Title of position or type of work	Name and address of employer	Dates of entering and leaving

**Personal Statement**

On separate pages, describe your educational and professional objectives. Discuss your reasons for choosing to pursue graduate education and the factors that helped you decide on an area of study. You should also discuss the academic and other experiences that have prepared you for graduate study. Please limit your statement to 1-2 pages.

I hereby certify that the information I have provided in this application is accurate and complete.

SIGNATURE OF APPLICANT \_\_\_\_\_ DATE \_\_\_\_\_

