



GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

at New Jersey Medical School

APPLICATION FOR ADMISSION-Ph.D. Program(s)

185 South Orange Avenue, Medical Science Building, Room C696
Newark, NJ 07107-3000
Phone: (973) 972-4511 • Fax: (973) 972-7148

\$65 application fee must be received before the application will be considered

(The application fee will be waived for citizens or permanent residents of the United States)

Type or print all answers clearly in black ink. If additional space is required, attach a separate sheet and refer to the question by number.

1. Enrollment to begin: \_\_\_\_\_ Fall Spring 2. Full time Part time

3. Program:

Table with 4 columns: Ph.D., M.D./Ph.D., D.M.D./Ph.D., Clinical Residency/Ph.D. Each column contains a checkbox and a description of the program's eligibility requirements.

4. Please indicate which track(s) you are interested in: Molecular Biology, Genetics & Cancer (MBGC); Cellular Biology, Neuroscience & Physiology (CBNP); Infection, Immunity & Inflammation (I3); Biomedical Engineering (joint w/NJIT)

5. Name (Last) (First) (Middle)

6. Current address street city state/province zip

Phone If NJ resident, how long County

7. Permanent legal address check if same as above street city state/province zip

Phone If NJ resident, how long County

Email address:

8. Citizenship: US Citizen Permanent Resident Non-Citizen Country of Citizenship

9. For foreign nationals in the United States: Visa (type)

When did you arrive in the U.S.A. month year

10. Social Security # - -

11. Responses to these questions are voluntary and will be kept confidential. Not providing this information WILL NOT adversely affect the status of the application.

a. Date of birth (mm/dd/yyyy) Gender: Male Female

c. Please complete both Part I and Part II

1) Ethnicity select one: Hispanic or Latino Not Hispanic or Latino

2) Race select one or more: American Indian or Alaskan Native Asian

Black or African American Native Hawaiian or other Pacific Islander White

12a. List chronologically all educational institutions attended since high school, including the institution you currently attend.

Institution	Location	Attended From	To	Degree Sought	Date Expected or Received

12b. GPA: Undergraduate \_\_\_\_\_ Graduate \_\_\_\_\_

13. Have you previously applied for admission or taken courses at this graduate school?  no  yes If yes, date \_\_\_\_\_

14a. Indicate scores on the Graduate Record Examination (GRE) (may not be required for MD/PhD or DMD/PhD applicants)

Verbal \_\_\_\_\_ ( \_\_\_\_\_ %) Quantitative \_\_\_\_\_ ( \_\_\_\_\_ %) Analytical \_\_\_\_\_ ( \_\_\_\_\_ %) Date of Exam \_\_\_\_\_

Subject: name \_\_\_\_\_ score \_\_\_\_\_ ( \_\_\_\_\_ %) Date of Exam \_\_\_\_\_

If you have not taken the GRE, when do you plan to do so? \_\_\_\_\_

14b. TOEFL scores (required for all foreign applicants): \_\_\_\_\_

15. List scientific publications, academic awards, prizes, and memberships in honorary or professional societies.

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16. List current occupation and major employment or activities since college graduation.

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17. Military Service from \_\_\_\_\_ to \_\_\_\_\_ Branch \_\_\_\_\_

18. How did you learn of the UMDNJ-Graduate School of Biomedical Sciences?

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**19. Attach a statement expressing your motivation and aims for graduate study in the proposed major field.**

I have read and understand the attached statement of Essential Functions/Technical Standards, which all students must satisfy, with or without reasonable accommodations, for the course of study for which I am applying. I certify that all documents and information provided by me are true, accurate and complete. Any false or misleading information may result in actions including, but not limited to, discipline or revocation of degree. I understand and agree that any misrepresentation in this application will be sufficient cause for rejection of this application, or dismissal if I have been admitted to the Graduate School of Biomedical Sciences. In compliance with the Student Right to Know and Campus Security Act, UMDNJ's Annual Security Report is available from the Department of Public Safety at 5 Bruce Street, Building 5, P.O. Box 170, Newark, NJ 07101-1709.

\_\_\_\_\_  
(Applicant's signature)

\_\_\_\_\_  
(Date)

If submitting this application via email you must print and sign the release form below.

<p>UMDNJ does not discriminate in admissions or access to its programs and activities on the basis of race/color, ethnicity, national origin, religion/creed, disability, age, marital status, sex, sexual orientation or veteran's status.</p>
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### ESSENTIAL FUNCTION / TECHNICAL STANDARDS FOR GSBS

Technical Standards refer to non-academic requirements that are essential for meeting the academic requirements of the program. Within any area of specialization, students must demonstrate competence in those intellectual and physical tasks that together represent the fundamentals of biomedical research in their chosen discipline. Enrollment is contingent on the result of certain medical laboratory test (e.g., TB) and fulfillment of immunization requirements. For details see the UMDNJ website: [http://www.umdnj.edu/opmwweb/Policies/HTML/StudentServices/00-01-25-40\\_00.html](http://www.umdnj.edu/opmwweb/Policies/HTML/StudentServices/00-01-25-40_00.html)

The Ph.D. and M.S. degree programs at the UMDNJ-Graduate School of Biomedical Sciences require a laboratory-based research dissertation. Granting of these degrees implies that the recipient has demonstrated a base of knowledge in the field and the ability to independently apply that knowledge to solve a particular problem by forming hypotheses, designing and conducting experiments, interpreting the experimental results, and communicating the results and their interpretation to the scientific community. Thus, a candidate for the Ph.D., M.S., or MBS degree in the biomedical sciences must possess abilities and skills that allow for observation, intellectual and conceptual reasoning, motor coordination, and communication. The use of a trained intermediary is not acceptable in many situations in that a candidate's judgment will be based on someone else's power of selection and observation.

A student whose behavior or performance raises questions concerning his or her ability to fulfill the essential functions may be required to obtain evaluation and/or testing by a health care provider designated by the School, and to provide the results to the Campus Student Health Service for the purpose of determining whether the student is fit to pursue the educational program. If the student is deemed fit to pursue the program, the School reserves the right to require actions recommended by the health care provider, including further testing, counseling, monitoring, leave of absence, etc.

#### **Observation**

The candidate must be able to acquire knowledge by direct observation of demonstrations, experiments, and experiences within the laboratory and instructional setting. Examples are physiological or pharmacological responses in animals, studies of microbiological cultures and organisms, identification of normal and abnormal cells or tissues through a microscope, and interpretation of results obtained on various instrumentation.

#### **Intellectual/Conceptual Abilities**

The candidate must be able to measure, calculate, analyze, reason, integrate and synthesize information to solve problems.

#### **Motor Skills**

The candidate must possess motor skills necessary to perform procedures required for experimentation within the chosen discipline. These skills may include, but are not limited to, surgery in animals, handling of animals, transfer of microorganisms to various mediums, preparing chemical and often toxic materials and solutions, preparation of anatomical specimens for microscopic examination, manipulating electronic and other complex equipment. Such actions require coordination of muscular movements and functional use of the senses of touch and vision.

#### **Communication**

The candidate must be able to communicate and discuss his or her experimental hypotheses and results to the scientific community, both in scientific journals or directly at scientific meetings, seminars, or in the laboratory to the research team.

#### **Behavioral and Social Attributes**

The candidate must possess the emotional and mental health required for full utilization of his or her intellectual abilities, the exercise of good judgment, the prompt completion of responsibilities inherent in managing a scientific laboratory, the ability to function under the stress inherent in biomedical research, and the ability to understand and comply with ethical standards for the conduct of research.



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**APPLICATION RELEASE FORM**

Thank you for applying to UMDNJ-GSBS. Please submit, your non-refundable application fee of \$65.00 with this form. Your application will be reviewed upon receipt of the necessary supporting documentation. Your application will not be reviewed until payment is received. Applicants who have submitted their application online must print this page, sign and date it, and send it to the address listed below.

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ MI: \_\_\_\_\_

SS# : \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Date of Birth: \_\_\_\_\_

I have read and understand the statement of Essential Functions/Technical Standards, which all students must satisfy with or without reasonable accommodations, for the course of study for which they are applying. I certify that all documents and information provided by me are true, accurate and complete. Any false or misleading information may result in actions including, but not limited to, discipline, dismissal or revocation of degree. In compliance with the Student Right to Know and Campus Security Act, UMDNJ's Annual Security Report is available from the Department of Public Safety at 5 Bruce Street, Building 5, P.O. Box 170, Newark, NJ 07101-1709.

I understand that my application will be processed upon receipt of the necessary supporting documentation and that it is my responsibility to forward all missing documents to the Graduate School of Biomedical Sciences in order to complete the application process. Note: applications will not be considered complete without this form.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Return To:  
Office of Admissions  
UMDNJ-Graduate School of Biomedical Sciences  
185 South Orange Avenue  
Newark, NJ 07107-3000  
Tel: (973) 972-4511 fax: (973) 972-7148**