



# GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

at the School of Osteopathic Medicine

42 E. Laurel Road, Suite 2200 • Stratford, NJ 08084

Phone: 856-566-6282 • Fax: 856-566-6232 • Email: [gsbs-stratford@umdnj.edu](mailto:gsbs-stratford@umdnj.edu)

Apply Online: <https://banweb.umdnj.edu:8090/student/admissionstart.htm>

## APPLICATION FOR ADMISSION

**\*\$40 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 applying to our doctoral (Ph.D.) program.**

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 Session of 20\_\_\_\_
2. Status:  Full time  Part time  Visiting  Visiting Student for CIHA Summer Course ONLY<sup>d</sup>
3. Program desired:  Ph.D.  D.O./Ph.D.<sup>b</sup>  D.O./M.S.<sup>b</sup>  MBS/MPH<sup>c</sup>  Certificate in the Biomedical Sciences<sup>a</sup>
- Master of Biomedical Science Program:  Non-thesis OR  Thesis
- Master of Science in Molecular Pathology and Immunology (thesis only)  Non-matriculated (no degree)<sup>a</sup>
4. Discipline desired (Ph.D. Program students only):  Cell Biology  Molecular Biology

<sup>a</sup> Open only to U.S. citizens or permanent residents.

<sup>b</sup> Open only to students accepted into the School of Osteopathic Medicine.

<sup>c</sup> Open only to students accepted into or also applying to the School of Public Health – Stratford Division.

<sup>d</sup> Open only to students enrolled in an accredited medical, dental or osteopathic school or enrolled as a graduate student at a relevant health profession school.

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

6. Current address \_\_\_\_\_ Home Phone (\_\_\_\_) \_\_\_\_\_  
\_\_\_\_\_  
(City, State, Zip Code) If NJ resident, how long \_\_\_\_\_ County \_\_\_\_\_

7. Permanent legal address (if different from above) \_\_\_\_\_ Cell Phone (\_\_\_\_) \_\_\_\_\_  
\_\_\_\_\_  
Home Phone (\_\_\_\_) \_\_\_\_\_  
\_\_\_\_\_  
(City, State, Zip Code) If NJ resident, how long \_\_\_\_\_ County \_\_\_\_\_ (County)

8. Email address \_\_\_\_\_ 9. Citizenship \_\_\_\_\_

10. For foreign nationals in the United States:  Visa (type) \_\_\_\_\_  Permanent Resident  
When did you arrive in the U.S.A. \_\_\_\_\_  
month year

11. Social Security # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

12. Responses to Gender, Birth Date, Ethnicity and Race are voluntary and will be kept confidential. Failure to furnish this information will not adversely affect the status of this application.

Date of Birth (Month/Day/Year): \_\_\_\_\_ Gender:  Male  Female

Part I – Ethnicity: Select one:  Hispanic or Latino  Not Hispanic or Latino

Part II – Race: Select one or more: American Indian or Alaskan Native Asian Black or African American

**13. List chronologically ALL of the educational institutions you attended since high school, including any community colleges and/or the institution you currently attend.**

Institution	Location	Attended From	To	Degree Sought	Date Expected or Received

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

15. GPA: Undergraduate \_\_\_\_\_ Graduate \_\_\_\_\_

16a. Indicate scores on the Graduate Record Examination (GRE).

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? \_\_\_\_\_

16b. Indicate scores on the Medical College Admissions Test (MCAT).

Verbal \_\_\_\_\_ Physical \_\_\_\_\_ Writing \_\_\_\_\_ Biology \_\_\_\_\_ Total \_\_\_\_\_ Date of Exam \_\_\_\_\_

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

16c. Indicate scores on the Dental Admissions Test (DAT).

Academic Average \_\_\_\_\_ ( %) Perceptual Ability \_\_\_\_\_ ( %) Quant Reasoning \_\_\_\_\_ ( %) Reading Comp \_\_\_\_\_ ( %)

Biology \_\_\_\_\_ ( %) Gen Chem \_\_\_\_\_ ( %) Org Chem \_\_\_\_\_ ( %) Total Sci \_\_\_\_\_ ( %) Date of Exam \_\_\_\_\_

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

17. TOEFL scores (required for all foreign applicants):

Listening \_\_\_\_\_ Structure/Writing \_\_\_\_\_ Reading \_\_\_\_\_ Total \_\_\_\_\_ Essay Rating \_\_\_\_\_ Date of Exam \_\_\_\_\_

18. List scientific publications, academic awards, prizes, membership in honorary or professional societies.

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

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

21. How did you learn of the UMDNJ-Graduate School of Biomedical Sciences? \_\_\_\_\_

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**22. 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 acknowledge that the UMDNJ-Graduate School of Biomedical Sciences has established these requirements for successful academic progress toward the degree sought. 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.

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

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

UMDNJ does not discriminate in admissions or access to its programs and activities on the basis of race/color,



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## **CERTIFICATION OF TRUTHFULNESS STATEMENT**

I understand that, as a condition of admission, I may be required to authorize UMDNJ to obtain criminal background check(s). I may also be required to obtain a background check myself or authorize clinical training facilities to conduct this check, and to permit the results to be provided by the reporting agency to UMDNJ and/or to clinical facilities. If I am offered admission, the offer will not be considered final and I will not be permitted to enroll until completion of my background check, with results deemed favorable by UMDNJ. If the results of the background check(s) are not deemed favorable by UMDNJ or by the clinical facility(ies), or if information received indicates that I have provided false or misleading statements, have omitted required information, or in any way am unable to meet the requirements for completion of the program, the admission may be denied or rescinded or I may be dismissed.

Therefore, 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.

\_\_\_\_\_  
Applicant's Printed Name

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date



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## **Admission Requirements for the GSBS-Stratford**

### **All Doctoral (Ph.D.) Applicants:**

**To apply to the program, students should submit the following:**

- Completed Application for Admission.
- Statement of Intent (question #22 on the application).
- Signed “Certification of Truthfulness Statement”.
- Official Transcript from ALL colleges attended/attending.
- GRE (General test) scores only.\*
- TOEFL scores (required for all foreign applicants).\*
- Three Letters of Recommendation
- \$40.00 application fee payable to “UMDNJ-GSBS”.
- The application fee is waived if you are a U.S. citizen or a permanent resident applying to the doctoral (Ph.D.) program.

### **ALL Other Programs (except Visiting Student for CIHA Summer Course):**

**To apply to the program, students should submit the following:**

- Completed Application for Admission.
- Statement of Intent (question #22 on the application).
- Signed “Certification of Truthfulness Statement”.
- Official Transcript from ALL colleges attended/attending.
- GRE (General only)\*, MCAT, or DAT scores.
- TOEFL scores (required for all foreign applicants).\*
- Two Letters of Recommendation (ALL other programs/applications).
- \$40.00 application fee payable to “UMDNJ-GSBS”.

\*The ETS Institution code for the GSBS at SOM for both the GRE and the TOEFL is **2610**.



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**Visiting Student for Clinically Integrated Human Anatomy (CIHA)**  
**Summer Course ONLY:**

**To apply to the program, students should submit the following by Friday, May 15:**

- Completed Application for Admission.
- Statement of Intent (question #22 on the application).
- Signed “Certification of Truthfulness Statement”.
- Official Transcript from current school enrolled, which is an accredited medical, dental or osteopathic school or other relevant health profession school.
- Letter of Approval from Course Director, Department Chair, Dean of Student, or Dean of Academic Affairs.
- \$40.00 application fee payable to “UMDNJ-GSBS”.

**If accepted, students will have to pay the entire cost of the CIHA Summer Course prior to enrollment, which will include seven (7) credits of tuition at the current per credit tuition rate and a Course Fee of \$250. In the Academic Year of 2008/2009, the NJ resident rate is \$558.00 per credit and the non-resident rate is \$700.00 per credit.**



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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/opmweb/Policies/HTML/StudentServices/00-01-25-40\\_00.html](http://www.umdnj.edu/opmweb/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.