School of Graduate Studies Biomedical Health Sciences at New Brunswick/Piscataway Campus Welcomes You to the Fall 2019 New Student Orientation August 15 East Lecture Hall
Program Leadership:

Directors of the Master of Biomedical Science Program

Debabrata Banerjee, PhD, Smita Thakker-Varia, PhD
Joe Kramer, PhD
Congratulations!

We are proud to announce that 8 of our recent MBS graduates have been ACCEPTED at Robert Wood Johnson Medical School.

87 proud MBS alumni attending RWJMS and growing!
History of Rutgers

1766  Chartered as Queen’s College
1825  Named after Colonel Henry Rutgers (Revolutionary War veteran)
1864  Appointed NJ’s land-grant college
1956  Designated a public university
1989  Invited to join the Association of American Universities
2014  Rutgers joined the Big10
2016  Rutgers Celebrated 250 years!

Rutgers has
- 33 Schools and colleges with more than 200 graduate and professional degree programs
- 50,000 undergraduates and 20,000 graduate students from all 50 states and 115 countries
Ranked 24th of 229 top US universities

*Center for World University Rankings*

Top 10% of American universities in science and engineering research and development expenditures
Rutgers University

Three major Campuses

- New Brunswick
- Newark
- Camden

- 50,857 Undergraduate Students
- 19,919 Graduate Students
- 70,876 total students

- Rutgers U–New Brunswick: 50,254 students
- Rutgers Biomedical and Health Sciences: 6,900 students
- Rutgers U–Newark: 13,451 students
- Rutgers U–Camden: 7,171 students
General Outline

- Administration of the program
- Overview of the MBS graduate Program
- University services and policies
- Program expectations
- Next Steps
SGS Biomedical Health Sciences Staff
RWJMS Research Tower R-102

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School of Graduate Studies at New Brunswick/Piscataway

Research Tower R-102

James Millonig, PhD, Senior Associate Dean
Smita Thakker-Varia, PhD, Assistant Dean for Graduate Academic and Student Affairs
Debabrata Banerjee, PhD, Assistant Dean Global Initiatives

http://rwjms.rutgers.edu/education/gsbs/index.html
http://rwjms.rutgers.edu/gsbs/msbs.html
Your Undergraduate Majors

- American Studies Applied Kinesiology
- Biology, Biochemistry, Biomedical Engineering, Bio. Sciences, Biopsychology, Biology and Business Admin
- Cell Biology, Cell Bio Neuroscience, Chemistry, Civil Engineering
- Economics, Engineering, Exercise Science
- Finance and Accounting, Finance
- General Biology, Genetics
- Health Science, Hebrew and Judaic, Human Biology
- Kinesiology
- Life Science
- Mathematics, Microbiology Medicine, Health and Society
- Neuroscience, Nutrition
- Pharmaceutical, Polymer Engineering, Psychology Public Health
- Spanish
Your Undergraduate Colleges or Universities

- Amity University
- Boston College, Boston University
- California St U. East Bay, Case Western Reserve, Chang Gung U., Colby College, Cornell U, College of New Jersey (5), CUNY Brooklyn College (3), CUNY Queen College.
- Duquesne U
- Fairleigh Dickinson U Madison, Fordham University
- Georgia Mason U, Guizhou U
- Indiana University Pennsylvania
- Johns Hopkins U
- Kean University,
- Lafayette College, Lee U, Lehigh U
- Manhattan College, Marquette U, Middle East Technical U, Montclair State U (2), Muhlenberg College
- New York U (2)
- Penn State U (2), Providence College
- Rutgers U (41)
  - Seton Hall U (3), Spelman College, St Cloud State, Stony Brook U SUNY (4)
  - Tamil Univ., Temple U, Texas State U San Marcos, Texas Womans U
  - Vanderbilt U, Villanova U,
  - Western Washington U.
MSBS/MBS: Program Outline
http://rwjms.rutgers.edu/education/gsbs/msbio.html

- Rigorous curriculum
- Taught by Medical School Faculty-personal interaction with RWJMS faculty
- Need 30 credits to graduate
- 24 credits didactive courses
- 6 credits Capstone course
- One elective each semester
- Grade Point Average of “3.0” (B)
- For MSBS-completion of a lab based research thesis (2-3 years)
MSBS/MBS at SGS-NB/Pisc Curriculum

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<td>• Physiological Basis of Disease</td>
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<td>• Capstone Course I</td>
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<td>• Gross Anatomy</td>
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### MSBS/MBS at SGS-NB/Pisc Curriculum

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MSBS/MBS at SGS-NB/Pisc Curriculum

Fall Electives 2 Credits
- Clinical Biostatistics
- Clinical Drug Development
- Effective Communication
- Embryology
- Humanism in Medicine
- Neurobiology of Addiction
- Neurons and Neighbors
- Personalized Medicine
- Primer on Global Health
- Regenerative Medicine

Spring Electives 3 Credits
- Behavioral Science
- Biomedical Aspects of Aging
- Clinical Pharmacology Small group
- Embryology
- Environmental Health
- Human Physiology in Medicine
- Neuroscience
What is the Capstone Course?

- Required course
- Involves an independent mentored project
- Defined project with reasonable scope
- Mentor helps defining the hypothesis and research methods
- Can be literature based or lab based project
- Expect to spend at least 9 hours per week or ~100 hours per semester on the project

Capstone Course Meeting is on September XXth at 12:00 PM
Online Registration begins from August 16 – August 31

- Your bills are due *immediately*. You will be at high risk for *Non-Payment Holds and de-registration* if your balances are not paid immediately following registration.

- Students with completed and approved Financial Aid applications awaiting disbursement of funds will *not be flagged for non-payment and will not be de-registered* as they should be identifiable in the system *as Pending Aid* by the Business Office.
Register for RUHere Campaign and Financial Responsibility Statement (FRS) for Fall 2019

https://financialaid.rutgers.edu/ruhere-confirmation-of-attendance-process/

The RUHere pop-up message will be turned on for SGS starting August 20, 2019, students should submit their responses as soon as they have registered but not later than September 15, 2019.

Because the entire campaign is designed to confirm students’ registration and attendance, students will not see the pop up message until after they have registered for at least one class. The message will start to appear in the CAS login pages the following day after registration has been processed.

Importantly, if you register for classes and do not respond to the RUHere message, your financial aid will not be released if they have aid pending.
Important Logistics

- Health Insurance (waive by September 30th)
- Immunization records
- Financial aid
- Rutgers ID Cards (online)
- Pictures to Johanna for our records
- Parking virtual tags (purchase permit on-line)
- Course Registration
- PINS will be sent to you by email
- Registration is blocked because of lack of payment
Rutgers Connect 365 Email

- Email can be accessed using connect.rutgers.edu and login with your entire email address NetID@gsbs.rutgers.edu and then your NetID password

- RWJ OIT only supports the Rutgers Connect 365 Web Access which can be accessed directly at https://connect.rutgers.edu

- RWJ OIT does not support setting up any email clients such as Outlook or MacMail for email and does not support setting up email on any mobile devices

- Rutgers students should submit their old IDs and receive the new ID
Important Information

- Activate your Rutgers email
- Check Rutgers email **regularly**
- Check Rutgers email **regularly**
- [https://my.rutgers.edu](https://my.rutgers.edu): the portal
  This is the single point of sign-on to many web based resources
- Academic Management Platform (AMP)
  *all course related materials will be posted*

[https://rwjmsamp.rwjms.rutgers.edu/rwjmsed/block/](https://rwjmsamp.rwjms.rutgers.edu/rwjmsed/block/)
MSBS/MBS: Program Outline

http://rwjms.rutgers.edu/education/gsbs/msbio.html
Important Links for current MBS Students

**Student E-mail**

Connect.rutgers.edu

**MBS Google Calendar**

AMP Portal
Transportation Services

1) Shuttle service between the Research Tower/CABM (Lot C) in Piscataway to Clinical Academic Building (CAB) in New Brunswick (Monday through Friday, 7:00 AM to 7:00 PM).
   - rwjms.rutgers.edu/gsbs/student_affairs/Transportation.html
   - Real-time tracking of the shuttle location can be found online by clicking http://www.catabus.com/Announcements/Mobileapps.html
   - or download the mobile app.

1) Campus Bus System
   - The Rutgers-New Brunswick/Piscataway inter-campus bus and shuttle system is a service provided for all five campuses. Transportation to, from, and on campus includes campus bus, shuttle and public transportation services.
   - http://gobble.rutgers.edu
ADD/DROP POLICY

- drop period is defined as \( 1-10 \) *academic days* from the beginning of a course.
- withdrawal period begins immediately following the drop period and continues through the first \( \frac{2}{3} \) of the course.
- Students withdrawing from a course between \( 11 \) and \( 15 \) academic days after the course begins will receive an 80% tuition refund.
- **No tuition** will be refunded beyond \( 15 \) academic days after the course has begun.
COURSE WITHDRAWAL POLICY

- Withdrawals will be noted as “W” on the transcript. Withdrawals will NOT be granted during the final third of a course.
- withdrawing beyond 10 academic days of the beginning of the course need submission of an “Add/Drop/Withdraw” form. Completed and approved “Add/Drop/Withdraw” forms must be received by the Registrar’s office within the time periods set forth above in order for a course withdrawal to be processed.
- *An academic day is defined as a day that the Rutgers campus at which the student is enrolled is open for business.
Your Fees Include

- Student Health Services
- Student & Rec Center
- Campus Bus
- Career Services
- Student Government Association
- iPads
Miscellaneous Items

- **Handbook**
  [http://rwjms.rutgers.edu/gsbs/current/student_handbook.html](http://rwjms.rutgers.edu/gsbs/current/student_handbook.html)

- Academic Forms: all on the website
  [http://rwjms.rutgers.edu/education/gsbs/current/forms.html](http://rwjms.rutgers.edu/education/gsbs/current/forms.html)

- Graduation documents and dates

- Excused absences, approval required (Johanna has forms)

- **EXAMSOFT** on iPads (will be distributed starting September 4)

- EXAMSOFT Training Session-XX

- Mentoring Program

- Meal Plan??

- Housing end dates??
Some Important Points

- **Gross Anatomy Starts Early in January:** 2 weeks before regular classes begin
- Students will occupy lockers in Fall
- Class attendance IMPORTANT
- Course Evaluations
New This Year: we are working on

- MCAT prep course
- Career panels monthly
Centers of Excellence at Rutgers RBHS

- Brain Health Institute
- Cancer Institute of New Jersey
- Cardiovascular Institute of New Jersey
- Center for Advanced Biotechnology and Medicine
- Child Development, Institute for the Study of
- Child Health Institute of New Jersey
- Environmental and Occupational Health Science Institute
- Protein Data Base
Graduate School Committee Letter

- The Program Directors will write the Graduate Committee Letter.

- Graduate School reserves the right to refuse committee letters for the students for whom we would recommend with reservations due to poor performance.
MBS Committee Letter Checklist

ALL OF THESE ITEMS ARE **RECOMMENDED** IN ORDER FOR US TO WRITE A COMMITTEE LETTER

1. 1 letter of recommendation from MBS faculty or associates
2. 1 letter of recommendation from your capstone mentor
3. Your updated CV
4. AMCAS ID and Letter ID
5. List of faculty writing your letters
6. A detailed autobiographical statement (**written in 3rd person**) with the following items:
   - A brief synopsis of your education and performance thus far including your recent **MCAT** score
   - A description of your background
   - A description of the journey you have taken to get you to this point
   - Address AAMC Core Competencies
   - Your personal statement (optional but preferred)
   - AMCAS ID and Letter ID
Clinical Shadowing and Volunteering Opportunities

- RWJUH Volunteering Website
  http://www.rwjuh.edu/support/volunteer.html
- RWJMS Faculty Websites
- Contact area physicians
- The Homeless and Indigent Population Health Outreach Project (HIPHOP) RWJMS
  http://community.rutgers.edu
Graduate Student Associations at Rutgers University

- Molecular Biosciences Graduate Student Organization (MBGSO)

  Orientation 2019 Activities:
  - Game Night: Thursday August 29th, 5:30-8:30, Deans Conf. Room
  - BBQ: Friday August 30th, 1:00 PM, Waksman Courtyard

- NeuroConnections Club (NCC)
- Rutgers Association of Toxicology Students (RATS)
- Biomedical Engineering Student Society (BESS)
- NJ Seeding Labs—collect equipment to help with research in 3rd world countries
Next Year and Other Options

1. Anatomy Instructor Certificate Program post MBS

2. Preclinical Pharmacology Track option in MBS interested students (should see the Program Directors)
Congratulations!
We are proud to announce that 8 of our recent MBS graduates have been ACCEPTED at Robert Wood Johnson Medical School.

87 proud MBS alumni attending RWJMS and growing!
We wish you the very BEST and remember we are here to help!!

Just stay connected with MBS Program directors!!!