Our physician scientist graduates go on to careers in academia, industry and government. You can find them in private practice, on the faculty of prestigious universities, consulting for leading biomedical companies, and working for government agencies.

Some of our recent graduate accomplishments include:

- Psychiatry/physician scientist residency at University of Maryland, Baltimore
- Dermatology residency at Broward University
- Research fellow/residency in anesthesiology at Johns Hopkins University Hospital
- Hematology and cytopathology fellowship at National Institutes of Health
- Professional Pathology Services, Columbia, SC
- Clinical pathology/laboratory medicine at Mayo Clinic
- Physical medicine/rehabilitation medicine residency at Temple University
- Osteopathic internships at Crozer-Keystone, Jefferson Health New Jersey, Lourdes Health System

Call or email us to learn more about the academically challenging, personally fulfilling and professionally rewarding future that awaits you at RowanGSBS.

Application Deadline is December 15th.
About the Dual Degree Program

The dual degree merges the distinct academic programs of the Rowan University School of Osteopathic Medicine (RowanSOM) and Rowan University Graduate School of Biomedical Sciences (RowanGSBS), and provides an unparalleled learning that prepares students for careers that intersect medical practice and research.

Students must apply and be accepted into each program independently and be currently enrolled in their second year at RowanSOM before applying to RowanGSBS.

Successful candidates will have:

- Earned ‘High Pass’ or better average in RowanSOM medical school courses at the time of application to RowanGSBS.
- Participated in the mandatory, eight week RowanSOM Summer Medical Research Fellowship (SMRF) program with a RowanGSBS basic science faculty member in the summer between the first and second year of medical school.
- Submitted a letter of recommendation from the SMRF basic science faculty mentor at RowanGSBS.
- Accepted students must pass the COMLEX, Part 1 exam no later than June 30th before matriculating into RowanGSBS.

The DO/PhD Curriculum

Designed as a seven-year integrated experience, DO/PhD students complete the first two years primarily in preclinical medical school courses. Prior to applying, students must have taken the General Graduate Record Examination (MCAT scores will not be accepted). In the summer before entering RowanGSBS, the DO/PhD students complete a seven-week lab rotation.

Years 3-5 (PhD years)

- Full-time research toward PhD degree; tuition waiver; competitive stipend; paid health insurance
- Year 3: Students complete graduate core and required course work, select an advisor
- Year 4, Semester 1: Students take qualifying exam, including written and oral Thesis Proposal
- Years 4 and 5: Students complete course and thesis work, write dissertation and publicly defend thesis

Years 6 and 7

Completion of medical degree at RowanSOM
- (Tuition waived for remaining two years at RowanSOM upon successful completion of PhD thesis)

Note: Depending on research progress, the PhD program may take longer than three years.

Research Interests

In our labs you will find dedicated faculty with diverse research interests such as:

- Addiction
- Aging
- Behavioral Neurobiology
- Cell Death
- Circadian Rhythms
- Cognitive Function
- Developmental Biology
- DNA Repair and Replication
- Drug Abuse and Relapse
- Genetics
- Meiosis and Fertility
- MicroRNAs
- Mitochondrial Biology
- Models of Human Disease
- Molecular Oncology
- Monoamine Transmitter Systems
- Neurodegeneration
- Psychostimulant Drug Actions
- Ribosome Biogenesis and Degradation
- Signal Transduction
- Stem Cell Biology
- Stress and Anxiety
- Transcription Mechanisms
- Translational Research
- Traumatic Brain Injury