

“All the research I did as a Medical Scholar was clinically relevant. I want to be an obstetrician-gynecologist, and through my research project I gained a better understanding of the treatment of endometriosis.”



—Beth-Ann Ollivierre, MS
Medical Scholar 2010, Houston, Texas
College of Medicine Class of 2014

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UPSTATE
MEDICAL UNIVERSITY

Medical Scholars Program

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UPSTATE
MEDICAL UNIVERSITY

**Medical Scholars
Master's in
Medical Technology
Program**



**Give Yourself the
Winning Edge**

Being a Medical Scholar in our Medical Technology program puts you in a winning situation. Not only will you earn a master's degree with strong employment potential, you also will be offered conditional acceptance to the College of Medicine at SUNY Upstate.

This program differs significantly from traditional post-baccalaureate programs. Additional program highlights include:

- * Kaplan preparation, clinical experiences and assistance from medical students.
- * Small class size and individualized mentoring.
- * The affordable tuition of a state medical university.

Being a Medical Scholar also gives you an edge in medical school. The content in the master's program is modeled on our own medical school courses, and in some cases is taught by the same faculty.

“I couldn't ask for better preparation. Our research, rotations and clinical experiences have not only given us skills and knowledge of techniques that we wouldn't have gained by going directly to medical school, but they have allowed us to build relationships that will benefit us both professionally and personally.”



—Samantha Jones,
Medical Scholar 2007, Syracuse, New York
Fourth-year student, College of Medicine

“The greatest strength of the Medical Scholars program is that it helps build confidence. It helps to better prepare students who are interested in medicine for entry into medical school. The curriculum includes early exposure to different aspects of medicine and is key to each student's success.”

—Eyone Jones, UMDNJ, New Jersey
Medical School, Newark, New Jersey

“Through the program, I was able to get an idea of what occurs behind the scene in diagnosis of patients — the actual lab and bench work, processing of samples, etc. Most physicians learn about the pathogens that cause disease but none actually get to see it cultured and identified.”

—Caroline Adegite,
Medical Scholar 2009, Jamaica, NY
Second-year student, College of Medicine

Medical Scholars Program Resources

All Medical Scholars will receive the following resources to help them achieve their goal of admission to SUNY Upstate Medical University's College of Medicine:

Academic Counseling: From day one, advisors will be available to you from the Clinical Laboratory Sciences Department, the College of Medicine and Student Affairs.

Mentoring: Each student has the option to be paired with a Big Brother/Big Sister medical student who acts as a mentor. Students will also be included in Student National Medical Association activities.

MCAT Preparation: If required, each Medical Scholar will receive Kaplan MCAT preparation services including preparatory course work, course materials and testing. Success of Kaplan services will also be monitored and assessed each semester.

Clinical Experience: Each student rotates with Infectious Disease physicians, residents and Doctors of Pharmacy to see how patients are cared for and managed by the Infectious Disease team at Upstate. This includes patient contact, review of pertinent laboratory tests under the direction of the Clinical Microbiology Lab, discussion of proper treatment, and access to weekly seminars on current topics in Infectious Disease.

Medical Scholars Earn a Master's in Medical Technology

This master's degree program for Medical Scholars provides advanced medical technology training with a concentration in microbiology.

On Track for Success

The Medical Scholars program has shown success from the beginning.

- In 2006, the first year of the program, all three graduates enrolled in our College of Medicine. One student was asked to consider the MD/PhD program.
- In 2007, all five students in the Medical Scholars program enrolled in medical school.
- In 2008, four students from the Medical Scholars program enrolled in our College of Medicine.
- In 2009, all five students in the Medical Scholars program enrolled in our College of Medicine.
- In 2010, all four students in the Medical Scholars program enrolled in our College of Medicine.

Medical Scholars Program Estimated Costs*

	Class of 2011 (second year)	Class of 2012 (first year)	Class of 2012 (second year)
Tuition (in-state)	\$5,904	\$8,370	\$6,282
Tuition (out-of-state)	\$9,936	\$13,250	\$9,936
Mandatory Fees	\$552	\$580	\$580
Books/Supplies	\$1,000	\$1,070	\$1,070

* Tuition and fees are subject to change.
These estimates do not include living expenses.

Program Of Study (Curriculum)

The 44 graduate credit hour curriculum consists of 10 credit hours in the basic sciences (biochemistry, cell and molecular biology, genetics), 16 credit hours in microbiology and immunology, 2 credit hours in laboratory operations, 6 credit hours of thesis work, and 10 credit hours of clinical rotations.

The lecture courses are a combination of courses taken with students enrolled in the College of Medicine as well as advanced courses taught by the Clinical Laboratory Sciences and graduate faculty. The first two semesters provide a foundation in the basic sciences and a start on a thesis. The last two semesters provide additional course work in microbiology as well as clinical rotations and thesis completion.

Medical Scholars Program Curriculum

44 Total Credit Hours

Year 1											
Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Biochemistry					Cell & Molec Biology		Genetics		Medical Microbiology		
Microbiology and Immunology											
Identify Thesis Research Lab					Research		Research		Research		
Year 2											
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Clinical Micro*		Infect Control**	Infect Disease**			Laboratory		Operations			
					Advanced		Microbiology				
Research					Research		Research				

COURSES

COURSES	CREDITS	TIME
Biochemistry	4	1.5h, 3x/week
Microbiology and Immunology	8	1h, ~5-6x/week
Cell & Molecular Biology	3	2h, 3x/week
Human Genetics	3	2h, 3x/week
Medical Microbiology	6	8h, 5x/week
Clinical Micro Rotation*	5	6h, 5x/week
Research Thesis Proposal	2	
Infection Control**	2.5	4h, 5x/week
Infectious Disease**	2.5	4h, 5x/week
Laboratory Operations	2	2h, 1x/week
Advanced Micro & Immuno	2	2h, 1x/week
Research Thesis	4	

*Depending on enrollment, may also be held late Aug to late Sep.

**Student chooses a 4 week period anytime from Sep to Feb.