



# 2016–2017 New Brunswick Health Sciences Technology High School

**165 BAYARD STREET • NEW BRUNSWICK, NJ 08901 • PH. 732-745-5300 EXT. 4061**  
<http://nbhsths.nbpschools.net/home>

## HIGH SCHOOL PROFILE

### *Innovative Educational Programs*

Mr. Anthony O'Donnell, Chairman/CEO  
 Mr. James Simonic, President

### *Robert Wood Johnson University Hospital*

Mr. Michael Antoniadis, MPA, President and CEO  
 Mrs. Rosanne Tully, RNC, Health Professions Outreach Manager

### *District Administration*

Dr. Aubrey Johnson, Superintendent  
 Dr. John Anzul, Asst. Superintendent of Curriculum/ Instruction  
 Mrs. Kathy Antoine-Smith, Asst. Superintendent for Pupil Personnel

### *School Administration*

Dr. Deborah S. Alexander, Principal  
 Mrs. Joanne Ciezak, Director of Curriculum and Instruction  
 Mrs. Colleen White, School Counselor

The New Brunswick Health Sciences Technology High School (NBHSTHS) is a 21<sup>st</sup> century public school designed to prepare our youth for the challenges of a career in medicine and healthcare. The mission is to provide students with the academic and ethical skills necessary for success in this rapidly evolving field through a course of study that is focused on interdisciplinary activities and hands-on experiences. NBHSTHS engages students in an educational environment that emphasizes math, sciences and the humanities, as well as exposes them to current innovative technology. The school provides a sequentially developed core curriculum that reflects real work experiences in the field of medical and health professions. Built in 1999, the high school is a joint venture of the New Brunswick Board of Education and Innovative Educational Programs in partnership with the Robert Wood Johnson University Hospital.

## COMMUNITY

New Brunswick is a vibrant, culturally diverse city of 55,181 residents, as well as health-care workers, college students and visitors. The world headquarters of Johnson & Johnson; Rutgers-The State University of New Jersey, New Jersey Medical School, the nation's largest medical school; two premier academic hospitals; three professional theatres; and, several four-star restaurants and hotels lie within a few blocks of our school. NBHSTHS is an urban school where a large number of students qualify for the Educational Opportunity Fund Program.

GRADE DISTRIBUTION			GRADUATION REQUIREMENTS		POST-SECONDARY EDUCATION PERCENTAGE			
Letter	Numerical	GPA	Course	Credits	Class of:	Three-Year Summary		
						2016	2015	2014
A+	= 97 - 100	4.3	English	20	Four-year college	77.2%	83.8%	89.5%
A	= 93 - 96	4.0	Math	30				
A-	= 90 - 92	3.7	Social Studies	15	Two-year college	11.4%	13.9%	2.6%
B+	= 87 - 89	3.3	Science	32.5	Other educational institutions/ Military	5.7%	2.3%	7.9%
B	= 83 - 86	3.0	World Language	15				
B-	= 82 - 85	2.7	Art/Music	5	Employment	5.7%		
C+	= 77 - 79	2.3	Health/Phys. Ed.	20				
C	= 73 - 76	2.0	Community Service	50 hours	Total	100%	100%	100%
C-	= 70 - 72	1.7	HSPA	Pass				
D	= 65 - 69	1.0	Financial Literacy	2.5				
F	= 64 and below	0.0	21st Century Life and Careers	5				

## CURRICULUM

Our school has a competitive admission process and accepted students are expected to maintain a 3.0 grade point average. The courses offered are extremely rigorous and are taught on an honors level by teachers who are demanding and whose expectations are high. Our students are challenged by both the honors and advanced placement level courses throughout all four years. Advanced Placement courses are available in English Language and Composition, English Literature and Composition, Chemistry and Biology. Through our working relations with Rutgers University and Middlesex County College, many students graduate with college credits in addition to their high school diploma. In 2003, NBHSTHS was the only recipient of the prestigious Governor's Award for Community Service and Volunteerism, which recognizes a school's outstanding community service programs. The student experience is enriched by various activities that include the school's chapter of The National Honor Society, The Culture Club, grade level fundraising activities and participation in all the athletic teams at New Brunswick High School.

### ACCREDITATION

New Brunswick Health Sciences Technology High School is approved by the New Jersey Department of Education and accredited by the Middle States Association of Colleges and Secondary Schools.

### HEALTH PROFESSIONS SCHOLARS PROGRAM (HPSP)

The HPSP offers students the opportunity to learn about, explore, and observe allied healthcare professions in action with increasing educational experiences and individual learning opportunities in the journey from 9th to 12th grade.

**9th and 10<sup>th</sup> Grade** - consists of once a month Introductions to Careers in Allied Healthcare on the RWJUH campus. Each 9<sup>th</sup> and 10<sup>th</sup> grade student has the opportunity to attend 6 to 8 introduction sessions per academic year. The 10th grade experience also includes certification in American Heart Association Heart saver CPR.

**11th Grade** - allows junior students to engage in a multi-week career shadow/exploration experience on the RWJUH campus and other healthcare facilities of the New Brunswick community. Each student has an opportunity to explore individual allied healthcare career areas of interest. The EMS First Aid Course uses the American Heart Association's Adult First Aid with CPR and AED and Pediatric First Aid with CPR.

**12th Grade** - allows senior students to intern with an allied healthcare professional host on a specific project or assigned responsibilities. The culmination of the senior internship is an oral presentation to classmates and healthcare professional hosts explaining their senior internship project, activities and/or shadow experiences.

### SUMMER EXPERIENCE

Each summer our students have the opportunity to participate in a variety of work/study programs that are designed to develop their employment skills and prepare them for the demands of post-secondary education. Our students participate in a number of science enrichment programs offered by the **Rutgers New Jersey Medical School at Robert Wood Johnson University Hospital**, and research opportunities sponsored by the **American Chemical Society's SEED Program** and **The Cancer Institute of New Jersey**. Our students may also participate in the **Rutgers Future Scholars Program**, **The Waksman Institute** and **The Upward Bound Program** all sponsored by **Rutgers University** and The Rosa L. Parks/Whitney M. Young Jr. Summer Institute sponsored by the **Civic League of Greater New Brunswick**.

### VOLUNTEERISM/COMMUNITY SERVICE

Volunteerism and community service are quintessential ingredients of our school's culture. Our students regularly participate in a plethora of community service activities. Students learn about their community, becoming productive citizens, mastering skills in working with others, and in understanding how they, as individuals, can make a difference. Students are required to complete fifty (50) hours of service before graduation. Students are also encouraged to pursue community service opportunities on their own, in addition to various volunteer opportunities that arise during the school year.



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### TO ALL ADMISSIONS COUNSELORS OF HIGHER EDUCATION

*Our school is one of the answers to the question society has always asked. "How can we help urban students excel?" We believe we have one solution: provide these students with a wealth of experiential learning opportunities, create a warm nurturing environment, and have high expectations for their progress...We ask schools of excellence to accept our students, so they in turn, can be role models for the upcoming young people of this community.*

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