Townsend Harris High School
AT QUEENS COLLEGE

Brian Condon, PRINCIPAL
149-11 Melbourne Ave
Flushing, NY 11367
www.townsendharris.org
www.thhs.qc.edu

#1 SCHOOL
NEW YORK

2019 OPEN HOUSE
NOVEMBER 4TH
at 5PM

booklet designed & printed by
NABIL AHMED KHATRI (CLASS OF 2013)
THE TRADITION

TOWNSEND HARRIS is a school with an honored past. In 1848, the New York Free Academy, the first municipal institution of free higher education in the world, was established by the Board of Education due largely to the efforts of Townsend Harris, who was, at that time, the president of the Board. The Free Academy became the City College of New York. The “introductory year” of the Free Academy grew into Townsend Harris High School, which flourished until 1942 when it was closed by Mayor Fiorello LaGuardia. Reestablished in 1984, the present school has had, from its inception, this rich tradition supported by an active group of alumni. Our alumni arrange internships for students, serve as mentors and provide financial support for special projects and programs.

SCHOOL PROFILE

Townsend Harris High School is a selective academic institution with an outstanding history that dates back to the 1800’s. Located on the Queens College campus, it was designated as a National School of Excellence in 1989. The school is comprised of approximately 1,100 academically gifted and culturally diverse students who have been selected from the entire city of New York based on demonstrated evidence of high academic motivation and achievement.

MISSION STATEMENT

“...The mission of Townsend Harris High School is to foster a love of learning, to instill the habit of inquiry, and to promote an awareness of beauty in nature and in the arts. We expose our students to multiple perspectives so that they will be able to appreciate various points of view. We enable our students to achieve their potential and to become articulate and responsible adults who respect others and are productive members of our society. We prepare our students for ethical and intellectual challenges, by providing rigorous Humanities, Classics, Math, Science, Art, Music, and Physical Education programs that are enriched by the integration of current technology. Our instructional program promotes respect for people and ideas, critical and creative thinking, and precision of language that prepares each student to be college and career ready. We encourage our students to strive for excellence, to make sensible decisions, and to develop an enduring commitment to serving the community. We seek to graduate talented and motivated students who reflect the diversity of our city, become lifelong learners, and make meaningful contributions to the world. We enable our students to achieve their potential and to become articulate and responsible adults who respect others and are productive members of our society.
OUR PROGRAM

• All Townsend Harris classes are Honors Level, Advanced Placement or College Level.
• All students take Queens College courses, (12 FREE college credits) during their senior year.
• We currently offer 23 Advanced Placement classes.
• Our respect for First Amendment rights has earned us seven “Let Freedom Ring” awards, making THHS the only New York state school to receive this.
• Our Humanities Department offers four distinct tracks: Social Science Research, Law, Film & Theatre, and Writing (creative and journalistic); each utilizes NYC’s greatest cultural institutions to make your education more hands-on.
• Our school newspaper, the Classic and art and literary magazine, the Phoenix, have won numerous annual national awards from Harvard, Columbia, CUNY, and many professional institutions.
• We are also very proud to have one of the very few Social Science Research programs in the city! We offer research-based education designed to make you think like a psychologist, sociologist, politician, or an outstanding college candidate. Our students reach city, state, and national levels every year.
• Our US FIRST robotics team, the Steel Hawks (FRC 2601), won the Engineering Inspiration Award at the NYC Regional Competition and at SBPLI 2018, 2015 and the Gracious Professionalism award at both the Long Island Regional Competition and the World Robotics Competition (2015). Last year, the Steel Hawks won the Hudson Valley Regional competition and reached the semi-finals in Long Island. The team competed in the World Robotics Competition for the 2nd time in its 10 year history.
• Our Science Olympiad Team won the NYC Metropolitan Regional Championship for the 6th time in 10 years (2017, 2016, 2015, 2013, 2009, 2007) and was the highest ranked NYC team at the NYS Science Olympiad. Our highest finish at the State Level was 7th place.
• Our film program allows students to make short documentary or fiction movies and offers constant access to a TV and radio studio. Our students won scholarships for summer film intensive in Tribeca and later won awards at the Tribeca Film Festival.
• All Townsend Harris students participate in an annual three-month long Election Simulation featured on WNYC’s New Yorker Radio Hour and a subject to an upcoming documentary film.
• Our school was awarded the Intel Award for Best High School Science Program.
• In line with our deep commitment to the classical education, all Townsend Harris students complete two years of Latin or Classical Greek in addition to studying a modern language.
• National Honor Society: On average, 50% of our student body is admitted to the National Honor Society which requires a 90% average and 50 hours per year of community service.
• The 289 graduates in the class of 2019 were offered 863 scholarships amounting to over 69 million dollars.
• SAT mean scores for the Class of 2019:

<table>
<thead>
<tr>
<th>Section</th>
<th>Score</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Reading</td>
<td>685</td>
<td>559</td>
</tr>
<tr>
<td>Math</td>
<td>713</td>
<td>562</td>
</tr>
</tbody>
</table>

• ACT mean scores for the Class of 2019:

<table>
<thead>
<tr>
<th>Section</th>
<th>THHS</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite Score</td>
<td>29.9</td>
<td>25.6</td>
</tr>
</tbody>
</table>

• Each student engages in 40 or more hours of community service each year fulfilling their commitment to the Ephic Oath "to leave our city greater and better than we found it."
• Extracurricular Program: We have over 30 athletic teams and over 50 clubs and activities.
SAMPLE SCHEDULE
Veronica York, Assistant Principal, Pupil Personnel Services

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SOPHOMORE YEAR</th>
<th>JUNIOR YEAR</th>
<th>SENIOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1</td>
<td>English 2</td>
<td>English 3/ AP English Literature/ AP English Language</td>
<td>Humanities Colloquium (College Course and College Credit)</td>
</tr>
<tr>
<td>AP World History 1</td>
<td>AP World History 2</td>
<td>AP US History</td>
<td>Participatory Democracy (or AP)/ Economics (or AP)</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Common Core Algebra 1 or</td>
<td>Common Core Geometry or</td>
<td>Common Core Algebra 2 or</td>
<td>Elective</td>
</tr>
<tr>
<td>Common Core Geometry</td>
<td></td>
<td>Pre-Calculus</td>
<td></td>
</tr>
<tr>
<td>Modern Language 1 or 2</td>
<td>Modern Language 2 or 3</td>
<td>Modern Language 3 or Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Writing Process</td>
<td>Latin or Greek</td>
<td>Latin or Greek</td>
<td>Elective</td>
</tr>
<tr>
<td>Biology or Chemistry</td>
<td>Chemistry or Physics</td>
<td>Physics or Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Music/ Fine Arts</td>
<td>Elective</td>
<td>Elective</td>
<td>Queens College College Elective (College Course and College Credit)</td>
</tr>
</tbody>
</table>

ADMISSIONS - OUR SELECTION CRITERIA

Townsend Harris students are life-long achievers. Their dedication to personal development and academic discipline begins long before they reach our school and continues long after. Students from all five boroughs of New York City are eligible to apply to Townsend Harris and are selected through a competitive screening process rather than by a single entrance exam. Admission for entering ninth-grade students is based on 7th-grade standardized-test scores, final report card grades, and attendance. Admission for entering tenth-grade students is based on 8th-grade standardized-test scores, final report card grades, and attendance.

To be considered for admission, students must have:

- have a minimum overall average of 90%.
- (Students who have higher scores are more likely to be selected.)
- excellent standardized test scores.
- all students need excellent attendance and punctuality.

For students with IEPs we participate in flexible admission. Please reach out to Ms. Veronica York, Assistant Principal, PPS or Ms. Georgia Brandeis, Assistant Principal, ISS for additional information.

QUEENS COLLEGE COLLABORATION

ROBIN HIZME, DIRECTOR

BRIDGE YEAR - The senior year at Townsend Harris High School at Queens College is also called the Bridge Year. During the Bridge Year, students begin taking college courses at Queens College, with other Queens College students. Seniors begin to experience the privileges and responsibilities of being a college student while still maintaining their high school support systems. Through the Townsend Harris High School at Queens College, seniors take these college courses tuition free.
ACCESS TO QUEENS COLLEGE

The Townsend Harris High School at Queens College and Queens College collaboration provides students with a variety of benefits. Starting in freshman year, all THHS students receive a Queens College student photo-identification card which grants them various privileges, including access to facilities and special events on the Queens College campus:

- The Benjamin Rosenthal Library, including the Art and Music Libraries;
- Student computer labs and printing facilities;
- The Fitzgerald Gymnasium and related athletic facilities;
- The Kupferberg Center for the Arts, including the Aaron Copland School of Music,
- LeFrak Concert Hall, Godwin-Ternbach Museum, Louis Armstrong House Museum, Queens College Art Center, and drama, theatre, & dance events at the Colden Auditorium;
- QC Student Union presentations by guest speakers such as academics, politicians, business leaders, non-profit volunteer organizations, authors, and filmmakers.

SPECIAL PROGRAMS AND PROJECT OPPORTUNITIES

In addition to having access to the campus’ activities and facilities, the high school’s location on campus allows interaction and collaboration with Queens College students and faculty through Special Programs and Projects:

- The Election Simulation project
- Visiting Professors program
- Science and Social Science research
- QC student tutoring and mentoring
- Robotics – The Steel Hawks

ELECTION SIMULATION

Every year the entire Townsend Harris High School student body participates in the Election Simulation Project. First initiated in 1996 by Townsend Harris High School Social Studies teachers led by Dr. Michael Krasner, a Queens College professor of Political Science and co-director of the Taft Institute for Government, it runs continually every year since.

The Election Simulation has served as a model of student involvement to develop an understanding of the electoral process and critical thinking about the role of the media and special interest groups in elections in the United States. It works to establish overall civic-mindedness by encouraging students to pursue their civic duties and responsibilities. Many students also receive the opportunity to work in local elected officials’ offices through the Election Simulation.

Part of the simulation each year involves making media presentations for the campaigns. Townsend Harris High School has a fully-equipped media center with editing equipment, and each year, College Preparatory Programs recruits a member of the Queens College Media Studies department to teach and mentor students in video production and editing.

VISITING PROFESSORS PROGRAM

The Visiting Professors Program started out as a special one-week event for Townsend Harris High School freshman and sophomore students during which Queens College professors visit select classes as guest lecturers to speak to the students about some aspect of the subjects being taught. Participating Queens College faculty from various divisions and departments of the college including Linguistics & Communication Disorders, Fitness, Nutrition & Exercise Sciences, English, Mathematics, Physics, History, Political Science, and Economics have participated.

The purpose of the Visiting Professors Program is to highlight interesting topics within the subject fields, introduce students to experts in these disciplines, and facilitate scholarly discussion about the opportunities for further study and even future careers within those fields. It also creates more opportunities for mentoring between Queens College faculty and Townsend Harris High School underclassmen, such as those that exist currently between those involved in the Social Science Quality of Life and Intel Science/Social Science research competitions.
HUMANITIES
Rafal Olechowski, Assistant Principal

THE HUMANITIES DEPARTMENT introduces our students to the processes of critical thinking and intellectual investigation geared toward intellectually gifted and talented student body; we accomplish this through a close study of literature, history, and creative expression. Our 9th grade English and History classes focus on the study of the classical world and its values; at the same time, a year-long Writing Process class will sharpen and redefine your writing skills. The first three years will develop your intellectual, analytical, oral, and written skills needed to succeed in college. During the final year at THHS, you will take advantage of our partnership with Queens College by participating in the Senior Seminar Colloquium (a Queens College class taught by a college professor and THHS teacher), Election Simulation (a school-wide, interdisciplinary, multimedia simulation of the most current election), and taking QC electives. No description of our Humanities Department would be complete without bringing up our award-winning AP Capstone program (2 or 3 year paths) that will teach you how to conduct research and submit it to the city, state, and nation-wide competitions.

AWARDS AND ACHIEVEMENTS

• Laura and Robert Chodos Award for Excellence in Student Research Using Historical Records, Grades 9-12
• Voice of Democracy Youth Essay Competition, First place John V. Daniels Jr. Post 2813
• New Voices Young Writers Competition, Award of Excellence in the Senior Short Story Category, Award of Excellence in the Senior Poetry Category, First Place in the Senior Division Poetry Category, Honorable Mention in the Junior Division Poetry Category, Honorable Mention in the Senior Division Poetry Category
• Japan Center Essay Contest/Stony Brook University, Uchida Memorial Award
• Association of Supreme Court Justices of the State of New York Law Contest, First Place, Finalist (Second Place), Finalist (Eighth Place)
• C-SPAN StudentCam Documentary Competition: “Nation of Immigrants” & “Transvalue Obamacare”; Honorable Mentions 2014, 2015.
• New York County Lawyers’ Association-First Place Prize Winner
• InvestWrite, First Place, New York State High School Division, 2015
• 92 Street Y-Martin Gardy Award for Prose judged by Yiyun Li, Honorable Mention.
• Model UN Change the World International Conference, Honorable Mention
• New York City History Day Results (March 2015)-Senior Group Documentaries: First and Second Place; Senior Individual Performances: First and Second Places; Senior Group Performances: Third Place; Senior Individual Exhibits: Second Place; Senior Group Exhibits: Second Place; Senior Individual
• New York State History Day (April 2015)-Senior Group Documentaries: Third Place; Senior Individual Performances: Third Place; Senior Exhibit Board: Third Place; Special Awards: National Baseball Hall of Fame Award, New York State Historical Association Award, Women’s History Award
• InvestWrite Essay Competition 2013 - 2nd Place National, 1st Place New York State High School Division, 2014-First Place in NY State, 2015-First Place in NY State
• The Stock Market Game Spring 2013 - 1st Place Team Queens High School division
• W!SE- Top 100 Best High Schools Teaching Personal Finance, 2015, 2014.
• Mock Trial, 2012 – NYC Champions; 2011 – Rounds of 16
• Project Citizen, 2011 — 3 Winners; 2009 — 3 Winners; 2008 — 1 Superior Ribbon and 3 Honorable Mentions
• The Scholastic Art & Writing Awards, 2015, 2009, 2005
• Moot Court Champions, Finalists or Semi-Finalists since 2001

PUBLICATIONS

THE CLASSIC is more than your typical student publication. In addition to winning numerous awards citywide and nationwide, its work has been recognized and cited by numerous professional publications, including The New York Times, The Wall Street Journal, The NY Daily News, the Associated Press and more. Its editors were recently honored by a non-profit organization for their work reporting on the NYC Department of Education. With a staff of over a hundred students, the paper produces print edition, runs a website, designs 200 page book every June, oversees two photography publications, and has a dedicated YouTube channel. At yearly CUNY journalism conferences, the editorial staff has been invited to teach others how to run school publications as they do. Students who join the paper gain important experience in communications, writing, design, new media, and more.

• ESSPA — Gold Medal, 1994-2002, 2009 — 3 Gold Medals, 1 Silver Medal, 1 Bronze Medal and 1 Honorable Mention
• 2012 Newsies! Award for Feature Writing
• 2013 Harvard Crimson Award for Editorial Writing
• 2013 Youth Journalism International Honorable Mention for Feature Writing.
• Columbia Scholastic Press Association
• Newsies!The Classic, “Dow Jones Best Overall Print Newspaper” and the “Dow Jones Best Overall Online News Site” at the citywide awards hosted by Baruch College. It also won awards for Best Feature Writing, Best Sports Writing, Social Media reporting, Photojournalism, artwork, and opinion writing.
• Harvard-The Classic-Crimson Award for Editorial Writing, 2013, Youth Journalism International Honorable Mention for Feature Writing, 2013

THE PHOENIX is simply an art and literary magazine; however, it is equally the creative soul of the school and home to over 100 students who all meet at least once a week. They publish regularly throughout the year, whether it is in one of our three zines, website, or a main 140-page annual magazine. Additionally, Phoenix-ers organize monthly readings where student work (writing, music, photography, art) is read and displayed, including a 3-hour long cultural event at the flagship Barnes & Noble bookstore. Our students can take advantage of creative workshops at the Godwin-Ternbach Museum and Ugly Duckling Presse, where they get to write about art, sketch, and learn about letterpress printing. During your time in the Phoenix, you will become a part of a creative community that supports and mentors each other. You will also learn skills in an advanced publishing skills that will enable you to get a job during college and summers. The Phoenix has been awarded annually through nationally recognized institutions such as Columbia Scholastic Press Association, National Press Association, and the National Council of Teachers of English.

• The Phoenix, National Scholastic Press Association-Gold Medal 2016, Gold Medal 2015, All American Honors Award (highest recognition) 2014.

COLLABORATIVES

• Queens College
• Godwin-Ternbach Museum
• Ugly Duckling Presse
• The Taft Institute for Government
• The Museum of Modern Art
• TDF Open Doors Program
• 92nd Street Y Poetry Program

SPECIAL CLUBS

• Model UN
• Moot Court and Mock Trial
• SPE (Students for the Preservation of the Earth)
• The (MAL)contents

ANNUAL ACTIVITIES

Founders Day, The Election Simulation Project, We the People, The FED Challenge, Project Citizen, Vocabulary Month, Spring Musical Play, Debate, Monthly Literary Readings/Open Mic, Theater/Museum Trips, frequent trips to conferences and competitions.
THE LANGUAGES OTHER THAN ENGLISH DEPARTMENT is a pillar of Townsend Harris, with 10 teachers and 48 courses. Each student at THHS is expected to take five years of foreign language (three years of a modern language and two years of a classical language). The classes offer a solid foundation for those with no prior knowledge of the language. Speaking, listening, reading, and writing are all emphasized, with class time devoted to oral expression. Modern Language classes are taught primarily in the target language, and lessons cover all areas of language study, including interpersonal, interpretive and presentational communication, analysis of cultural practices and acquiring of diverse perspectives, making connections, identifying language and cultural comparisons and participating in school and global communities. Students should be able to engage in everyday conversation with native speakers, and read straightforward texts, both fiction and nonfiction, with relative ease. A variety of resources offers virtual linguistic and cultural immersion, and provides material for in-class discussions and special activities. Advanced courses are not simply informational; scholarly perspectives and assumptions are challenged.

Modern Languages offered are Spanish, French and Japanese. Classical Languages offered are Latin and Classical Greek.

MODERN LANGUAGES
All students are required to take 3 years of a Modern Language.

LANGUAGES: Japanese, Spanish, French

ADVANCED PLACEMENT CLASSES: AP French Language, AP Spanish Language, AP Spanish Literature, Spanish Conversation, AP Japanese Language & Culture

ACTIVITIES/ACCOMPLISHMENTS:
- Original short story and poetry writing in target language
- 100% passing rate, LOTE Comprehensive Examinations (Spanish, French, Japanese)
- Compete and win top honors in annual Japan Bowl in Washington DC
- Annual National Japanese Speech Contest winners
- Recipients of travel scholarships to visit Japan annually
- Exchange program with Townsend Harris’ sister school, Shimoda High School in Japan
- Annual National Japanese Exam, Gold, Silver & Bronze awards
- Japanese National Honors Society & Japan Bowl Academic Team
- Top honors in the Stony Brook University Canon Essay Contest
- Study and travel abroad activities each spring to Europe and South America
- Trips to Spanish, French, and Japanese theatrical productions, diplomatic missions, and sites of cultural interest
- The Queens College Connection: seniors may take courses in all modern and classical languages
- Festival of Nations performances involve over 600 students and 20 ethnic group

CLASSICAL LANGUAGES
The Classical Language program is designed to open a whole array of interests ranging from architecture to history, languages and literature. In addition, students are exposed to the rigor of logical thinking and verbal analysis. All students are required to take 2 years of a Classical Language.

LANGUAGES: Classic Greek, Latin

ADVANCED PLACEMENT CLASSES: Latin

ACTIVITIES/ACCOMPLISHMENTS:
- More than 350 students participate in the National Latin/Greek Exam
- On the National Greek Exam, 23 students received blue or red medals, reflecting scores of 90 or more.
- On the National Latin Exam, 254 of the students received gold medals, 25 of which were perfect papers.
- Two finalisters, Boston University Latin Scholarship competition
- Three semi-finalisters, New York City Greek Essay contest
- Compete in Harvard and Yale Certamen
- Host NYC Certamen and are consistently finalisters or winners
- Cash prize winners, finalisters, and semi-finalisters in the Phaedrus Latin Composition contest
- Medusa Mythology Competition finalisters
- THHS took second place at the City Dionysia.
FINE ARTS

THE FINE ARTS DEPARTMENT offers two broad kinds of instruction: studio courses in art (including drawing, painting, sculpture, printmaking, mixed media, photography, film, video, and animation), lecture and discussion courses in the history, theory and criticism of the arts, and film studies. Our facilities include the art studios with working kiln, refurbished photography lab, television and radio studio and animation laboratory. We offer Art Exploration, Artistic Inquiry, Technical Drawing, Technical Design, Animation, Photography, Photojournalism, Broadcast Media Arts (TV-Radio-Stage), Publishing, Portfolio Preparation and Review, Art Club/Squad, Advertising Club, Stage Design, and Set Production.

COLLABORATIVES

Studio in a School; Programs at The Cooper Union, Metropolitan Museum, Museum of Modern Art (MoMA), and the Cloisters; Internships at film studios, advertising and architectural design firms.

YEARBOOK

Crimson and Gold - Our award-winning yearbook produced by the photojournalism classes has received All-Columbia Honors for its graphic design and the Silver Medalist Certificate. The ESSPA awarded this publication with their Gold Award/All New York.

ANNUAL ACTIVITIES

Fall and Spring Art exhibitions, Fashion Design and Showcase, Independent Study Exhibition, Film Festival, Photography Exhibition.

MUSIC

THE MUSIC DEPARTMENT seeks to develop a greater understanding of musical language, musical performance, the conceptual foundations of music, and of how critical listening and analysis can be performed. While previous knowledge of reading musical notation is helpful, students do not need previous experience. Our program offers a wide range of opportunities for beginners such as basic music instruction and introduction to instruments and singing, right up to advanced studies such as All State festivals, NYSSMA solo competitions, student conductor positions, and more. Our facilities include a band room, piano room, four soundproof practice rooms (each with a piano), an instrument storage room, and state of the art performance space. We offer hands-on workshops with professional musicians and music technicians as well as offer the following classes: Wind Ensemble, Jazz Ensemble, Symphonic Band, Concert Band, Chorus, Keyboarding and Music Theory, Chamber Music, and String Orchestra. All of these classes, aside from Music Theory, represent different performing groups in the program and perform at both the Winter and Spring Concerts. Select groups will also perform at festivals such as NYSSMA Majors, Essentially Ellington, Music in the Parks, and more. In addition there are extracurriculars that branch off the music department that are a mixture of music faculty directed and student directed such as the annual S!NG competition, Festival of Nations, and the Spring Musical.

COLLABORATIVES

Aaron Copland School of Music, New York Pops and The New York Philharmonic Orchestra

ACTIVITIES

NYSSMA Contest Winners, All State Chorus and Orchestra Winners, Bertelsmann Foundation World of Expression, Scholarship Winners, and Citywide Jazz Festival winners.

Winter and Spring Concerts, Classical Music Recital, Founders’ Day, Musical Drama Production, Battle of the Bands and Variety Show and Talent showcase.
ELECTIVE OPTIONS IN MATH AND SCIENCE

Once our students complete the basic required courses (Algebra I, Geometry, Algebra II and Biology, Chemistry and Physics) there are a wide array of courses from which to choose.

- **MATH:** Pre-Calculus, Advanced Algebra, AP Calculus AB, AP Calculus BC, AP Statistics
- **COMPUTER SCIENCE:** AP Computer Science Principles, AP Computer Science (JAVA), and CAD (Computer Assisted Design)

EXAM STATISTICS

**MATHEMATICS**
- Last year, our passing percentage for Common Core Algebra I, Common Core Geometry and Common Core Algebra 2 exceeded 99.5%.
- Mastery learning (scores of 85% or higher) were achieved by more than 89.5% of all students

**SCIENCE**
- Last year, our passing percentage for all science Regents exams was 98.5%, placing Townsend Harris in the top tier of New York State Science programs. Mastery rates for these exams was greater than 75%

CUNY TV (CHANNEL 75) profiled our Steel Hawks and Gold Hawks Robotics Teams in 2013.  
CLASS STATISTICS

MATHEMATICS
- 100% of our students complete three years of college-preparatory mathematics (Algebra, Geometry, Algebra II and Trigonometry) and pass all of their Regents Exams
- More than 87% of our students enter at least one year accelerated in Mathematics (having taken the Algebra in Junior High or Middle School), and fulfill their three-year math requirement with an advanced math elective.
- In 2019-2020 most of the seniors class was enrolled in one of our advanced electives AP Calculus AB or BC Computer Science A or AP Statistics

SCIENCE
- 100% of our students study 3 years of Science. Regents Biology, Chemistry and Physics are required courses.
- 72% of our students enter with one year accelerated in Science and complete their third year of required science by taking advanced electives. More than 95% of our students complete four or more years of Science study.
- More than 80 students are engaged in Science Research each year, both inside our own Science Research Lab as well as at major hospitals, universities and research institutions in, and around, NYC.
- More than 100 students are engaged in our Pre-Engineering Program through courses and/or through our US FIRST FRC after school program

ACADEMIC TEAMS

OUR SCIENCE OLYMPIAD SCIENCE CLUB
(est. 2004)
www.thscioly.com
Our Science Olympiad Team won the NYC Metropolitan Regional Championship for the 6th time in 10 years (2017, 2016, 2015, 2013, 2009, 2007) and was the highest ranked NYC team at the NYS Science Olympiad. Our highest finish at the State Level was 7th place. Our team has represented NYC at the NYS Science Olympiad EVERY year since 2005.

MATH TEAM
- NYS Math League (grades 9-12).
- AMC 10/12 American Mathematics Contests
- Queens Mathematics Competition - 18 years participation
  - 2019 - We won first place in the Level 3 contest
- Our students participate annually in the TIME 2000 Mathematics Conference at Queens College.

DEPARTMENTAL COLLABORATIONS
- Memorial Sloan Kettering - Human Oncology and Pathogenesis Program (HOPP)
- Magellan Aerospace
- Queens College - Articulation Agreements in Biomedical Research and Engineering as well as Visiting Professors
- Titan Machining
- World Science Festival

CAREER AND TECHNICAL EDUCATION (CTE)
We offer two three-year CTE sequences for which we have in place articulation agreements with Queens College.

BIOMEDICAL TECHNOLOGY/SCIENCE RESEARCH
Harris’ world-class three-year Science Research Program begins in the sophomore year. Our students gain recognition annually in the Intel, NYCSEF, ISEF and Junior Science and Humanities Symposium and many other contests in which they win a disproportionately large number of awards. Students in this program earn up to three years of additional high school science credit.

PRE-ENGINEERING/ROBOTICS
Computer Aided Design (CAD), Pre-Engineering - Electronic and Mechanical Systems (Robotics), and Applied Engineering
- Students in this program have the opportunity to intern at Magellan Aerospace or Titan Machining after completing our program, and satisfying their criteria.
- Eligible sophomores and juniors can participate in our College Now Math and Science Program at Queens College. (College credit granted on successful course completion.)

HONOR SOCIETIES
(Requirement: 93% average in the science or math + 90% overall + 5 or fewer demerits)
- 243 students were inducted into the NEW YORK STATE SCIENCE HONOR SOCIETY (NYSSHS)
- 221 students were inducted into the MU ALPHA THETA NATIONAL MATH HONOR SOCIETY

PUBLICATIONS
- The Science Department sponsors the Townsend Harris High School Journal of Student Research which contains the abstracts of our students’ award winning Science research.

SPECIAL FACILITIES
- DEDICATED ROBOTICS FACILITY (SEPTEMBER 2019)
  Sixteen 3-D printers, 2 Drill Presses, CO2 Tube 90w Laser Cutter, CNC and an 18 station, 36 seat HD Dual monitor CAD computer room.
- DNA RESEARCH LAB: Realtime PCR, multiple stations for protein and DNA electrophoresis, Western Blot Equipment
Townsend Harris’ Research Program continues to be a dominant force in high school research. Students interested in participating in Science Research can take advantage of our outstanding three-year Science Research Program that culminates in the submission of an independent research project to several prestigious competitions including Siemens, Regeneron STS (formerly INTEL STS), the International Science and Engineering Fair (ISEF), and the Junior Science and Humanities Symposium, among others. Students in this program can earn up to seven years of high school science credit during their high school career.

Although our Research Program is relatively small, (a total of 35 students are in our Junior and Senior Classes) our results are indicative of the quality of work our students accomplish.

ACHIEVEMENTS AND AWARDS:

- Intel - International Science and Engineering Fair:
  - 1st Place: Physics (2011)
  - 2nd Place: Microbiology (2003), Biochemistry (2013)
  - 4th Place: Zoology (2005); Medicine (2006); Chemistry (2007); Biochemistry (2014)

NYC Science and Engineering Fair Finalists: Every year for the past 20 years including 9 students in 2019 (Animal Science, Cellular and Molecular Biology, Chemistry, Computer Science, Medicine and Health Science)

- 3rd Place Overall: 2013, 2015 (and advancing to the US JSHS)
- 2nd Place: Chemistry (2013 ,2015); Engineering (2013); and Physics (2013)

- The Mahalo Award - Brunswick Eruption (2014, 2015, 2018)
- The Engineering Inspiration Award - NYC FIRST Regional Competition (2015), LI Regional (2018)
- The Gracious Professionalism Award at:
  - The NYC FIRST Regional (2014)
- Hudson Valley Championship (2017)
- Hudson Valley Judges Award (2018)
HEALTH AND PHYSICAL EDUCATION
Ellen Fee, Assistant Principal

THE HEALTH AND PHYSICAL EDUCATION DEPARTMENT seeks to provide students with a comprehensive program that incorporates critical thinking and teaches practical skills while promoting a desire for a lifelong healthy and fit lifestyle. Our Health class (taken in 10th grade) includes topics such as Nutrition, Substance Abuse, Mental Health, Human Sexuality and Lifestyle Diseases.

ELECTIVE OPTIONS
Physical Education elective courses (for 10th, 11th, and 12th graders) include:

- Strength Training & Fitness (THHS weight room)
- Aerobics & Fitness (THHS gym)
- Physical Conditioning & Fitness (Queens College gym)
- Volleyball & Basketball (THHS gym)
- Tennis & Fitness (Queens College courts)
- Yoga & Fitness (THHS)

TEAM SPORTS
At Townsend Harris scholar-athletes have opportunities to shine in many different arenas including: badminton, baseball, basketball, bowling, cross country, fencing, flag football, handball, soccer, softball, swimming, table tennis, tennis, track & field, volleyball and wrestling. Townsend Harris High School offers 32 interscholastic sports teams that compete within the Public School Athletic League (PSAL) in New York City. Over 80% of our teams made playoffs last year, and 13 of our team sports finished in the top 2 in their division. We had 2 Heisman winners (highest athletic PSAL honor) and one of our students was highlighted as NY1 Scholar Student Athlete of Week and one as the City-Wide PSAL Scholar-Athlete of the Year!

HIGHLIGHTS
- Girls badminton won its second consecutive Queens Division championship and advanced to the PSAL city-wide semifinals. Last year’s city champ, a THHS senior was named the most outstanding player by the PSAL and received the Heisman/Wingate trophy in girls badminton.
- Girls fencing won the 2017 PSAL City-Wide Epee Championship for the second year in a row with a THHS senior earning the PSAL Heisman/Wingate trophy as the best senior fencer in New York City.
- Girls handball also won their division, advancing to the city quarterfinals. Both boys and girls tennis teams as well as girls bowling had strong finishes at the top of their respective divisions and making strong playoff runs and having players selected to the city individual championships. In girls wrestling, a THHS senior finished second in the city and qualified for nationals for the 4th straight year.
- Girls swimming remains a perennial powerhouse with an undefeated dual record of 80 winning the coveted Queens A championship title and making the final four highlighted by a THHS senior’s individual performance in the 100yd earning her a trip to the PSAL “All-City” team and a chance to compete at the New York State swimming meet.
- Boys and girls cross country teams have a detailed history of success that comes from strict training, dedication and mental toughness leading to second place finishes at the Queensboro Championship. Cross country lays the foundation for the strong performances throughout the year by our indoor and outdoor track and field teams. Along with qualifying for the state federation meet, student-athlete a THHS senior was selected as NY1’s Scholar-Athlete of the week and a THHS senior was selected as PSAL Male Scholar Athlete of the Year – both earning scholarships for college.
- Team sports at Townsend Harris compete with the best of the best throughout the city and compete against larger schools on a regular basis. Our girls and boys soccer, basketball, softball, baseball and volleyball proved that working together as a team creates results as nearly all of these teams advanced in the city-wide PSAL playoffs. Highlights include top 15 rankings city-wide for 5 teams and quarterfinal finishes for boys basketball and boys volleyball with players being selected to the city-wide exceptional senior games. Additionally, girls flag football made the playoffs for the first time since the team was added six years ago.

FALL TEAMS
- Boys Badminton
- Boys Bowling
- Girls Bowling
- Girls Cross Country
- Boys Cross Country
- Boys Fencing
- Boys Soccer
- Girls Soccer
- Girls Swimming
- Girls Tennis
- Girls Volleyball
- Girls JV Volleyball

WINTER TEAMS
- Boys Basketball
- Girls Basketball
- Girls JV Basketball
- Girls Indoor Track
- Boys Indoor Track
- Girls Table Tennis
- CoEd Wrestling

SPRING TEAMS
- Boys Badminton
- Boys Baseball
- Girls Fencing
- Girls Flag Football
- Girls Handball
- Boys Handball
- Boys Outdoor Track
- Girls Outdoor Track
- Girls Softball
- Boys Tennis
- Boys Volleyball
- Girls Wrestling
TOWNSEND HARRIS IS PROUD TO PROVIDE AN INCLUSIVE EDUCATIONAL PROGRAM FOR ELIGIBLE STUDENTS WITH DISABILITIES. We offer a full ICT (Integrated Co-Teaching) program for the 4 core classes, and embed specially designed instruction and individualized support into our curriculum to meet the needs of diverse learners. Highly motivated students who require accommodations, related services, special classroom supports or assistive technology, and have unique management needs as outlined in their IEP, can apply to the school through flexible admission and receive individualized care from our team of Instructional Support Specialists. These supports are provided in our rigorous general education classes, all of which are Honors or AP level, and students are included in all school activities.

We also offer a 2 week summer bridge program for incoming freshmen and a daily Advisory throughout the year to strengthen student executive functioning skills to ensure a smooth transition into high school, the Townsend Harris curriculum, and the skills needed to meet the demands for post-secondary readiness. We use a variety of resources, program students using flexible and purposeful programming, and maintain consistent home contact. Our teachers engage in inquiry work and professional development regularly and are knowledgeable and equipped to meet the needs of a variety learners.

We pride ourselves on never running out of ideas for how to support your child.

Students who are interested in a challenging program of study including honors and advanced placement courses, but require such supports, will find that Townsend Harris HS offers the best of both worlds. Our team will work closely with parents throughout the child’s time at Townsend Harris to ensure student needs are being met and that they are on track to successfully graduate high school and attend competitive colleges.

OFFERINGS
- ICT English, Math, Science & Social Studies
- SETSS
- Daily Advisory / Executive Functioning Skills Lessons for freshman year
- Related Services such as counseling, speech, physical therapy, occupational therapy, hearing and vision services, etc.
- Assistive Technology
- Paraprofessionals
- Wheelchair Accessible

Please contact Ms. Georgia Brandeis directly with further questions regarding admissions and services.

where did they go?

COLLEGE ADMISSIONS FOR CLASS OF 2018
WE ARE TOWNSEND HARRIS.

courtesy of HUMANS OF TOWNSEND HARRIS
YASH SHARMA ('15), KARI IOCOLANO ('15), HAILEY LAM ('16), ASIA ACEVEDO ('14), FRAN HORIZOWITZ ('14)
GERALD MARISCAL ('15), REBEKAH JONES ('16), KAREN SU ('15), & ANGELINA LIU ('16)

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