

# HARRISON CENTRAL SCHOOL DISTRICT



## Harrison High School

An International Baccalaureate World School



### 2016-2017 PROFILE

#### The Harrison Central School District

is located 25 miles north of New York City in Westchester County. As one of the geographically largest school districts in Westchester County, Harrison encompasses several micro communities comprising a socioeconomically and culturally diverse student population. The district has experienced significant growth in its English as a New Language population and a broadening of ethnic diversity.



Harrison includes nine country clubs, large multimillion dollar estates, and the village hamlets of Harrison and West Harrison comprised of single-family homes on traditional quarter acre lots. The State University of New York's Purchase College, Manhattanville College, a small private liberal arts college, and satellite campuses for the Fordham University and Long Island University are within the borders of the Harrison community. Several world headquarters including PepsiCo, Morgan Stanley, MasterCard, and the World Tennis Federation are also headquartered in the community. Harrison embraces and celebrates its diverse community and student body, and the Board of Education has proudly and consistently pursued a mission of excellence and equity for all students.

**The Harrison Central School District** is ranked among the most competitive districts in New York State and the nation. The following accomplishments and points of pride are attributable to Harrison's mission of equity, access, rigor, and adaptability for all students, which serve as the foundation for all decisions made on behalf of our students.

- Fully inclusive educational program with access to all course offerings for diverse populations
- The class of 2017 has 93% of students enrolled in at least one AP or IB course
- 90% of students are enrolled in an AP or IB Math course of study
- 25% of the senior class is enrolled in AP Calculus BC; 80% of students in AP Calculus BC scored a 3, 4, or 5 and 34 students earned a perfect score on the AP exam
- 14% of the senior class (38 students) is enrolled in Syracuse University's Dual Enrollment Program in Multi-Variable Calculus
- Consistently ranked among America's Most Challenging High Schools by The Washington Post, recognized by Newsweek as one of America's top high schools and awarded a gold ranking by U.S. News and World Report
- Students in IB Design Technology were awarded Best in Nation in the 2016 Verizon Innovative App Challenge
- National and State award-winning debate team
- Three-year science research program leading to the Intel Science competition
- Award winning school newspaper, journalism program, and literary magazine
- Multi-year sequences in dance, visual arts, drama, theatre arts, and musical and technical theatre
- The Musical Theatre program competes annually with the Metropolitan High School Theatre Awards, and has received honors for Outstanding Soloists, Direction, and Best Overall Production
- Nationally recognized concert band, concert choir, dance program, marching band and string orchestra; Music students have qualified and participate annually in both the Area All -State and All State NYSSMA Festivals
- Twenty-nine varsity high school interscholastic sports teams

CEEB/ ACT Code: 332275

# HARRISON HIGH SCHOOL

## GRADUATION REQUIREMENTS

To fulfill diploma requirements each student must complete and demonstrate competency in 22-units of study as prescribed by the New York State Department of Education.

- English— 4 units
- Social Studies— 4 units
- Mathematics— 3 units
- Science— 3 units
- Physical Education— 2 units
- Second Language— 1 unit
- Electives— 3 1/2 units
- The Arts— 1 unit
- Health— 1/2 unit

**TOTAL: 22 units**

## DETERMINATION OF CREDIT

**1 Unit or 1.0 Credit:** Course meets daily for a full school year

**1/2 Unit or 0.50 Credit:** One-semester course meets daily or full-year course that meets every other day

**1/4 unit or 0.25 Credit:** One-semester course that meets every other day

## PROGRAMS OF STUDY

Advanced Placement, College Preparatory, Dual Credit (Syracuse University, Albany University-SUNY and Westchester Community College), International Baccalaureate, Special Education and Vocational (Member Board of Cooperative Education Services—BOCES)

## MARKING SYSTEM

Grading is numerical and 65% is passing.

97-100%	4.0	A+
94-96%	4.0	A
90-93%	3.7	A-
87-89%	3.3	B+
84-86%	3.0	B
80-83%	2.7	B-
77-79%	2.3	C+
74-76%	2.0	C
70-73%	1.7	C-
67-69%	1.3	D+
65-66%	1.0	D
Below 65%	0	F

## TRANSCRIPT DESIGNATIONS

- AP— Advanced Placement
- IB— International Baccalaureate
- SUPA— Syracuse University
- College— Westchester Community College

## CUMULATIVE AVERAGE

The cumulative average is a numerical average of actual grades received in all courses (passed, failed, or repeated).

Physical education, independent study, volunteer service, religious education, and audit courses are not included in the cumulative average.

The cumulative average on the transcript is displayed both as weighted and unweighted. Additional weight is added for Advanced Placement, International Baccalaureate, SUPA, and WCC

## DIPLOMA DESIGNATIONS

### International Baccalaureate Diploma

Awarded to students in addition to the Regents Diploma. The International Baccalaureate Diploma is earned after a challenging two-year International Baccalaureate curriculum as a junior and senior which includes six subjects areas, a 4,000 word extended essay, a course in Theory of Knowledge, and engagement in 100-150 hours of Creativity, Action, and Service (CAS) projects.

### Regents Diploma with Honors

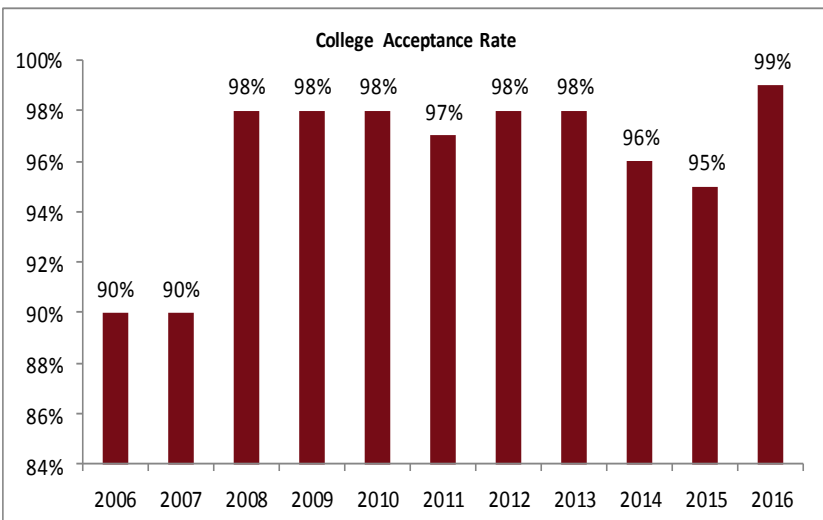
Awarded to students who complete all requirements for the Regents diploma and achieve an average of at least 90% on all Regents exams.

### Regents Diploma with Advanced Distinction

Awarded to students who complete all the requirements of a Regents Diploma plus the additional requirements: (a) Foreign language— at least 3 credits in the same foreign language plus a score of at least 65% on the Checkpoint B exam OR a 5-unit sequence in art, music, or career technical education. (b) A second and third Regents examination in mathematics. (c) A second Regents examination in Science. One exam must be Living Environment and the second can be any part of the Physical Sciences.

### Regents Diploma

Awarded to students who complete at least 22 credits and achieve satisfactory scores on the required Regents examinations.



In 2016, 99.2% of graduates were admitted to institutions of higher learning.

93.2% of students from the class of 2016 were admitted to 4-year institutions.

## HARRISON HIGH SCHOOL

255 Union Avenue  
Harrison, NY 10528  
Main Office: (914) 630-3095  
Guidance: (914) 630-3101  
Fax: (914) 630-3334  
www.harrisoncsd.org

## LEADERSHIP

- Louis N. Wool, Ed.D.  
*Superintendent of Schools*
- Michael Greenfield  
*Assistant Superintendent for Curriculum and Instruction*
- Kimberly Beukema  
*Principal*
- Kelly Malczewski  
*Director of Guidance*
- Laurie Griffo & Lawrence P. Mastrota  
*Assistant Principals*
- Christopher Tyler, Ph.D.  
*IB Coordinator*

## SCHOOL COUNSELORS

Kira DiFalco, Kristy Grammas, Shari Heyen, Renee Katzenberg, Cindy Leong, Emily Mashal

## BOARD OF EDUCATION

Kelly Mulvoy Mangan, *President*  
Joan Tiburzi, *Vice President*  
*Trustees:* Dennis DiLorenzo, Rachel Estroff, Placido Dino Puccio, Robert Sullivan, Lindy Wolverton

EQUITY

ACCESS

RIGOR

ADAPTABILITY

# HARRISON HIGH SCHOOL

## CLASS OF 2017

### RIGOROUS ACADEMIC OFFERINGS

Harrison High School offers a comprehensive, rigorous college and career preparatory curriculum. Harrison has made a commitment to providing equity and access to a demanding and advanced course of study in Advanced Placement (AP), the International Baccalaureate (IB) Program and dual credit course offerings.

### ADVANCED PLACEMENT COURSES (5)

Calculus BC, Chemistry, English Language and Composition, Statistics, World History

### INTERNATIONAL BACCALAUREATE COURSES (29)

**Language:** English HL

**Individuals and Society:** History HL/SL, Economics SL, Psychology HL/SL, Business Management SL

**Mathematics:** Math SL, Math Studies SL,

**The Arts:** Dance HL/SL, Visual Arts HL/SL, Music HL/SL, Theatre HL/SL

**Experimental Science:** Biology HL/SL, Physics HL/SL, Design Technology HL/SL

**Second Language:** French SL, Italian SL, Spanish HL/SL, Spanish Ab Initio

**Theory of Knowledge:** Theory of Knowledge

### DUAL CREDIT COURSES (6)

**Syracuse University (SUPA):** Computer Software Engineering, Multi-Variable Calculus, Web Design and Management

**Westchester Community College (WCC):**

College Entrepreneurship, College Financial Accounting, College Marketing

**Albany University-SUNY:** Science Research

Students enrolled in AP and IB courses are required to sit for the respective exams.

## INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM

The mission of the IB Diploma Program is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. This aim is accomplished through creating learning opportunities that incorporate the IB Learner Profile.

To that end, students are challenged by a rigorous international curriculum that utilizes higher-level critical thinking skills. In addition to taking IB courses in English, a foreign language, social sciences, science, mathematics, and the arts, students participate in an interdisciplinary course that explores the nature of knowledge across disciplines: The Theory of Knowledge. Students also write a self-directed extended essay and complete a creativity, activity, service project.

Many students, whether they take just one or two IB courses or become a full IB Diploma Candidate, may receive college credit for their performance on IB assessments as well as increased consideration in the college admissions process.

### IB DIPLOMA CANDIDATES & RECIPIENTS

Harrison Class of	Total Candidates	Percent of Class	Total Recipients
2013	58	21%	45
2014	59	24%	54
2015	67	27%	57
2016	85	34%	71
2017	95	34%	

### IB PROGRAM HIGHLIGHTS

- Harrison student enrollment in the IB Diploma Program continues to grow and has nearly doubled since its inception in 2013. The total number of IB exams taken has increased from 64 exams in 2012 to 1035 exams in 2016.
- Harrison has a larger percentage of IB Diploma recipients compared to similar schools. This is particularly notable given that our school has an *open door policy* permitting equity and access to the IB Diploma Program.
- In 2016, 26% of graduates earned an IB Diploma.
- Harrison High School IB Diploma recipients exceed the international average. In 2016, 84% earned the IB Diploma compared to the international average of 79%.
- The class of 2016 has 91% of students enrolled in at least one IB course.
- 75% of students who take an IB examination in Harrison earn a score of 4 or better.

# HARRISON HIGH SCHOOL

## UNIQUE LEARNING OPPORTUNITIES

### **Algebra 1 Common Core**

All students are accelerated in 8th grade and take Algebra 1. Algebra 1 is a course designed by New York State for 9th grade students.

### **Topics in Pre-Calculus**

Students who wish to accelerate in mathematics enroll in this two year course. In 9th grade, students take a Pre-Calculus course in addition to a course in Geometry. In 10th grade, students continue with Pre-Calculus in addition to Algebra II.

### **Multi-Variable Calculus (SUPA)**

This course is the equivalent of Calculus III at the college level. Harrison is one of only three schools in the United States recognized by Syracuse University to teach Calculus III.

### **Computer Science**

A 4-year pathway is available to students beginning with an Introduction to Computer Science and includes SUPA courses in Web Design and Management and Computer Software Engineering. All students in Computer Software Engineering also sit for the Advanced Placement Exam in Computer Science.

### **Harrison Science Research**

The Harrison Science Research Program, in collaboration with SUNY Albany, invites students to participate in authentic, multi-year, scientific research and scholarship. Students work with research scientists and professionals in their chosen area of interest. Students present their findings, enter competitions, and attempt to publish their research.

### **IB Physics HL & SL**

A rigorous physics program is offered to all juniors and seniors. These 2-year courses provide an in-depth study of classical and modern physics with extensive hands-on laboratory experiences. 34% of seniors have chosen to enroll in advanced Physics study.

### **AP World History**

Tenth grade students have the opportunity to challenge themselves in the second year of a 2 year sequence in Global History and Geography. The course culminates with an AP exam and Regents exam. On average, 50% of 10th graders choose this ambitious pathway.

### **Journalism Program— The Husky Herald**

Students produce and publish *The Husky Herald* school newspaper as part of this award-winning Journalism program. Designed as a three year sequence, students learn the fundamentals of news writing and layout, editing, and interview strategies while acquiring first hand experience about publishing.

### **IB English Literature HL & AP English Language**

Harrison offers a comprehensive approach to high level English programs. The program is designed to teach students to read, analyze, and write critically at the college level. Further, the IB course offers a broadened international perspective on literature. This global approach prepares learners to appreciate diversity while encouraging a deeper understanding of one's own culture.

### **Languages Other Than English**

Harrison offers a World Language Program that culminates in five levels of language offered in secondary French, Italian, and Spanish. Three levels are also offered in Latin. Students take a full year of language beginning in 6th grade. All students who sustain language study are enrolled in an IB course of study in years 4 and 5.

### **Visual Arts**

A comprehensive four-year sequence inclusive of Studio Art, Drawing and Painting, Photography, and Ceramics comprises Harrison's visual arts offerings. Juniors and seniors may elect to take IB Visual Arts SL/HL, a program that promotes the development of artistic skill, critical reflection, historical knowledge, and cultural awareness.

### **Music**

Students perform locally and nationally through rigorous study with Concert Band, Concert Choir, String Orchestra, and Percussion Ensemble. Courses in music theory and technology are offered as prerequisites to the IB Music SL/HL sequence, allowing students to become more globally aware of the history and analysis of music.

### **Dance**

The study of dance is offered through courses such as Dance Studio I & II, and IB Dance SL/HL. Emphasis is placed on providing students with the historical context and exposure to multiple genres of dance and choreographers, as well as opportunities to perform both locally and nationally.

### **Theatre Arts**

Harrison provides students with the opportunity to engage in theatrical performance and composition through Theater Arts I & II, and the IB Theater Arts SL/HL sequence. This rigorous program of study allows students to gain an understanding of theater history, text analysis, playwriting, and performance.

## CO-CURRICULAR CLUBS

Art Club  
Astronomy Club  
Cable Television Club  
Color Guard  
Computer Science Club  
Dance Connections  
Dance Team  
Debate Team  
DECA (Business Club)  
Footlight Players (Musical Theater)  
Foreign Language Clubs and Honor Societies (French, Italian, Latin, Spanish)\*  
Friends of Rachel\*  
Gay-Straight Alliance\*  
HHS Marching Band  
HHS Newspaper, *The Husky Herald*  
The Harrison Playhouse (Theatre)  
Husky Harmonics (Vocal Music)  
*Imagine*: Literary Magazine\*  
Jazz Workshop  
Light and Sounds Technical Club/Crew  
Literature Club  
Majorettes  
Mathematics Team  
Model Congress\*  
National Honor Society  
Peer Leaders\*  
REEF: Rescuing Earth's Environmental Future\*  
ROTOY: Reaching Out to Our Youth\*  
SADD: Students Against Destructive Decisions\*  
Student Action Club\*  
Students for World Health\*  
Student Government, General Organization\*  
Varsity Club  
Yearbook Club, *Reminiscence*

\*These activities emphasize tolerance, diversity and respect for all humankind.

## INTERSCHOLASTIC ATHLETICS

Baseball	Football	Spring Track
Basketball	Golf	Swimming
Bowling	Ice Hockey	Tennis
Cheerleading	Lacrosse	Volleyball
Cross Country	Soccer	Winter Track
Field Hockey	Softball	Wrestling

EQUITY

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# HARRISON HIGH SCHOOL

## SCHOOL INFORMATION

### CLASS of 2017

**Enrollment:** 1088

**12th Grade Enrollment:** 279

**Number of Faculty:** 102

**Student to Counselor Ratio:** 180:1

**School Year:** Four 10-week quarters

**School Day:** Nine 41-minute periods

**First Day of School:** September 6, 2016

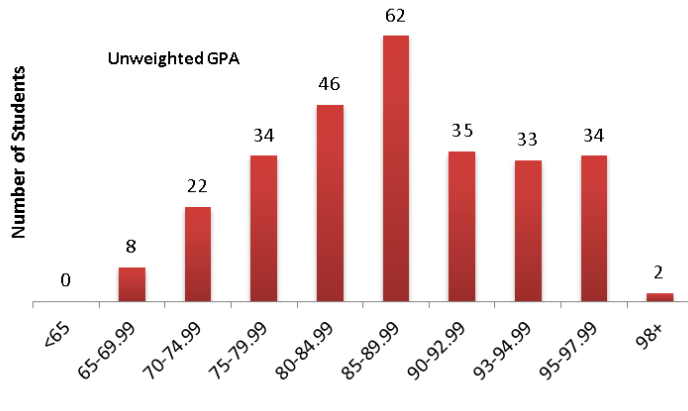
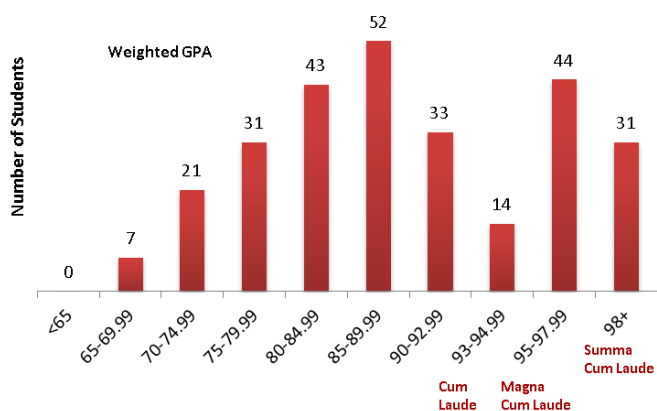
**Graduation Day:** June 23, 2017

## GRADUATION HONORS

Harrison High School eliminated ranking students in 2008. A tiered system of graduation honors is bestowed upon students as determined by cumulative weighted grade-point-average at the end of junior year.

Academic Distinction	Cumulative Weighted Average	Class of 2017
<i>Summa Cum Laude</i>	98.00 or higher	31 students
<i>Magna Cum Laude</i>	95.00—97.99	44 students
<i>Cum Laude</i>	93.00—94.99	14 students

## CLASS OF 2017 CUMULATIVE WEIGHTED & UNWEIGHTED GRADE DISTRIBUTION



## CLASS OF 2017 COLLEGE-BOUND SAT & ACT SCORES

SAT Summary (2,400)*	National Mean	Harrison Student Mean
Critical Reading	495	606.5
Math	511	635.5
Writing	484	608
<b>Total</b>	<b>1490</b>	<b>1850</b>

\*Pre-March-2016 SAT

ACT Summary	College Ready*	Harrison Student Mean
English	18	25
Math	22	26
Reading	22	25.5
Science	23	26

\*Based on ACT benchmarks

SAT Summary* (1,600)	Harrison Student Mean
Evidence-Based Reading and Writing	578
Math	581.5
<b>Total</b>	<b>1160</b>

\* New SAT



# HARRISON HIGH SCHOOL



## COLLEGES AND UNIVERSITIES ACCEPTING GRADUATES OF THE CLASS OF 2016

Adelphi University	Fairfield University	Mercy College	St. John Fisher College
The University of Alabama	Fairleigh Dickinson University	Merrimack College	St. John's University
Albany College of Pharmacy	Farmingdale State College	Metropolitan State University of Denver	St. Thomas Aquinas College
Albright College	Fashion Institute of Design and Merchandising	Miami University, Oxford	Stanford University
Alfred University	Fashion Institute of Technology	University of Miami	<u>State University of New York</u>
American University	Five Towns College	Michigan State University	University at Albany
Amherst College	Florida Atlantic University	University of Michigan	University at Binghamton
Arcadia University	Florida Gulf Coast University	Middlebury College	University at Buffalo
Arizona State University	Florida International University	University of Minnesota	University at New Paltz
The University of Arizona	Florida State University	University of Mississippi	University at Plattsburgh
Auburn University	University of Florida	Mitchell College	University at Stony Brook
Auburn University Montgomery	Fordham University	Molloy College	Alfred State College
Babson College	Franklin Pierce University	Monmouth University	Collage at Brockport
Baruch College of the CUNY	The George Washington University	Mount Saint Mary College	Buffalo State College
Bentley University	Georgetown University	Muhlenberg College	College at Cortland
Boston College	Georgia Southern University	University of Nevada	College at Delhi
Boston University	The University of Georgia	New England College	College of Environmental Science and Forestry
Brandeis University	Gordon College	University of New Hampshire	College at Fredonia
University of Bridgeport	Goucher College	University of New Haven	College at Geneseo
Brigham Young University	Hamilton College	New York Institute of Technology	College at Morrisville State College
Brooklyn College of the CUNY	University of Hartford	New York University	College at Old Westbury
Bryant University	Hartwick College	Nichols College	College at Oneonta
Bucknell University	Harvard University	University of North Carolina	College at Oswego
Caldwell University	High Point University	North Carolina State University	College at Potsdam
California Polytechnic State University	Hobart and William Smith Colleges	Northeastern University	College at Purchase College
California State University	Hofstra University	Northwestern University	College of Technology at Canton
University of California	College of the Holy Cross	University of Notre Dame	SUNY Polytechnic Institute
Carnegie Mellon University	Hunter College of the CUNY	Nova Southeastern University	Stevens Institute of Technology
Case Western Reserve University	Indiana University	The University of Oklahoma	Suffolk University
Castleton University	Iona College	Pace University	Sullivan County Community College
University of Central Florida	Ithaca College	Pennsylvania State University	Temple University
University of Cincinnati	James Madison University	University of Pennsylvania	Texas A&M University
City College of New York CUNY	John Jay College of Criminal Justice-CUNY	University of Pittsburgh	The University of Texas
Clark University	Johns Hopkins University	Plymouth State University	The New School
Clemson University	Johnson & Wales University	Pratt Institute	The Ohio State University
Coastal Carolina University	Johnson State College	Providence College	Tompkins Cortland Community College
Colby College	Keene State College	Purdue University	Towson University
Colgate University	University of Kentucky	Queens College of the CUNY	Trinity College
University of Colorado	Lafayette College	Quinnipiac University	Rensselaer Polytechnic Institute
Colorado State University	Lamar University	Rhode Island College	Tulane University
Columbia University	Lasell College	University of Rhode Island	Universal Technical Institute
Columbus State University	Le Moyne College	University of Richmond	Utica College
Concordia College	Lehigh University	Rochester Institute of Technology	Vanderbilt University
Connecticut College	Lehman College of the CUNY	University of Rochester	Vassar College
University of Connecticut	Lesley University	Rockland Community College	University of Vermont
The Cooper Union for the Advancement of Science & Art	Liberty University	Roger Williams University	Villanova University
Cornell University	LIM College	Russell Sage College	Virginia Tech
CUNY-Macaulay Honors College	Long Island University	Rutgers University	University of Virginia
Curry College	Louisiana State University	Sacred Heart University	Wake Forest University
Daemen College	Loyola Marymount University	Saint Michael's College	Washington University in St. Louis
Dean College	Loyola University	San Diego State University	University of Washington
University of Delaware	Lynn University	University of San Diego	West Virginia University
Dominican University of California	University of Maine	University of San Francisco	Westchester Community College
Drexel University	Manhattan College	Santa Monica College	Western Connecticut State University
Dutchess Community College	Manhattanville College	Savannah College of Art and Design	Western New England University
Eastern Connecticut State University	Marist College	School of Visual Arts	Whittier College
Eastern Nazarene College	University of Maryland	University of the Sciences in Philadelphia	William Paterson University of New Jersey
Elmira College	Marymount Manhattan College	The University of Scranton	University of Wisconsin
Elms College	Marywood University	Seton Hall University	Worcester Polytechnic Institute
Elon University	Massachusetts College of Liberal Arts	Siena College	Yale University
Emmanuel College	Massachusetts Institute of Technology	University of South Carolina	York College of Pennsylvania
Emory University	University of Massachusetts	University of Southern California	
Endicott College	The University of Memphis	Southern New Hampshire University	
		Springfield College	