

# Biotechnology High School

## Rising Senior Night Packet

*Complete presentation and resources  
available on our website.*



Source: National Center for Education Statistics

 CollegeFinder  
[www.collegefinder.org](http://www.collegefinder.org)

## ***Excerpt From "Who Needs Harvard"***

*Gregg Easterbrook, The Atlantic -- [Link](#)*

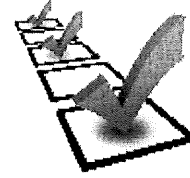
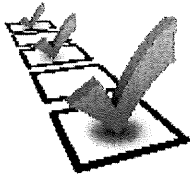


# **KEEP CALM AND APPLY TO COLLEGE**

*"It's understandable that so many high schoolers and their nervous parents are preoccupied with the idea of getting into an elite college. The teen years are a series of tests: of scholastic success, of fitting in, of prowess at throwing and catching balls, of skill at pleasing adults. These tests seem to culminate in a be-all-and-end-all judgment about the first eighteen years of a person's life, and that judgment is made by college admissions officers. The day college acceptance letters arrive is to teens the moment of truth: they learn what the adult world really thinks of them, and receive an omen of whether or not their lives will be successful. Of course, grown-up land is full of Yale graduates who are unhappy failures and Georgia Tech grads who run big organizations or have a great sense of well-being. But teens can't be expected to understand this. All they can be sure of is that colleges will accept or reject them, and it's like being accepted or rejected for a date—only much more intense, and their parents know all the details.*

*Surely it is impossible to do away with the trials of the college-application process altogether. But college admissions would be less nerve-racking, and hang less ominously over the high school years, if it were better understood that a large number of colleges and universities can now provide students with an excellent education, sending them onward to healthy incomes and appealing careers. **Harvard is marvelous, but you don't have to go there to get your foot in the door of life.**"*

# College Planning Checklist for Juniors



*"If I held the magic wand for education, my wish would be that students might approach the college search, as well as their day-to-day learning, with a greater appreciation for the long view: It is not about the race to the end, but instead what you learn from each step in the journey. "*

~ Martha O'Connell, Executive Director of Colleges That Change Lives



## Complete college planning surveys and matching inventories

- ✓ [Naviance SuperMatch](#)
- ✓ [Qualities That Will Make A College Right For You](#)
- ✓ [Self-Survey For The College Bound](#)
- ✓ Recommended to complete additional online inventories, such as: [College Board's Big Future College Search](#) (additional inventories linked in LiveBinder)



## Build Your College List

- ✓ By the end of junior year, you want to have a list of about 15 to 20 prospective colleges that you will research in more depth and decide whether or not you will apply to the school in the fall.
- ✓ By the beginning of senior year, you should have finalized your list of fit schools to apply to, with 2 to 3 schools in each category:
  - Reach** - college standards exceed your scores
  - Target** - college standards comparable to your scores
  - Safety/Likely** - your scores exceed the college standards
- ✓ Use the "colleges I'm thinking about" page in Naviance to compile your list of prospective schools:
  - Go to College tab at the top of your home page → click on "Colleges I'm Thinking About" → then click "Add to this list"
  - You may add up to 10 colleges at once by clicking "look up" next to each line. Once you have entered up to 10 colleges of interest, click "Add Colleges" at the bottom of the screen. Your colleges will now appear on your "I'm Thinking About" list.
  - Use the drop down menu to select your level of interest in each college. Then click "Update Interest" at the bottom.



## Testing Plan

- ✓ “Working” Goal: complete all college admission testing by June of junior year
- ✓ Can take SAT/ACT in the fall of senior year if necessary (would need to take October test if applying Early Decision)
- ✓ Research the testing requirements of the schools you are considering:
  - Did You Know that more than 800 four-year colleges and universities do not require the SAT or ACT for undergraduate college admissions. [See the list](#)
  - Some colleges either recommend or require Subject Tests as part of their application. Example - All of the Ivy League colleges require 2 or more subject tests. Many STEM-based majors / programs also require them



## College Knowledge

- ✓ Extensively research the schools that you're interested in
- ✓ Consider Early Action & Early Decision options
- ✓ Learn about the college admissions and application process in LEAP & beyond w/the [College Knowledge LiveBinder](#).

### Suggested Sources for Information About Colleges:

Campus Visits	College Fairs	Information Sessions	Interviews
Contact local admission reps	Regional bus tours of campuses (over summer)	Admission rep visits at BTHS (in fall)	Virtual campus tours
Official College Websites	Online Directories	Brochures / mailings	Student review websites
Naviance	Talk to friends and family	Social Media	Lists & rankings
Organizations (ie: <a href="#">Colleges That Change Lives</a> )	Books (ie: <a href="#">Fiske Guide</a> )	BTHS Alumni Binder (in guidance office)	LiveBinder Search Tools tab



## Letters of Recommendation

- ✓ Request two teachers to write letters of recommendation on your behalf (additional details to be provided in late April)
- ✓ Research the letter of recommendation requirements of the schools you are considering - 1 humanities & 1 science/math teacher is most common
- ✓ Complete brag sheets for teacher and counselor recommendations in Naviance
- ✓ Homework for parents: complete the parent brag sheet in Naviance (counselor will use these as a reference when writing recommendations)



## Demonstrated Interest

- ✓ Demonstrated Interest - the quality & quantity of contact that a student has with a prospective college. Indicates the likelihood of an applicant enrolling if accepted.

## Suggested Ways To Demonstrate Interest

Visit campus	Apply early	Interviews - Admissions or Alumni
Speak with reps at college fairs & BTHS visits	Send a thank you note to the rep after speaking with them	Wow them with the "Why (this college) Essay"
Email the local admissions counselor	Sign up for a college's email/mail list	Interact with college's social media profiles



### College Essays

- ✓ Through the application process, expect to write at least 15 to 20 essays (ranging from 250 to 1,000 words each)
- ✓ Draft 1 of your Common App Personal Statement will be due by the end of junior year and your counselor will provide you with feedback.
- ✓ The best time to work on your college essays (Common App Personal Statement, supplements and additional essays for non-Common App schools) is the summer between junior and senior year.



### Create an updated version of your resume

- ✓ LEAP Assignment: Naviance Resume (teachers and counselor will refer to this when writing your letters of recommendation)
- ✓ Consider developing an Activities Resume (if needed, see resume section of LiveBinder for info/directions)



### Practice your interviewing skills

- ✓ LEAP Activity: Mock College Interviews
- ✓ Begin scheduling college interviews for over the summer



### Summer Plans

- ✓ Participating in meaningful activities this summer is crucial for your own personal growth and can significantly increase your chances of getting accepted to selective colleges.
- ✓ The opportunities page of the Guidance Website is a good starting point for exploring your options.
- ✓ Aim to have your plans for the summer finalized by the end of May

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## Important Dates

- |  |   |
|--|---|
| <input type="checkbox"/> April 20 - Ranney School College Fair   | <input type="checkbox"/> May 8 - Registration deadline for June SAT & ACT |
| <input type="checkbox"/> April 23 - Monmouth County College Fair | <input type="checkbox"/> June 6 - SAT                                     |
| <input type="checkbox"/> April 28 - Rising Senior Night at BTHS  | <input type="checkbox"/> June 13 - ACT                                    |
| <input type="checkbox"/> May 2 - SAT                             | <input type="checkbox"/> August 1 - 2015-16 Common App available          |

# LEAPing To The Finish Line

## Marking Period 4 College Planning Assignments

*\* Each of these assignments are listed in your Naviance "tasks assigned to me list" \**



Assignment	Due Date
College SuperMatch (20 points)	Friday, 5/15/15
Letter of Recommendation Requests (20 points)	Friday, 5/15/15
College Planning Survey (40 points)	Friday, 5/15/15
<b> </b>	
Parent Brag Survey (20 points)	Friday, 5/29/15
Brag Survey for Counselor (20 points)	Friday, 5/29/15
Brag Survey for Teacher #1 (20 points)	Friday, 5/29/15
Brag Survey for Teacher #2 (20 points)	Friday, 5/29/15
Naviance Resume (20 points)	Friday, 5/29/15
<b> </b>	
Prospective College List (20 points)	Friday, 6/12/15
Common App Essay Rough Draft (50 points)	Friday, 6/12/15

# DEFINITIONS OF ADMISSION OPTIONS IN HIGHER EDUCATION



National Association for  
College Admission Counseling  
[www.nacac.org](http://www.nacac.org)

## STUDENTS: WHICH COLLEGE ADMISSION PROCESS BEST SUITS YOU?

### Non-Restrictive Application Plans

#### Regular Decision

**DEFINITION:**

Students submit an application by a specified date and receive a decision in a clearly stated period of time.

**COMMITMENT:**

NON-BINDING

#### Rolling Admission

**DEFINITION:**

Institutions review applications as they are submitted and render admission decisions throughout the admission cycle.

**COMMITMENT:**

NON-BINDING

#### Early Action (EA)

**DEFINITION:**

Students apply early and receive a decision well in advance of the institution's regular response date.

**COMMITMENT:**

NON-BINDING

### Restrictive Application Plans

#### Early Decision (ED)

**DEFINITION:**

Students make a commitment to a first-choice institution where, if admitted, they definitely will enroll. The application deadline and decision deadline occur early.

**COMMITMENT:**

BINDING

#### Restrictive Early Action (REA)

**DEFINITION:**

Students apply to an institution of preference and receive a decision early. They may be restricted from applying ED or EA or REA to other institutions. If offered enrollment, they have until May 1 to confirm.

**COMMITMENT:**

NON-BINDING

Students are not restricted from applying to other institutions and have until May 1 to consider their options and confirm enrollment.

Students are responsible for determining and following restrictions.

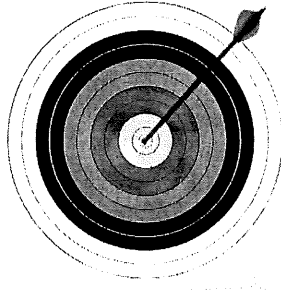
# Admission Factors

Source: NACAC Admissions Trends Survey, 2013

Factor	Considerable importance	Moderate Importance	Limited Importance	No importance
Grades in college prep courses	84.3%	11.9%	2.3%	1.5%
Strength of curriculum	67.7	20.4	5.8	6.2
Admission test scores (SAT, ACT)	59.2	29.6	6.9	4.2
Grades in all courses	51.9	39.2	6.9	1.9
Essay or writing sample	24.9	37.5	17.2	20.3
Student's demonstrated interest	20.5	29.7	24.7	25.1
Counselor recommendation	19.2	39.8	27.2	13.8
Class Rank	18.8	31.0	31.4	18.8
Teacher recommendation	16.5	41.9	26.5	15.0
Subject test scores (AP, IB)	6.9	31.2	31.5	30.4
Portfolio	6.6	12.8	30.2	50.4
Interview	6.2	25.4	25.8	42.7
SAT II scores	5.4	9.7	22.6	62.3
Extracurricular activities	5.0	43.1	38.1	13.8
State graduation exam	4.2	14.9	23.8	57.1
Work	2.3	17.0	43.2	37.5



# Reach Target Safety Criteria



## Reach:

- The school's acceptance rate is 35% or less
- Comparison to students admitted to the college's class of 2019:
  - Your SAT/ACT scores are below the middle 50% range
  - Your GPA is less than median

## Target:

- The school's acceptance rate is above 35%, usually closer to 50%
- Comparison to students admitted to the college's class of 2019:
  - Your SAT/ACT scores are at or above the middle 50% range
  - Your GPA is at or above the median

## Safety:

- The school's acceptance rate is above 50%, usually closer to 75%
- Comparison to students admitted to the college's class of 2019:
  - Your SAT/ACT scores are well above the middle 50% range, close to the top 25th percentile
  - Your GPA is well above than median, close to the top 25th percentile

## 10 Ways to Manage Your Social Media Footprint

In working with hundreds of thousands of college and graduate school applicants each year, Kaplan Test Prep seeks to help students put their best foot forward during every part of the admissions process...even in areas that they didn't know play a role in the admissions process. Informed by insights from our annual surveys of college, business school, graduate school, law school and medical school admissions officers, which found that what you post online can hurt (and sometimes help) your admissions chances, we provide the following tips on what you can do to manage your online profile.

1. **Check your digital trail and keep it clean.** In Kaplan's 2012 survey of college admissions officers\*, 26% said they have visited applicants' social networking pages, while 27% Googled them to learn more – and 35% said what they found negatively impacted their admissions chances. Search yourself on Google, Yahoo and other search engines, and clean up anything that doesn't put you in a positive light.
2. **Limit your profile searchability.** Facebook's default settings allow anyone to find your profile online. You can disable this so that search engines won't link to your profile. Go to Account - Privacy Settings - Apps and Websites - Public Search (Edit Settings) and uncheck "Enable Public Search".
3. **Keep your profile photo appropriate.** Be aware that even if you set your privacy settings so you're searchable but only friends can see your posts and pictures, your name and profile photo are still visible. If so, make sure your photo is what you want to present if someone pulls up your profile.
4. **Control who can contact you on Facebook.** By default, anyone on Facebook can send you a message. You can change this setting to "friends of friends," so only people who have a mutual friend can contact you. Click Account - Privacy Settings - How You Connect.
5. **Remove your past posts from public view.** A recently added privacy setting, "Limit The Audience For Past Posts" will change content that may previously have been publicly posted to be only viewable by Friends in your network.
6. **Take control of tagging on your profile.** Facebook's default settings allow friends to tag you in their photos, profile posts, and even check you into places – which can be public without your knowledge. Change these settings so only friends can see these posts. Go to "How Tags Work" under Privacy settings and opt out.
7. **Filter your Friends network.** In Kaplan's survey, some college admissions officers said they only visited an applicant's Facebook profile when tipped off anonymously.
8. **Make your Twitter account permission-only.** If you have a Twitter account, by default, anybody can view your tweets and follow you. To protect your privacy and tweets, go to Settings - Accounts – and then check "Protect my tweets."
9. **Or, change your Twitter name.** If you want to make your Twitter account public but not associated with your name, change your name by clicking on "Settings" on the drop down menu at the top right corner of your profile page (click on the upside-down triangle). Go to the "Accounts" tab and the first listing is "Name". You can create a different name for yourself.
10. **Be smart and think about everything you post online before you do it.** The Internet has a LONG memory. After all your hard work, the last thing you want to keep you out of your top school or program choices is an inappropriate Facebook photo or offensive tweet.

## COLLEGE ADMISSION AT LOYOLA

BLOGGERS FROM LOYOLA UNDERGRADUATE ADMISSION

[Home](#) [Apply](#) [Visit](#) [Events](#) [Financial Aid](#)

# The Role of Parents in the College Application Process

*Posted on:* October 18th, 2013 by Lori Greene 1 Comment

It's mid-fall, and high school seniors all over the country are in the midst of trying to decide which colleges or universities they want to apply to and/or completing applications for early deadlines.

It is a busy time of year.

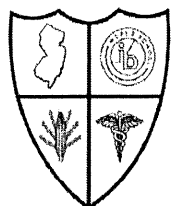
As a parent, what can you do to support your son or daughter in this process?

- **Continue to be supportive and understanding of their opinions and thoughts.** They may change their minds when learning new information about each college choice. Some of you have been through this already with an older child, so you realize how stressful the college selection process is on a child. If this is your first time through the process, know that there may be some stressful days ahead. Encourage your son/daughter to talk about it and share what they are thinking and why.
- **Let your student drive the process.** The student needs to determine which colleges he or she is interested in applying to and ultimately what he or she thinks is really the "best fit." You may have a particular school you'd like your son or daughter to consider, but make sure you let your child make the final decision.
- **Emphasize allocating time to the college search process and staying organized.** This is often the first major process that students manage independently. It is important. They need to dedicate time with approaching deadlines. They need to check back with recommenders and the Registrar's Office to ensure letters and transcripts are sent on a timely basis. They need to learn to balance school, sports, clubs, and the college selection process. This is a great experience—developing some time management skills will serve them well as a first-year college student.
- **Don't write anything for your student.** Admission officers can typically tell when the essay is written by a parent. And it is particularly embarrassing when a student is asked about the topic in an interview and doesn't know anything about it. Yes, I think you should provide guidance and input and you can be very valuable as a proofreader in this day and age where "text speak" is far too common. You can also encourage your student to highlight an experience that he or she forgot about or didn't think was as noteworthy. Just make sure that it is in your student's own words.
- **Let the student communicate with the school.** It's a concern when e-mails and phone calls come from the parent, but the college or university has never heard from the prospective applicant. Is the student interested? Some schools use "demonstrated interest" in their admission process. The student needs to be his or her own best advocate.
- **Talk about financing.** This is the number one issue that many students would love to hear more about from their parents, but they often don't know where they stand and they don't know how to ask. Are there restrictions/limitations based on the family circumstances? Will the student share in the responsibility? Make sure you address these questions sooner rather than later with your son/daughter.
- **Set up a regular time to meet and discuss the process.** Instead of approaching your son or daughter first thing Saturday morning when he/she has made other plans, set up a regular time when everyone knows it is the topic of discussion. Has the list of schools being considered changed? Where do you need to set up visits to? What did you really think about the last campus visit? What does it mean as a family if the student is really looking to go to school further away? Make it a time for updates, questions, exploration, and to be your son/daughter's "cheerleader."

In the end, know that it will all work out. Each senior will realize that it is OK if he or she doesn't know what major to declare right now. Each senior WILL make it through the holiday season waiting to hear from schools on top of their lists. And ultimately, come May 1, each senior will have the opportunity to enroll at some great colleges.

# Biotechnology High School Class of 2015 Profile

**#1 High School in New Jersey** (2014 US News & World Report)



## Biotechnology High School

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Freehold, NJ 07728

**Phone**  
732-431-7208

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732-431-1395

**Website**  
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310904

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kgibboney@ctemc.org



## Mission & Vision

**Mission Statement:** Biotechnology High School, an International Baccalaureate (IB) World School, integrates life science, technology, and engineering into a rigorous curriculum that inspires students toward open-minded participation in the global community and prepares them for higher education and leadership in an increasingly demanding workplace through scholarly research, original investigations, and interactive partnerships.

**Vision Statement:** Biotechnology High School strives to prepare students to be innovative and influential leaders in the international scientific community.

## School & Community

Biotechnology High School (BTHS), an International Baccalaureate (IB) World School, is one of five Career Academies in Monmouth County Vocational School District (MCVSD). Students admitted to the MCVSD Career Academies, including BTHS, are selected through a highly competitive application and admissions process. The student population represents a cross section of students from more than fifty sending school districts throughout Monmouth County. With a college preparatory curriculum emphasizing research, laboratory skills, critical thinking, problem solving, technology, leadership and teamwork, BTHS provides students with an elite educational experience. BTHS is the only high school in New Jersey in which 100% of students are IB Diploma Candidates. Colleges and universities worldwide recognize IB as a rigorous high school program that provides exceptional preparation for college success.



Biotechnology High School is a close-knit and supportive learning community of approximately 320 students and 27 world-class faculty members. The facilities and equipment at BTHS are state of the art, including two full biotechnology labs, a tissue culture lab and 3D printers. BTHS is proud to be part of the pipeline for the rapidly growing biotechnology sector.

## Curriculum

BTHS classes are taught in a block-scheduling format and are either full year or semester long. Teachers deliver creative lessons in which student-learning objectives are linked tightly with hands-on activities. Classroom learning is extended through the use of technology, guest speakers, and field trips. All core and themed courses, not otherwise designated as AP or IB are taught at an honors level. Beginning in grade 11, all students are IB Diploma Candidates. As IB Diploma Candidates, students are required to take seven IB courses, write a 4,000 word senior thesis, and complete 150 Creativity, Action, and Service (CAS) hours. To earn the IB diploma, students need to achieve superior scores on externally assessed exams, projects and essays.

Graduates of BTHS complete 160 credit hours of instruction, including a minimum of 45 credit hours in laboratory sciences and mandatory coursework in leadership and ethics. In addition, each senior completes a science-based senior internship. Partner sites this year included Microsoft, NJIT, Rutgers, Jersey Shore Medical Center, Innovo Rx and Zodiac.

## Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
Digital Literacy English I Fitness / Health I Geometry or Algebra II/Trig Intro to Biology/Genetics Intro to Chemistry Intro to Experimental Design Spanish I or II World Cultures	Algebra II/Trig or IB Math SL I Bioethics Biotech Lab Skills English II Fitness / Health II Intro to Physics Molecular and Agricultural Biotechnology Spanish II or III US History I	IB Biology HL I IB English HL I IB History SL IB Math SL I or IB Math SL II IB Physics HL I or IB Chemistry HL I Leadership, Exercise & Personal Growth (LEAP) I Spanish III or IB Spanish SL + Electives	Financial Literacy IB Biology HL II IB English HL II IB Math SL II or Advanced Placement (AP) Calculus BC IB Physics HL II or IB Chemistry HL II IB Spanish SL (if needed) Leadership, Exercise & Personal Growth (LEAP) II Theory of Knowledge + Electives

## Grading System & GPA

Due to the selectivity of the admissions process, students are not ranked. The grade point average, computed at the end of each year, is unweighted and includes all courses. GPAs are based on a 100-point scale system.

# "Excellence is in our DNA"

- National Blue Ribbon School of Distinction (2014)
- Ranked as #1 in *U.S. News & World Report's* "Best High Schools in New Jersey"
- Ranked as #11 in *U.S. News & World Report's* "Best High Schools in America"
- 100% of faculty members are highly qualified; 11% hold a doctoral degree
- Honored by the HealthCare Institute of New Jersey (HINJ) in recognition of leadership and achievement in STEM education
- Accredited by the Middle States Commission on Secondary Schools



<b>Class of 2014 Highlights</b> (72 students)	<b>2013-2014 Achievements</b>
<ul style="list-style-type: none"> <li>➤ 94% earned an IB Diploma</li> <li>➤ 90% pursuing a STEM-related major</li> <li>➤ 390 college acceptances</li> <li>➤ 16 Ivy League acceptances</li> <li>➤ 11 attending Ivy League Universities</li> <li>➤ US Presidential Scholars Program Semi-Finalist (1)</li> <li>➤ 46% National Merit Commended Scholars</li> </ul>	<ul style="list-style-type: none"> <li>➤ Governor's STEM Scholars (7)</li> <li>➤ Verizon Innovative App Challenge: Best in Region (\$10,000)</li> <li>➤ Jersey Shore Science Fair – 35 winners (7 first place)</li> <li>➤ Delaware Valley Science Fair – 14 winners (1 first place)</li> <li>➤ National TSA Conference (3 winning teams)</li> <li>➤ JSA Mid-Atlantic Conference Best Speaker Awards (8)</li> <li>➤ National FFA Convention (8 first place)</li> </ul>

## Summary of Test Results class of 2014

### SAT & ACT Combined Comparison

Test	BTHS	Nation	State
SAT	2105	1497	1526
ACT	30.4	21	23.1

### SAT Reasoning Score Summary

Section	Mean	Middle 50%
Critical Reading	700	670 - 760
Math	705	670 - 770
Writing	700	670 - 770
<b>Total</b>	<b>2105</b>	<b>2060 - 2260</b>

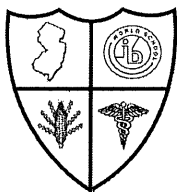
### IB Assessment Scores

Subject	BTHS Mean Score	Worldwide Mean Score
Biology	5.92	4.31
Chemistry	4.16	4.52
English	5.38	5.10
History	5.49	4.56
Mathematics	5.29	4.48
Physics	5.04	4.64
Spanish	5.44	5.05

<p><b><u>Molecular Biology SAT II</u></b>                      BTHS Average Score – 748                      National Average – 655</p>	<p><b><u>IB Biology HL Exam</u></b>                      78% of BTHS students scored a 6 or 7                      (compared to 36% worldwide)</p>	<p><b><u>Perfect SAT I Section Scores</u></b>                      28 Total                      14 Writing, 8 Reading and 6 Math</p>
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## College Matriculation class of 2014

Brookdale Community College (2)	Gettysburg College	Rensselaer Polytechnic Institute	University of Maryland, College Park
California Polytechnic State University	Harvard College	Rice University	University of Miami
Case Western Reserve University	McGill University	Richard Stockton College	University of Michigan
Columbia University (3)	Monmouth University (2)	Rowan University (4)	University of Pennsylvania (3)
Cornell University	Muhlenberg College	Rutgers University at New Brunswick (15)	University of South Carolina (3)
Dartmouth College	New Jersey Institute of Technology	Stanford University	University of Washington
Drexel University (2)	New York University (2)	Stevens Institute of Technology (2)	Villanova University
Duke University	Northeastern University	The College of New Jersey (2)	Virginia Polytechnic Institute
Emory University (2)	Princeton University (2)	Union College	Wagner College
Fairleigh Dickinson University	Purdue University	University of Georgia	Yale University



# Biotechnology High School

## Class of 2014 College Summary



### At a Glance

- 390 acceptances for 72 students
- 11 students attending Ivy League Universities
- 24 Rutgers Presidential Scholars
- **Overall Admission Decision Rates:**
  - 65% accepted
  - 25% denied
  - 10% waitlisted

### Majors / Academic Programs

- **90% of students pursuing a STEM-related major**
- 21 students majoring in Biological Sciences
- 20 students majoring in Engineering, including Bioengineering, Biomedical, Computer & Mechanical
- 3 students enrolling in 7-Year Accelerated BS/MD Programs
- 3 students enrolling in Accelerated Pharmacy Programs
- **Other Declared Majors:** Animal Science, Architecture, Biochemistry, Biotechnology, Computer Science, Digital Media Design, Economics, International Business, Neuroscience, Nursing, Physical Therapy, Pre-Med, Sociology / Criminal Justice, Special Education/ Psychology, Theatre Arts

### Colleges Offering the Most Merit-Based Academic Scholarships

*Sum of all student offers (over 4 years)*

1. Rutgers University - \$2,620,000
2. Drexel University - \$1,580,000
3. Northeastern University - \$848,000
4. Rensselaer Polytechnic Institute - \$840,000
5. Stevens Institute of Technology - \$560,000
6. New Jersey Institute of Technology - \$510,000
7. Rowan University - \$500,000
8. University of the Sciences in Philadelphia - \$380,000
9. Arcadia University - \$320,000
10. Emory University - \$300,000
11. University of Pittsburgh - \$290,000
12. University of Delaware - \$262,000
13. University of South Carolina - \$260,000
14. Drew University - \$238,000
15. Monmouth University - \$214,000

## Colleges that Accepted 80% or more of BTHS Applicants

*Minimum of 3 applicants at each college*

Arcadia University	University of California at San Diego	Richard Stockton College
Boston College	University of California at Davis	Rutgers University
Clark University	University of Connecticut	Rowan University
Drew University	University of Delaware	Seton Hall University
Drexel University	University of Maryland, College Park	Stevens Institute of Technology
Emory University	University of Miami	Syracuse University
Georgia Institute of Technology	University of Pittsburgh	The College of New Jersey
Monmouth University	University of the Sciences in Philadelphia	Union College
Muhlenberg College	University of South Carolina	Villanova University
New Jersey Institute of Technology	Rensselaer Polytechnic Institute	Virginia Polytechnic Institute

## Class of 2014 College Matriculation

Brookdale Community College (2)	Monmouth University (2)	The College of New Jersey (2)
California Polytechnic State University	Muhlenberg College	Union College
Case Western Reserve University	New Jersey Institute of Technology	University of Georgia
Columbia University (3)	New York University (2)	University of Maryland, College Park
Cornell University	Northeastern University	University of Miami
Dartmouth College	Princeton University (2)	University of Michigan
Drexel University (2)	Purdue University	University of Pennsylvania (3)
Duke University	Rensselaer Polytechnic Institute	University of South Carolina (3)
Emory University (2)	Rice University	University of Washington
Fairleigh Dickinson University	Richard Stockton College	Villanova University
Georgia Institute of Technology	Rowan University (4)	Virginia Polytechnic Institute
Gettysburg College	Rutgers University (15)	Wagner College
Harvard College	Stanford University	Yale University
McGill University	Stevens Institute of Technology (2)	

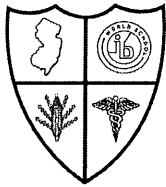
# College Matriculation 2009-2014

Albany College of Pharmacy	The George Washington University (3)	University of Pittsburgh
American University	Georgetown University (2)	Point Park University
Amherst College	Georgia Institute of Technology (4)	Pratt Institute
Arcadia University (2)	The University of Georgia	Princeton University (3)
Binghamton University	Gettysburg College	Purdue University
Boston College (2)	Hamilton College – NY (3)	Quinnipiac University (2)
Boston University (10)	Harvard University	Ramapo College of New Jersey (6)
Brandeis University (2)	Haverford College	Rensselaer Polytechnic Institute (5)
Brookdale Community College (2)	University of Hawaii at Manoa	Rice University (3)
Brown University (3)	Indiana University at Bloomington	Richard Stockton College of New Jersey (3)
Bryn Mawr College	James Madison University	University of Richmond
Bucknell University	Johns Hopkins University	Rochester Institute of Technology (3)
California Polytechnic State University	Kean University	University of Rochester
University of California, Berkeley (2)	Lafayette College	Rowan University (4)
University of California, Los Angeles	Lehigh University	Rutgers University at New Brunswick (83)
University of California, San Diego	Louisiana State University	University of the Sciences in Philadelphia (2)
University of California, Santa Cruz	Marist College	Seton Hall University
Carnegie Mellon University (3)	University of Mary Washington	Skidmore College
Case Western Reserve University (3)	University of Maryland, Baltimore County	University of South Carolina (3)
College of Charleston	University of Maryland, College Park	University of Southern California (2)
University of Chicago	University of Massachusetts, Amherst	Stanford University
Christopher Newport University	McGill University (2)	State University of New York at New Paltz
Clark University	Mercyhurst University	Stevens Institute of Technology (11)
Clemson University	Messiah College	Stony Brook University
Colgate University	University of Miami (3)	SUNY College at Geneseo
Colorado State University	Michigan State University (1)	Swarthmore College
Columbia University (6)	University of Michigan (3)	Syracuse University (2)
Cornell University (7)	Monmouth University (8)	Tulane University
Dartmouth College	Montclair State University	Union College (2)
Delaware Valley College	Muhlenberg College	United States Air Force Academy
University of Delaware (8)	University of New Hampshire	Vanderbilt University
Denison University	New Jersey Institute of Technology (3)	Vassar College
Dickinson College	The College of New Jersey (20)	University of Vermont
Drew University	New York Institute of Technology	Villanova University (8)
Drexel University (7)	New York University (8)	Virginia Commonwealth University
Duke University (4)	The University of North Carolina at Chapel Hill	Virginia Polytechnic Institute (7)
Elon University	Northeastern University (3)	Wagner College
Emerson College (2)	University of Notre Dame (3)	University of Washington
Emory University (4)	Ohio Northern University	West Chester University of Pennsylvania
Fairleigh Dickinson University, Madison	Pennsylvania State University, Hazleton	College of William and Mary
Florida Institute of Technology	Pennsylvania State University, University Park	Worcester Polytechnic Institute
University of Florida	University of Pennsylvania (12)	Yale University (3)
Fordham University (2)	Pepperdine University	York College of Pennsylvania

## Biotechnology High School

5000 Kozloski Road | Freehold, NJ 07728 | Phone: 732-431-7208 | Fax: 732-431-1395





# BTHS School Document / Transcript Request Form For College Applications

*Documents include: School Profile, School Report, Letters of Recommendations, and Transcript*

**\*\*Submit completed forms to Mrs. Mellerup\*\***

### Instructions

- You must complete one of these forms for each school you are applying to and submit it at least **10 school days** before the application deadline.
- All application materials will be submitted online unless the college does not accept electronic documents. **If the college does not accept electronic documents, do the following:** Paperclip this sheet to an 8.5 x 11 brown envelope that is addressed to the specific college with 5 stamps on it, with the following items inside:
  - College specific school report forms (if applicable)
  - Response Card: a self-addressed and stamped postcard. On the back of the card write: "(College Name) has received application materials from Biotechnology High School for (Your Name)."

### Deadlines

If your college app is due on:	Submit your request by:	If your college app is due on:	Submit your request by:
October 15, 2014	September 30, 2014	December 1, 2014	November 13, 2014
November 1, 2014	October 20, 2014	December 15, 2014	December 1, 2014
November 15, 2014	October 30, 2014	January 1, 2015 (or later)	December 10, 2014

### Request Checklist

1. Did you already submit your application to this school?  Yes  No
2. Did you already submit a "Transcript Request" on Naviance for this school?  Yes  No
3. If the school requires documents in paper format, did you include the additional items?  Yes  No  N/A

<b>Student Name:</b>	
<b>Today's Date:</b>	
<b>College Name:</b>	
<b>Application Deadline:</b>	
<b>Application Submission Date:</b>	
<b>Application Type:</b>	<input type="checkbox"/> Early Decision <input type="checkbox"/> Rolling <input type="checkbox"/> Regular <input type="checkbox"/> Early Action <input type="checkbox"/> Priority <input type="checkbox"/> Other: _____
<b>How does the college accept documents?</b>	<input type="checkbox"/> Electronic <input type="checkbox"/> Paper
<b>Which teacher letters of recommendation do you want sent?</b>	Teacher 1: _____ Teacher 2: _____
<b>Comments for counselor (Does your application have any special requirements?)</b>	

**Counselor Use Only - Do not write below this line**

<input type="checkbox"/> BTHS Transcript (Initial)	<input type="checkbox"/> School Profile	<input type="checkbox"/> School Report	<input type="checkbox"/> Counselor Rec
<input type="checkbox"/> Teacher Recs	<input type="checkbox"/> Other requested documents (if applicable)	<b>Date Sent:</b> _____	<b>Counselor's Initials:</b> _____

**SECONDARY SCHOOL RECORD - OFFICIAL TRANSCRIPT**

**Biotechnology High School**

5000 Kozloski Road  
Freehold, NJ 07728  
Phone: 732-431-7208 | FAX: 732-431-1395  
www.bths.mcvsd.org | CEEB# 310904



All courses are taught at an honors level. All students are accepted via a competitive application process and follow a rigorous course of study. Students must successfully complete 160 high school credits or their college equivalent to graduate.

<i>Last name</i> Student	<i>First name</i> Sample	<i>Middle name</i>	<i>Date of Birth</i>	<i>State ID</i>	<i>Status</i>	<i>Graduation Date</i>
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<i>Home Address</i>	<i>City</i>	<i>State</i>	<i>Zip</i>	<i>Rank in Class</i> Not Ranked	<i>Cumulative GPA</i> 92.06
<i>Parent or Guardian</i>					

**ACADEMIC RECORD**

<i>Courses</i>	<i>Grade</i>	<i>Credits</i>	<i>Courses</i>	<i>Grade</i>	<i>Credits</i>
<b>Grade 9</b>			<b>Grade 11</b>		
<b>11-12</b>			<b>13-14</b>		
Digital Literacy	100	2.50	BioEngineering	98	2.50
English 1	94	5.00	Financial Literacy	97	2.50
Fitness 1	99	2.50	IB Biology HL 11	92	5.00
Geometry	90	5.00	IB History SL/TOK	93	7.50
Health 1	99	2.50	IB Language and Literature HL 1	94	5.00
Intro. to Bio/Genetics	89	5.00	IB Math 11	92	5.00
Intro. to Chem/Forensics	86	5.00	IB Physics HL 11	90	5.00
Research 1	86	2.50	LEAP 1	100	2.50
Spanish 1	91	5.00	Spanish 3	91	5.00
World Cultures	95	5.00			
<b>Grade 10</b>			<b>Grade 12</b>		
<b>12-13</b>			<b>14-15</b>		
Algebra II/Trig	90	5.00	IB Biology HL 12		5.00
BioEthics	94	2.50	IB Language and Literature HL 2		5.00
Biotech Lab Skills	91	2.50	IB Math 12		5.00
English 2	91	5.00	IB Physics HL 12		5.00
Health/Fitness 10	98	5.00	IB Spanish		7.50
Molecular/Ag Biotech	85	5.00	LEAP 2		2.50
Physics	88	5.00	Public Speaking		2.50
Spanish 2	87	5.00	TOK		2.50
US History 1	95	5.00			

<b>GPA Data:</b>	<b>Grade 9 GPA</b> 92.13	<b>Grade 10 GPA</b> 90.81	<b>Grade 11 GPA</b> 93.25	<b>Grade 12 GPA</b>	<b>Cumulative GPA</b> 92.06
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<p><b>Grading Procedure:</b> 100 - 92 Superior Proficiency 91 - 85 Above Average Proficiency 84 - 77 Proficient 76 - 70 Partial Proficiency 69 - 55 Not Proficient / No Credit</p> <p><b>New Jersey High School Proficiency Assessment:</b> Language Arts: Pass   Math: Pass</p> <p><b>Visual &amp; Performing Arts (Option 2):</b> <b>Senior Internship:</b></p>	<p>This student is an <b>IB Diploma Candidate</b></p> <p><b>IB World School</b></p>	<p><b>SIGNATURE OF OFFICIAL CERTIFYING THIS TRANSCRIPT:</b></p> <hr/> <p>For additional information regarding this transcript, please contact the BTHS Guidance Department.</p>
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