

Fall 2015

Albert Dorman Honors College Annual Report



**NJIT**  
New Jersey Institute of Technology

11/13/2015



**Albert Dorman Honors College  
Numbers At A Glance**





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## Message from the Dean

The Albert Dorman Honors College attracts top students – from New Jersey and beyond – to New Jersey Institute of Technology through a strong value proposition: a solid STEM-based education supported by institutional and philanthropic investments that enable outstanding students to focus on academics, to achieve personal excellence, and to contribute to the excellence of the University.



I am pleased to introduce our first annual report which was conceived, prepared, and released on the occasion of the twentieth anniversary of the founding of the Albert Dorman Honors College. As the second Dean of the College, I have had the privilege to learn about the contributions of Honors students to NJIT not only in quantifiable terms (SAT averages, graduation and retention rates), but also, and most importantly, in terms of the impact they have at NJIT through their leadership roles in various parts of the campus including clubs, student organizations, tutoring, and research groups. This report gives us the opportunity to showcase some of these contributions.

Our key goal for this first edition is to illustrate some vital facts and figures that represent the building blocks of the College: our students' excellence in academic achievement and standardized test results; the distribution and diversification of the student population across the various NJIT colleges; and the high retention and graduation rates of the Honors scholars.

In addition to providing data about the students, we also include elements and examples of the College's strategic goals that are closely aligned with the University's *2020 Vision*. We present success stories about Honors scholars while also recognizing the contributions of the College's academic and administrative staff. These dedicated individuals work tirelessly to ensure that the Honors scholars have the opportunities to achieve their dreams and aspirations.

James Madison (1751 – 1836), fourth President of the United States and one of the founding fathers of the U.S. Constitution, maintained that *"education is the true foundation of civil liberty."* As a public research institution in the State of New Jersey, we share this fundamental belief that a solid educational foundation is a precursor to societal progress and welfare. Our belief that education is a critical *public good* leads us to challenge the Honors scholars to achieve their greatest potential, thereby ensuring that the Albert Dorman Honors College continues to be a fundamental element of the fabric and the philosophy of NJIT.

Sincerely,

A handwritten signature in cursive script that reads "Katie Passerini".

# Albert Dorman Honors College Statistics At A Glance

## All Honors Freshmen

(All tables based on data provided by the Office of Institutional Research)

	Fall 2015	Fall 2014	Fall 2013
<b>Enrollment (FTFTF)</b>	173	192	182
<b>Admissions</b>	540	555	561
<b>Applications</b>	1283	1287	1228
<b>Yield (Accepted vs. Enrolled)</b>	32%	35%	32%
<b>SAT Scores (Combined CR + Math)</b>	1385	1373	1347
<b>Percent Female Students</b>	38%	38%	32%

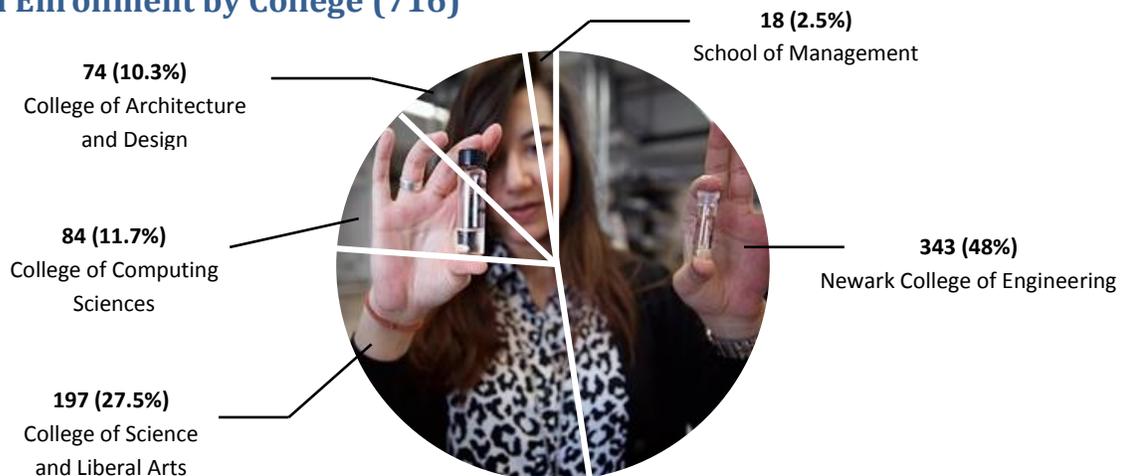
## Accelerated Pre-Health and Pre-Law Freshmen

	Fall 2015	Fall 2014	Fall 2013
<b>Enrollment (FTFTF)</b>	43	47	29
<b>Interviews</b>	238	166	154
<b>Applications</b>	336	283	213
<b>SAT Scores (Combined CR + Math)</b>	1494	1411	1386

## Transfer Enrollment

	Fall 2015	Spring 2015	Fall 2014	Spring 2014
<b>Admissions</b>	25	12	17	13
<b>Interviews</b>	63	21	49	28
<b>Applications</b>	140	73	156	64

## Total Enrollment by College (716)



## Retention Rates

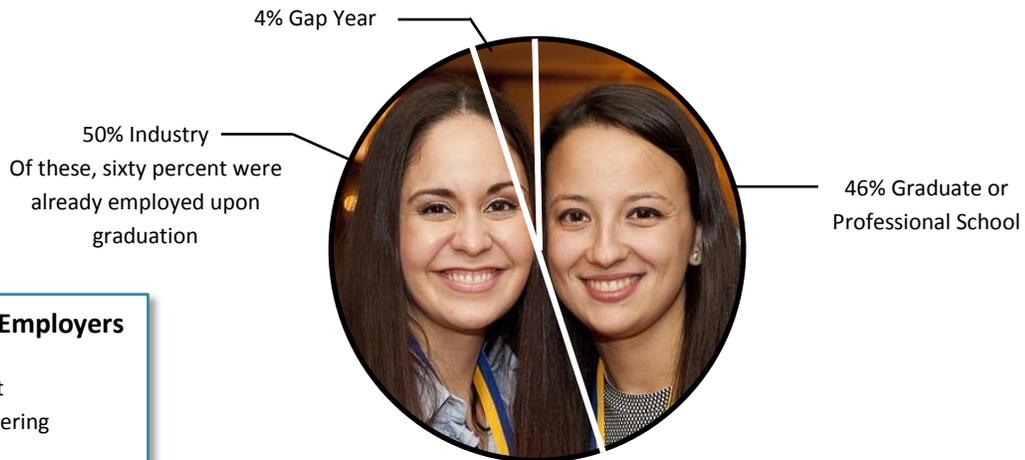
	2014-2015	2013-2014	2012-2013	2011-2012
<b>Honors</b>	95%	95%	93%	96%
<b>Non-Honors</b>	86%	81%	84%	79%

## Graduation Rates (six-year)

	2015	2014	2013	2012
<b>Honors</b>	83%	80%	82%	83%
<b>Non-Honors</b>	49% (prelim.)	53%	52%	48%

## Post-Graduation Plans

(Based on self-reported data from Annual Honors Student survey; 76% response rate)



### Sample of Employers

Alcatel-Lucent  
 Bohler Engineering  
 CIT Group  
 DBOX  
 DMR Architects  
 ExxonMobil  
 Forbes Media  
 Goldman Sachs  
 IBM  
 LGS Innovations  
 Liberty Mutual  
 Merck  
 MR Architecture & Décor  
 Prudential  
 S&P Capital IQ  
 Stryker  
 Tata Consulting (TCS)  
 W&H Systems

### Sample of Graduate and Professional Programs

Georgetown Law School  
 NJIT  
 New York Institute of Technology College of Osteopathic Medicine  
 New York University  
 Rutgers New Jersey Medical School  
 Rutgers School of Dental Medicine  
 Saint George's University School of Medicine  
 Stony Brook University  
 University of Delaware  
 University of Massachusetts, Amherst  
 Vanderbilt University Law School

## Performance Toward Strategic Priorities

### Early Successes - Strategic Priority 1

#### Academic Excellence through Learner-Centered Education

- Guidelines for diversification of the Honors learning experience into **focused learning tracks** (Course Intensive, Research, Professional Development, International) unified under general Honors Program learning outcomes have been completed and are awaiting approval by Committee for Undergraduate Education (CUE).
- **Undergraduate Research Thesis projects** have been approved by Biomedical Engineering and Information Systems and are already underway in Architecture.
- **A Women with STEAM** Scholarship fund is being established to support female students entering the Honors College in any discipline involving Science, Technology, Engineering, the Arts, or Mathematics.

### Early Successes - Strategic Priority 2

#### Leadership Development through Community Engagement

- **Center for Leadership and Professional Development** was launched in Spring 2015 with appointment of first Assistant Director.
- The curriculum for **a Minor in Technical Leadership** is under development.
- **Community service requirements** increased to 15 hours internal (NJIT) service and 15 hours of service to greater Newark community.

### Early Successes - Strategic Priority 3

#### High Visibility through Technological Outreach & Partnerships

- A committee facilitating applications for **national awards and fellowships** has been created.
- New **articulation agreements** with Pace University Law School and other professional schools are underway.
- Implementation of a **coordinated communication strategy** integrating web, print, and social media is ongoing.
- External programs, including the **Brazilian Scientific Mobility Program**, administered by the Institute of International Education (IIE), and **Verizon's Girls Who Code Summer Immersion Program**, were hosted by the Honors College.
- **Showcase featuring Honors student work** has been established and will be expanded to include Honors undergraduate research.

## Student Awards



Honors scholar **Kevin McIlmail '15** was selected to participate in the prestigious **Teach for America** program. Kevin is currently teaching high school mathematics in Philadelphia while earning a Master's in Education at the University of Pennsylvania. Read more at: <http://www.njit.edu/features/student/graduation-reflections.php>

**Justin Yen and Roxana Beladi earned second place in the Business Idea Competition** at the International Council for Small Business (ICSB) World Conference in Dubai in the summer of 2015. Students formed teams and came up with ideas for startups, subsequently presenting their ideas to a panel of judges. Roxana and Justin were part of a team that took second place for their STEMBox idea, a subscription service that would introduce young children to STEM fields and occupations. Read more at: <http://www.njit.edu/features/student/dubai.php>



A team of NJIT students won **first place in a Robotics Contest sponsored by the American Society of Mechanical Engineers (ASME)**. The team of students included three graduating seniors from the Albert Dorman Honors College: Kevin Prol, Jacob Nieuwenhuis, and Steve Greendyk, as well as Jonathan Larrazabal. The robot designed by this team traversed a course filled with obstacles in less than two minutes. A total of 21 teams competed in the regional contest, with NJIT defeating universities such as Purdue, Marquette, and the University of Illinois at Urbana-Champaign. The team won a \$500 prize and travel subsidies to the final robotics competition in Houston. Read more at: <http://www.njit.edu/features/innovations/asme-contest.php>

**Stefani Kocevka**, a junior at NJIT pursuing a Bachelor's degree in Chemical Engineering with a minor in Chemistry, was selected as one of the **2016 NJ Governor's STEM Scholars**. She is the head student ambassador for the American Chemical Society and a member of the Society of Women Engineers and American institute for Chemical Engineers. Read more at: <http://www.govstemscholars.com/scholars-2016/>





A **group of students from the College of Architecture and Design’s** Master in Infrastructure Planning (MIP) program were awarded **first prize for their entry in the 2015 student showcase at the American Planning Association (APA) Northeast Conference**. The theme of the showcase was “Planning for the Future: innovative, Engaging, Sustainable.” The winning project, titled “SEZ to EZX: Shenzhen Xroads,” was presented by NJIT students including **Monali Patel**, a 5<sup>th</sup> year Architecture student in the Albert Dorman Honors College. The project was commended for its comprehensive research, innovative strategies, and outstanding graphics. Read more at: <http://www.njit.edu/news/2015/2015-189.php>

For the second year in a row, a **team of NJIT students reached the final four of the Chartered Financial Analyst (CFA) Institute Research Challenge**, an annual global competition that provides university students with hands-on mentoring and intensive training in financial analysis. The students, including **Hari Ravichandran** of the Albert Dorman Honors College, researched and analyzed a publicly traded company, drafted a research report with a buy, sell, or hold recommendation, and presented and defended their analysis to a panel of industry professionals. Read more at: <http://www.njit.edu/news/2015/2015-106.php>



## Administration and Staff Highlights

In the last 12 months, the Albert Dorman Honors College has seen significant changes and growth. The team welcomed three new members focused on ensuring the continued success of the Honors College and its scholars.



**Dr. John Bechtold**  
Associate Dean



**Dr. Regina Collins**  
Assoc. Dir., Writing, Communications  
and Outreach



**Ms. Alicia Fegghi**  
Asst. Dir., Leadership and  
Professional Development

## Alumni and Development Highlights

### FY15 Activity:

- **Class of 2015 \$20.15 appeal:** **26 participants**
- **Total Giving:** **\$603.75**

### FY16 Activity To Date:

- **Number of attendees** to the Albert Dorman Honors College 20<sup>th</sup> Anniversary Alumni Ceremony: 76, of whom 43 were Honors College alumni
- **Total raised** (20<sup>th</sup> Anniversary Alumni Appeal with invitation to ceremony): **\$981.00**

### July 1 to October 31, 2015:

- Number of Honors College alumni who **made a first gift** to NJIT: **30**
- Number of Honors College alumni who **renewed a gift** to NJIT: **135**
- Number of Honors College alumni who **participated in all NJIT alumni events:** **81**

### Major Gifts:

- Donations to the Sweeney-Schulte Endowed Scholarship in memory of Elisabeth Schulte-Sweeney: **\$30,250.00** as of October 31, 2015.
- Gilbert W. Glass Leadership Scholarship Bequest: **\$1,000,000.00**
- Frank Femino, MD '85 Endowed Scholarship for Research: **\$30,000.00** over five years\*
- Gowton Achaibar '86 Endowed Scholarship: **\$30,000.00** over five years\*

\* *Scholarship agreement in process*

# Albert Dorman Honors College Detailed Annual Report

## Detailed Annual Report

The remainder of this document provides a more detailed summary of the activities of the Albert Dorman Honors College, including efforts of the Albert Dorman Honors College administration and the accomplishments of its students during the 2015-2016 academic year.

## About the Albert Dorman Honors College

Since its inception as an Honors Program in 1985 and then as a College in 1995, the Albert Dorman Honors College has continued to thrive through its vibrant community of students, alumni, faculty and staff, and industry stakeholders who participate in the growth of the College's programs and offerings. The College is proud to provide a uniquely rich and challenging educational experience to the best and most motivated students who demonstrate excellence in their academic endeavors and engage in exceptional learning and development activities.

### Vision

The Albert Dorman Honors College is a model of excellence in university education wherein highly qualified students are academically and societally prepared for key leadership positions.

### Mission

Within NJIT, the Albert Dorman Honors College provides an extraordinary education characterized by academic excellence, forefront technological research, and leadership development that attracts and graduates the most talented honors scholars, having prepared them for successful careers and leadership roles in industry, the public sector, academe, and non-profits, all dedicated to the improvement of society.

### Values

Effective leadership is nourished by strong ethical values and we will reinforce this notion by calling on our students to strive to be recognized not only for their integrity and professional excellence, but also for their passion, their compassion, and a deep sense of service to the community.

**Integrity** - Follow the highest standards of conduct, act fairly, and be responsible.

**Professional Excellence** - Strive for excellence as a guiding principle of every professional engagement: scholarship, research, learning, mentoring, and service.



**Passion and Compassion** - Engage fully and fervently in the pursuit of knowledge but remain considerate, thoughtful, and benevolent.

**Service to the Community** - Contribute to the local and global community through exemplary service and dedication.

## **Albert Dorman Honors College *Strategic Plan 2014-2020* and Alignment with University *2020 Vision***

Since its inception, the Albert Dorman Honors College has been a key pillar of NJIT's commitment to academic excellence. The Albert Dorman Honors College has attracted outstanding students and has given them the opportunity to excel personally and professionally.

The goal of the Albert Dorman Honors College for 2020 is to further position the College as a vibrant center of excellence within and beyond NJIT. By focusing on the strategic priorities described in the *2014-2020 Strategic Plan*, the Albert Dorman Honors College expects to increase its visibility, expand the excellence of the academic experience, and meaningfully contribute to the local community by encouraging its students to become socially responsible leaders.

The key outcomes discussed in the Albert Dorman Honors College *2014-2020 Strategic Plan* are shown in the figure below.



These strategic priorities are closely aligned with the five strategic priorities outlined in NJIT's *2020 Vision* document:

1. **Students:** A growing number of high-achieving students
2. **Learning:** A challenging and relevant curriculum
3. **Scholarly Research:** Commitment to national and international preeminence
4. **Community:** Local and global engagement
5. **Investments:** A complete spectrum of resources

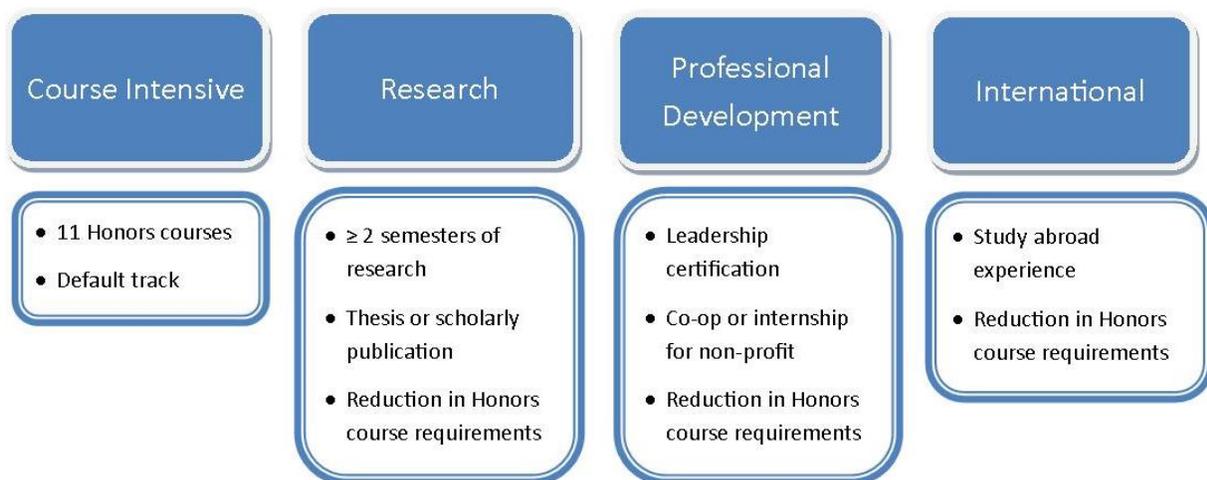
## Strategic Priority 1 – Academic Excellence through Learner-Centered Education

This priority focuses on **strengthening the connections of the Albert Dorman Honors College with other colleges** by increasing engagement and developing joint programs that will further academic excellence goals through learner-centered education, including promoting undergraduate research opportunities that foster discovery, creativity, and innovation.

### Diversified Track Offerings

As part of its efforts to address strategic priority one (academic excellence through learner-centered education), the Albert Dorman Honors College has proposed and is seeking approval for **multiple tracks that recognize a variety of milestone learning experiences as alternate paths to achieving an Honors educational experience**. The track offerings have been fully developed and will be presented for approval to the Committee for Undergraduate Education (CUE) in Spring 2016.

Students undertaking these milestone learning experiences receive a corresponding reduction in the number of Honors courses required for graduation.



For the Research track, Honors undergraduate research theses have already been approved in the departments of Biomedical Engineering and Information Systems as well as Architecture.

### Women With STEAM Scholarship Fund

Under the guidance of Ms. Lois Chipeco, Albert Dorman Honors College alumnae are coming together to create a **Women with STEAM scholarship**. This is intended to provide four years of scholarship support for women students of the Honors College. First-year female students will be pre-screened and will be invited to apply for the scholarship after they have applied to the Honors College. The first recipients will be announced in February of 2016. Alumnae and others wishing to contribute to the scholarship through donations or other forms of support are invited to contact Ms. Chipeco.

## Strategic Priority 2 – Leadership Development through Community Engagement

This priority calls for the **Albert Dorman Honors College to become a center for excellence in leadership education**. The Albert Dorman Honors College must guide students to understand the service imperative and to contribute to societal advancements through sustainable means. It must also embed leadership, ethics, and sustainability into curriculum and outcomes.

### Center for Leadership

An initiative of the Albert Dorman Honors College *2014-2020 Strategic Plan*, the **Center for Leadership and Professional Development** was launched in the spring of 2015 with the hiring of its first Assistant Director. Because leadership and professional development are identified as the next critical competencies for students who excel in subject-based knowledge, the Center is well positioned to provide academic and professional development opportunities for Honors scholars.

The Center is founded on the belief that training leaders for the 21<sup>st</sup> century requires technical knowledge, ethics, civic-mindedness, and the ability to bring together people to address pressing global issues. The Center will partner with stakeholders who can provide students with internships, cooperative programs, or other service learning experiences and will offer seminars and networking opportunities to enhance the leadership skills of the Honors scholars.

### Vision

The Center for Leadership and Professional Development seeks to develop students into conscientious global leaders who understand the value of ethics, social responsibility, sustainability, and who will champion social transformation within their professions.

### Mission

To facilitate the growth of Honors scholars as conscientious global leaders, the Center will create teaching, learning, research, and applied programs on leadership development across various professions relevant to the specialization areas of NJIT students.

### Values

The values that will inform the Center are the same as those espoused and practiced by the Honors College.

### Minor in Technical Leadership

The Albert Dorman Honors College intends to cultivate high visibility across universities nationwide with the introduction of a **15-credit minor in Technical Leadership**, supported through the Center for Leadership and Professional Development. This minor will provide students with an avenue to develop their communication, organizational, and leadership skills in conjunction with their technical studies. The minor will work in parallel with all three strategic priorities – academic excellence, leadership development, and high visibility – because these three strategic priorities are neither independent nor sequential, but rather dependent on the success of their counterparts.

The curriculum for the minor in Technical Leadership is under development but will focus on guiding students to successfully transition from their technical, STEM-based expertise to becoming strong, motivated leaders who can contribute in business, government, and non-profit institutions to affect their communities, their nations, and the world.

## Community Service

Community service is one of the hallmarks of the Albert Dorman Honors College. Inspired by the altruism of Dr. Albert Dorman, the founder of the college, **Honors scholars are encouraged to give back to their university and their communities.** In the spring of 2015, Honors scholars completed over 15,000 hours of community service. In the fall of 2015, community service hours were revised to include 15 hours of on-campus service and 15 hours of service to the greater Newark community. This change applies to all students, however, upperclassmen were given the opportunity to opt-out and complete the previous 15 hours per semester requirement.

## Examples of Community Service Engagements

The **National Society of Leadership and Success** held its first fundraiser at the Spanish Pavilion in Harrison, NJ on September 25th. They raised \$580, with over 60 people coming to enjoy a \$10 all-you-can-eat buffet. The money raised through the event will be used to fund future events and service projects including free CPR training and NJIT Against Hunger.



**NJIT Against Hunger** is one of the most sustainable initiatives of the National Society of Leadership and Success. NJIT Against Hunger serves the homeless in Newark by providing them with meals for the day. At its inaugural event in September, approximately 60 students made over 300 bagged lunches and distributed the meals to people in need around Newark Penn Station. The project gives the people of Newark the assurance that, here at NJIT, we consider Newark our city and we are committed to helping it thrive.

NJIT's **tutoring program with 13<sup>th</sup> Avenue School** has attained a record of 30 tutors this year. The tutors enjoy seeing their students improve while at the same time serving as role models to the young students.

**NJIT Climb 4 Kids** was launched through the interest of a single Albert Dorman Honors scholar, Nicholas Concepcion. With the help of Ms. Fegghi, Assistant Director for Leadership and Professional Development, this event grew into a university-wide event that raised \$1,655 for the After-School All-Stars, an organization dedicated to ensuring that children in Newark and New York receive quality after-school programming.



## Strategic Priority 3 – High Visibility through Technological Outreach & Partnerships

This priority focuses on **leveraging forefront technologies and communication channels to increase the visibility of the Albert Dorman Honors College** while at the same time developing high-quality partnerships and programs that support outreach.

### National Fellowships

National fellowships such as Fulbright, Goldwater, and Rhodes are highly competitive. These fellowships are also prestigious, not only for the student but also for the student's institution, as the number of such fellowships awarded are frequently included in calculations of national rankings. The Albert Dorman Honors College has **compiled a list of these fellowships and is in the process of forming a committee** to facilitate student selection and mentoring through the application process. Four students were mentored to submit applications to the Fulbright program in Fall 2015.

### Articulation Agreements

The Albert Dorman Honors College continues to identify **new opportunities for articulation agreements** to offer its students a broad selection of professional programs upon graduation and also to attract students from STEM high schools. An articulation agreement is in the final review stage with Pace University Law School for the accelerated pre-law program; other articulation agreements with pre-health professional schools are in preliminary stages.

### Integrated Communication Strategy

With the hiring of the Associate Director of Writing, Communications, and Outreach, **a strategic communication plan** is underway. Print and digital materials are being redesigned to ensure consistent message and branding, the website has already been revised significantly and continues to undergo streamlining, and the social media presence of the Albert Dorman Honors College has significantly increased with outreach through Facebook, Twitter, and a new Wordpress blog available at: <https://albertdormanhonorscollege.wordpress.com/>

## Brazilian Scientific Mobility Program (BSMP)



The Brazilian Scientific Mobility Program (BSMP), administered by the Institute for International Education (IIE), is a Brazilian government-funded initiative that **sends undergraduate and graduate STEM students from Brazil to top colleges and universities in the United States and throughout the world**. In the summer of 2015, the Albert Dorman Honors College served as a liaison for 35 Brazilian undergraduate students conducting research at NJIT. In addition to helping the students obtain their

computing IDs and complete the required laboratory safety training, the Honors College hosted a welcome reception and closing ceremony. The closing ceremony was attended by a number of guests from IIE as well as by Mr. Frederico Menino, Consulate General of Brazil in New York. The Honors College is currently involved in preparing a proposal to bring more of these talented Brazilian STEM students to NJIT next summer. More information about this program is available at:

<http://www.njit.edu/features/sceneandheard/brazilian-students.php>

## Verizon Girls Who Code

During the summer of 2015, the Albert Dorman Honors College **hosted 40 high school girls as part of Verizon's Girls Who Code Summer Immersion Program**. During the seven-week program, the girls studied robotics, mobile development, HTML, and various programming languages. They also had class visits each week from successful women who work in technology and management. The girls took field trips to local technology companies and participated in a mentoring session and workshop at the Murray Center for Women in Technology at NJIT, which co-hosted the program. The girls were very impressed with the Honors College, saying that when the time came for them to apply to colleges, NJIT and the Albert Dorman Honors College would be on their list. For more information about this program, please visit the following links:



<http://www.njit.edu/features/sceneandheard/girls-code.php>

<http://www.njit.edu/features/sceneandheard/girls-code-graduation.php>

## Course Enhancement Showcase

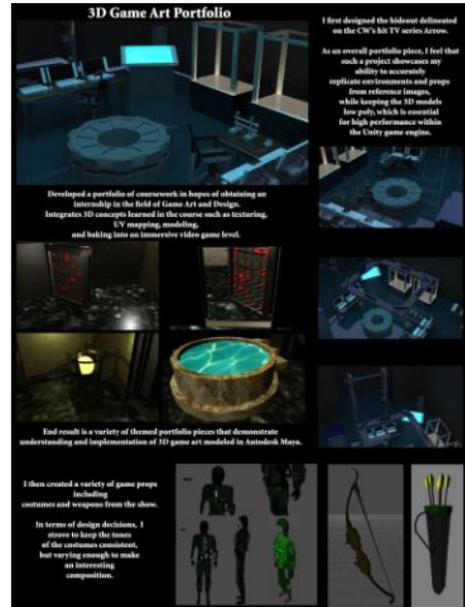
In situations where Honors courses are not available, students can apply for a course enhancement that involves a meaningful learning experience in addition to the required coursework. **The results of the course enhancements are featured in a showcase that occurs every semester**. The entire NJIT community is invited to these showcases; students and faculty are asked to judge the best works.

The winners of the Fall 2014 Showcase were invited to attend the National Collegiate Honors Council conference in Chicago in November, 2015. One winner from the Spring 2015 Showcase, Neha Syal, was selected as the Albert Dorman Honors College's nominee for the NCHC Portz Fellowship based on her paper entitled "*Culture Shock: The International and American Experience.*"

The following projects won recognition in the Spring 2015 Showcase, with two projects being tied for 1<sup>st</sup> place.

**1<sup>st</sup> Place (tie): Robert Gioia, 3D Game Art Portfolio** (with Dr. Nersesian)

Robert designed the hideout delineated on the CW television channel's hit TV series, Arrow. He created a variety of game props including costumes and weapons for the show, creating a full, DC level based off of another setting in the show and integrated all elements into the Unity game engine. A copy of Robert's poster is shown at right.



**1<sup>st</sup> Place (tie): Neha Syal, Culture Shock: The International and American Experience** (with Dr. Wylie)

Neha explored the convergences and divergences that occur in the experiences of American students abroad and international students in the United States. Each participant was asked the same 20 questions about their experiences in their host country. Analysis of their responses suggested that they experienced culture shock in their host country in terms of their academic, social, cultural, political, and economic experiences. (*The Honors College submitted Neha's paper to the National Collegiate Honors Council to compete for their Portz Fellowship that supports Honors students in conducting creative and innovative cross-disciplinary research.*)

**2<sup>nd</sup> Place: Michelle Vollo, 1920s and 1930s Harlem Jazz** (with Dr. Riismandel)

Michelle conducted an in-depth analysis of the relationship between the Harlem area and the jazz scene during the 1920s and 1930s, also taking into consideration the broader implications of jazz, Harlem, and representation with regard to race, class, and popular customs and values of the period.

**3<sup>rd</sup> Place: William Ruys, An Exploration of Numerical Methods for Partial Differential Equations** (with Dr. Bose)

William conducted an in-depth study of the finite difference methods used in finding numerical solutions to second order linear partial differential equations of the parabolic and elliptic kind. In his study, error and stability were the foremost considerations and were investigated with Fourier analysis and experimental results.

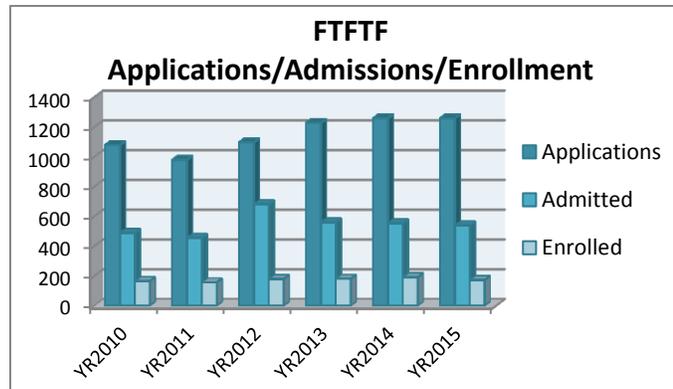
## Incoming Freshmen Student Data

Students are the life blood of a university. The Albert Dorman Honors College attracts some of the best and brightest students from New Jersey, across the US, and around the globe.

The admissions data for the Albert Dorman Honors College incoming first-time full-time Freshman (FTFTF) class of 2015 are discussed below. Data reported was obtained from the Office of Institutional Research. Applications and average SAT scores of incoming freshmen continue to increase, suggesting that branding and recruitment efforts are resulting in positive outcomes.

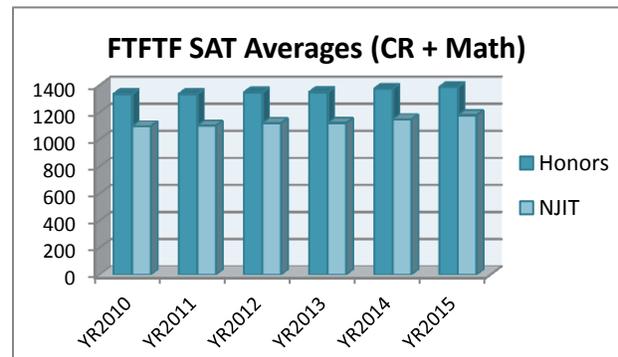
### Freshman Enrollment

Applications to the Albert Dorman Honors College have been increasing every year. The enrollment yield (students who enrolled versus those who were admitted) was 32% in YR2015, up from 29% in YR2014. In YR2015, 173 Freshmen enrolled in the Albert Dorman Honors College.



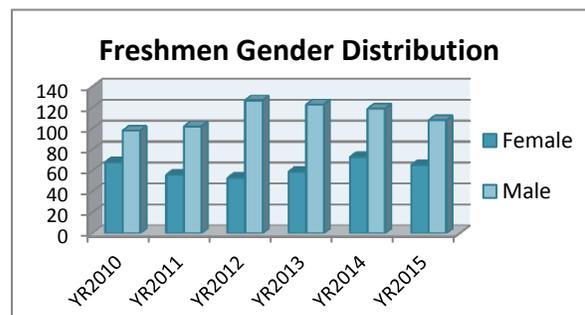
### Freshman SAT Scores

The average SAT score for Honors students who enroll in the university has also been increasing. In 2014, the average SAT score (combined Critical Reading + Math) was 1373 for the Albert Dorman Honors College and 1147 for the general NJIT population (excluding honors). The combined SAT score for NJIT was 1192. For 2015, the average SAT score (CR + Math) for students enrolled in the Albert Dorman Honors College is 1385 and 1178 for the non-honors FTFTF. The combined NJIT average is 1211.



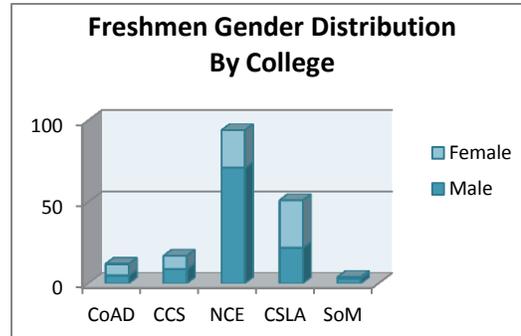
### Freshman Gender Distribution

Albert Dorman Honors College actively recruits women students. The incoming Albert Dorman Honors College freshman class of 2015 included 65 female and 108 male students (37.6% female), much higher than the university's average of 25%.

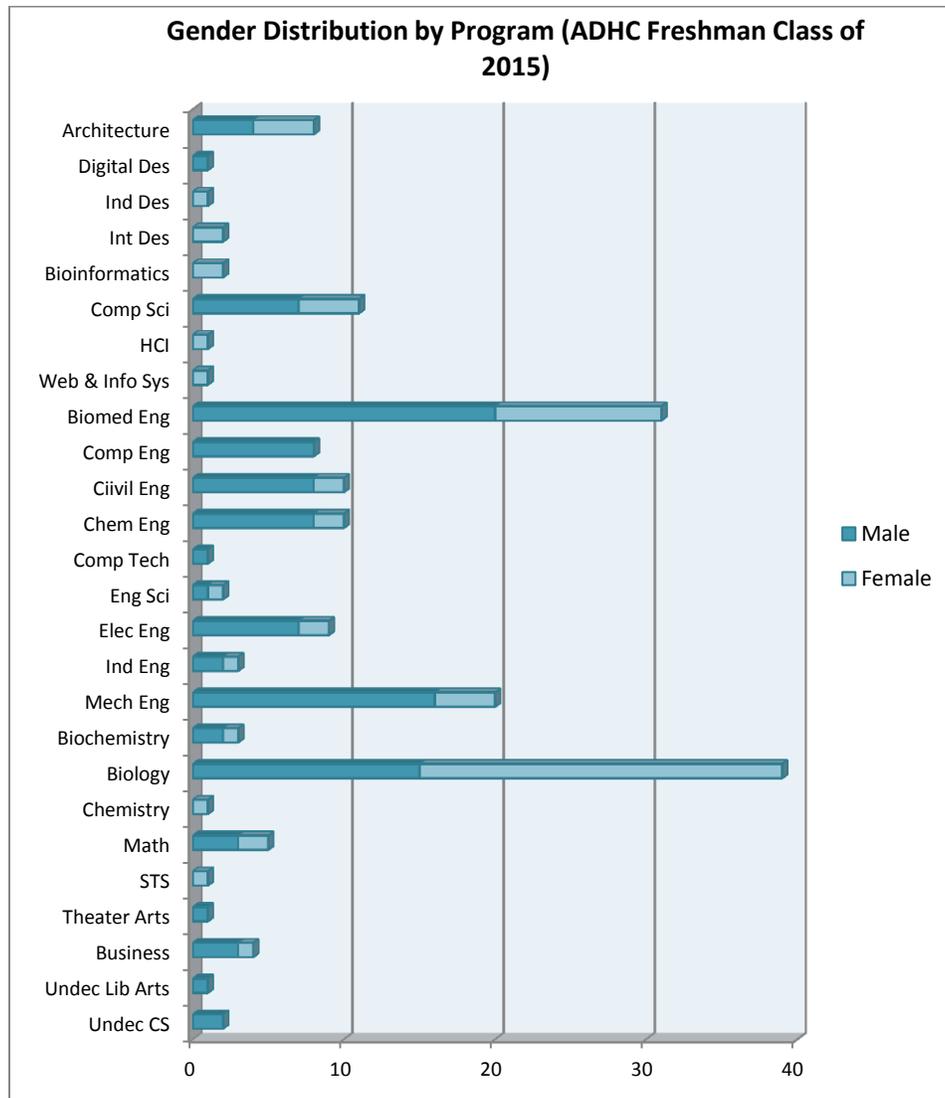


## Freshman Majors, Colleges and Programs

The students of the Albert Dorman Honors College are enrolled in a broad variety of degree programs distributed across the university's five degree-granting colleges. The college with the largest enrollment of incoming Albert Dorman Honors College Freshmen (2015) is Newark College of Engineering (NCE) followed by the College of Science and Liberal Arts (CSLA).



The following chart shows the degree programs selected by the incoming Honors College Freshman class of 2015 by gender.



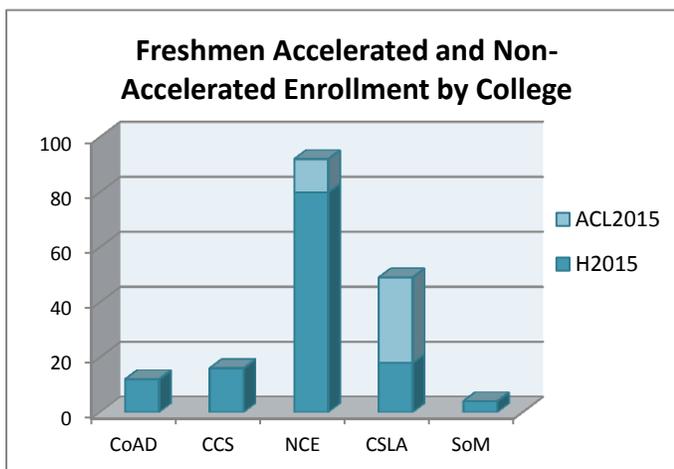
The previous chart highlights the degree programs that attract the most female students, including Biology, Biomedical Engineering, and Computer Science, as well as Architecture, Interior Design, Industrial Design, and Bioinformatics. One of the reasons for the significant enrollment in Biology and Biomedical Engineering (overall) is the availability of an accelerated pre-health program for students in the Honors College. This program and the accelerated pre-law program are discussed in the following section.

### Freshman Accelerated Program Enrollment

The most competitive program in the Albert Dorman Honors College is the accelerated pre-health program. Through this program, students can complete three years of study at NJIT and complete their fourth year of their undergraduate studies during their first year at a professional school.

Although accelerated pre-health students can choose any major, most students choose a major that is relevant to the medical field, including Biology (CSLA), Biomedical Engineering (NCE) and

Biochemistry (NCE). For these reasons, most of the Honors students enrolling in the accelerated program are in degree programs in CSLA; NCE also has a substantial number of accelerated students.

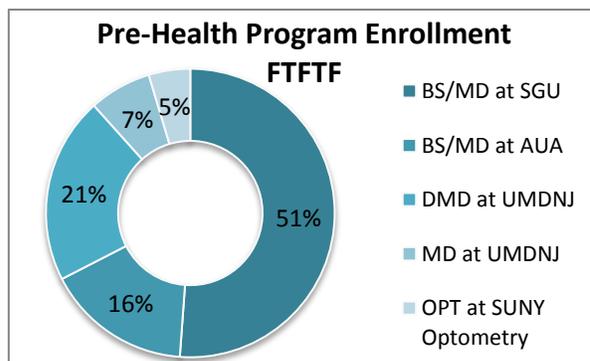


Due to the competitive nature of the accelerated programs, admissions requirements are more stringent. Students accepted into the accelerated program have an average SAT score (combined Critical Reading + Math) 120 points higher than Honors (non-accelerated) students. For the Freshman class of 2015, the average accelerated SAT score (CR + Math) was 1494, while the average SAT score for all non-accelerated first-time, full-time Honors freshman in 2015 was 1368.

## Freshman Accelerated Pre-Health Program Enrollment

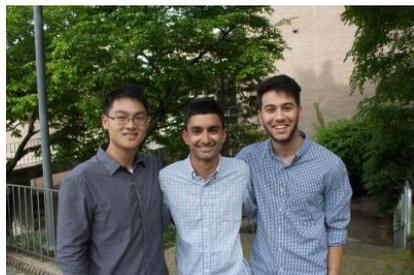
When students apply to the accelerated pre-health program, they also select the professional program they intend to pursue. These programs include:

- BS/MD from St. George's University, Grenada
- BS/MD from American University of Antigua
- BS/MD from New Jersey Medical School (formerly UMDNJ)
- BS/DMD (Dentistry) from New Jersey Medical School
- BS/OPT (Ophthalmology) from New Jersey Medical School
- BS/OPT from State University of New York



The program with the highest enrollment for the last four years has been the BS/MD from St. George's University.

## Accelerated Program Success Stories



The class of 2015 included four Albert Dorman Honors College accelerated pre-health students accepted into the Rutgers New Jersey Medical School: Nevin Chen, Nikhil Kaushal, Keneil Shah, and Kishan Shah. All four students majored in Biology, and all four graduated with near-perfect GPAs.

**Kevin Chen** was a member of the NJIT student senate and was Vice President of the Association of Indian Students. He was also part of the Honors student team that established a mobile health program in the Dominican Republic.

While at NJIT, **Keneil Shah** conducted research at the Cancer Center at NJMS. He was part of a research team that studied the relationship between a protein and a gene family that play a role in the formation of certain cancers.

**Nikhil Kaushal** was a member of the student team that placed first in the Microsoft Hackathon, winning a \$40,000 prize for an app that disseminates vital health information to cellphones, even basic phones without Internet access. He also conducted research at the NJMS Cancer Center, exploring random mutations of a gene complex that is resistant to a DNA damaging agent.

**Kishan Shah** was on the executive board of the service fraternity Delta Epsilon Psi and was a member of the Phi Eta Sigma National Honor Society. He helped to establish a mentoring program in Newark for local children and raised money for the Juvenile Diabetes Research Foundation.

Read more about these four graduates at: <http://www.njit.edu/features/alumni/four-doctors.php>

## Student Profiles

Every Albert Dorman Honors College scholar has a unique and inspiring story. Below are the stories of four students who exemplify the initiative, drive, and altruism typical of Albert Dorman Honors College scholars.

### Freshman Raiha Khan



Raiha Khan came to study Computer Science at NJIT from Lyndhurst High School, where she was not only Valedictorian but also a member of the National Honor Society, was on the Distinguished Honor Roll, and was named AP Scholar with Distinction.

In the summer of 2014, Raiha decided that the children of Lyndhurst should have the opportunity to learn basic word processing, multimedia software, and Internet safety in a fun and non-threatening environment. She worked with a local summer day camp program to create a Computer Skills class for children in grades K through 5. Raiha not only developed the curriculum but also taught the class, giving 20 hours per week of her time to the program.

It's in Raiha's nature to serve. From 2013 until her graduation in 2015, Raiha was also part of the Lyndhurst School District Tutoring program where she tutored middle schoolers in all core subjects for about 8 hours per week. She also spent one summer as an Assistant Librarian and Computer Helper at the Lyndhurst Public Library.

Since coming to NJIT, Raiha has become involved in the Honors College Newsletter and the Emerging Leaders Program. A commuter, Raiha also finds time to serve the greater Newark community through participation in service activities for NJIT Against Hunger and the Greater Newark Conservancy.

### Sophomore Ramsha Javed

When she arrived at NJIT, Ramsha Javed hit the ground running. Now only a sophomore, Ramsha is already president of NJIT's chapter of the National Honors Society for first year students, Phi Eta Sigma. She is also a member of the Pre-Health Society and the Biology Society, and she helps mentor freshmen through the difficulties of their first year of college.



This past September, Ramsha and a small group of students started up a project called NJIT Against Hunger. This group focuses on helping the hungry in the Newark area by bringing students together to make meals that they later distribute to the homeless and hungry. When asked what this project means to her, Ramsha said, "A lot of us are in our late teens and early twenties and have a small sense that, at our age, we cannot do much to make a difference in our society. I wanted to bring this project to our campus so that the students here can see that, by just taking out a few hours of our day to make simple sandwiches, we can help the people who really need it."

Ramsha is enrolled in the accelerated pre-health program in the Honors College. When not volunteering, she can also be found singing at karaoke nights on campus.

## Junior Justin Yen



An Emergency Medical Technician (EMT) and firefighter with the Cedar Knolls Fire Department, Justin Yen is also a student on a mission to help people during times of crisis. In addition to his work with the fire department, Justin has completed a medical observership at St. Michael's Medical Center in Newark and has completed significant training in emergency management, culminating in being part of the deployment team for the Morris County MAB 5 (Mobile Ambulance Bus).

When not on call, Justin is a Junior in NJIT's BA program in Biology with a concentration in Neurobiology. He is active in university organizations including the Pre-Health Society and the Ultimate Frisbee Club Team. He is also the Treasurer of the Albert Dorman Honors College Honors Student Council, the Chief of Staff of the NJIT chapter of the National Society for Leadership and Success, and a mentor in the Pass the Torch mentoring program at the Honors College. Justin has also tutored at 13<sup>th</sup> Avenue School and served as International Student Ambassador for NJIT.

Justin is an active researcher who has conducted research with Drs. Adams and Monsen at MSU and Drs. Nadim and Passerini at NJIT. He was part of a team of Albert Dorman Honors College students who earned second place in the Business Idea Competition at the International Council for Small Business (ICSB) World Conference in Dubai in the summer of 2015.

## Senior Anmol Mittal



After he graduates from NJIT next May, Senior Anmol Mittal is off to medical school, and not just any medical school, but the highly competitive Rutgers New Jersey Medical School. To anyone who knows Anmol, this is no surprise. Anmol, a student in the BA in Biology program and the seven year accelerated pre-health program, has a cumulative GPA of 3.98 during his time in the Albert Dorman Honors College.

Anmol is no stranger to the field of medicine. He has served as a member of the Metuchen Emergency Medical Services program since 2013, and he has volunteered in emergency rooms and stroke units at various New Jersey hospitals. He has also conducted research on the neural networks of *C. elegans* worms as part of the Haspel Lab at NJIT, and explored the genomic DNA of duckweed as part of the WSSP program at Rutgers University.

Anmol has a long list of awards and recognitions, among them The Quiet Influence: The Unsung Hero Highlander Award. Anmol has been the recipient of a number of scholarships and grants, including the Northeast Regional Honors Council Minority Scholarship and the Provost's Undergraduate Summer Research Grant.

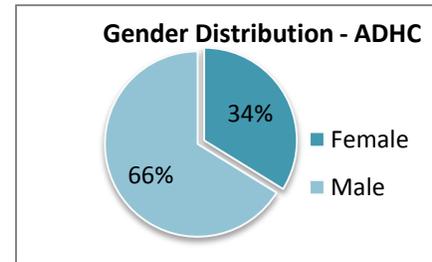
A well-rounded student, Anmol has also been active on campus, serving as President of the NJIT chapter of the National Society for Leadership and Success, an Honors Ambassador, and an Honors First Year Student Advisor.

## Honors College Total Enrollment Summary

(Based on data provided by the Office of Institutional Research)

### Honors Total Enrollment by Gender

Although recent incoming classes have averaged in the 38% range for female students, overall the Albert Dorman Honors College is home to 242 (33.8%) female students and 474 (66.2%) male students for a total full-time student population of 716.



### Honors Total Enrollment by Major and College

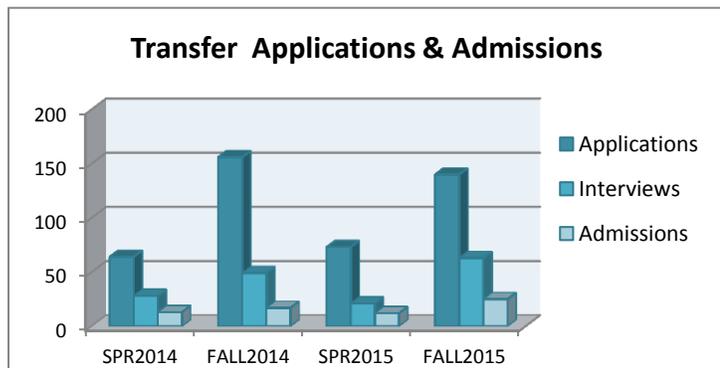
College	Major	Y2015	Y2014	Y2013
<b>College of Architecture and Design</b>	Architecture	55	61	72
	Digital Design	7	13	10
	Industrial Design	5	3	7
	Interior Design	7	4	2
<b>CoAD Total</b>		74	81	91
<b>College of Computing Sciences</b>	Business Information Systems	2	0	0
	Bioinformatics	3	1	2
	Computing & Business	2	3	1
	Computer Science	57	51	48
	Human Computer Interaction	2	2	3
	Information Systems	0	1	1
	Information Technology	15	18	20
	Undecided – Computing Sciences	2	2	4
	Web & Information Systems	1	1	1
<b>CCS Total</b>		84	79	80
<b>Newark College of Engineering</b>	Biomedical Engineering	98	89	89
	Civil Engineering	42	42	44
	Chemical Engineering	61	65	58
	Computer Technology	2	1	2
	Construction Management Technology	0	1	2
	Computer Engineering	23	25	23
	Electrical & Computer Engineering Technology	2	2	3
	Electrical Engineering	33	34	32
	Engineering Science	2	2	0
	Industrial Engineering	10	8	10
	Mechanical Engineering	65	64	65
	Mechanical Engineering Technology	1	1	0
	Medical Informatics Technology	1	0	0
	Undecided – Engineering	2	7	12
<b>NCE Total</b>		342	341	340

**College of Science and Liberal Arts**

Applied Physics	4	7	10	
Biochemistry	6	7	4	
Biology	145	138	107	
Biophysics	4	5	0	
Chemistry	3	5	6	
Communication & Media	1	2	0	
CSCI	0	1	0	
Environmental Science	0	1	0	
History	1	1	1	
Law, Technology & Culture	2	3	2	
Mathematics	28	27	26	
Science, Technology & Society	1	2	3	
Theater Arts	1	0	0	
Undecided – Science and Liberal Arts	2	3	4	
<b>CSLA Total</b>	198	202	163	
<b>School of Management</b>	Business	18	15	11
<b>SoM Total</b>		18	15	11
<b>Total Enrollment</b>		716	718	685

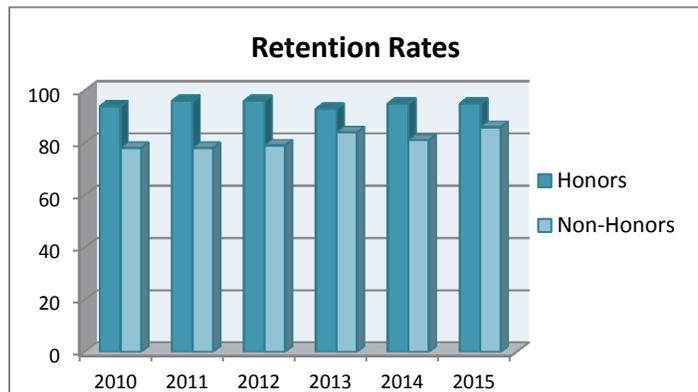
**Transfer Students**

Students who have proven themselves at NJIT or at another institution have the option to transfer into the Albert Dorman Honors College. Transfer students must have completed at least one full year of studies before applying. Applications for the Fall semester are consistently higher than applications for the Spring semester.



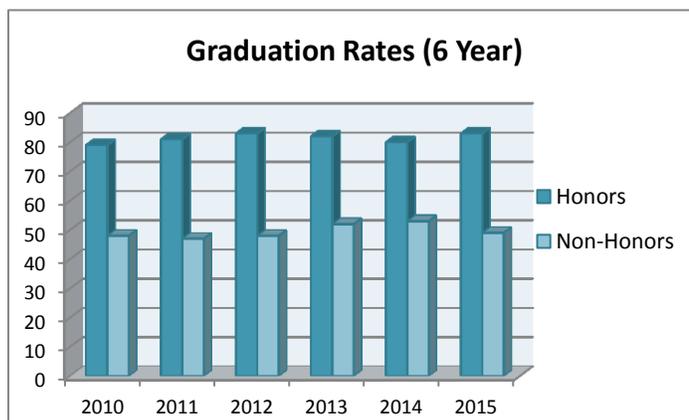
**Retention Rates**

Albert Dorman Honors College students are retained at a higher rate than students in the general university population. The average retention rate for Albert Dorman Honors College students is 95% for the time period 2010 - 2015. Retention rates for non-Honors NJIT students average 81% for the same period.



## Graduation Rates

Students in the Albert Dorman Honors College have a much higher graduation rate than the broader university student population, with approximately 81.3% of Albert Dorman Honors College students graduating within six years. The average six-year graduation rate for the university as a whole is 49.5%.

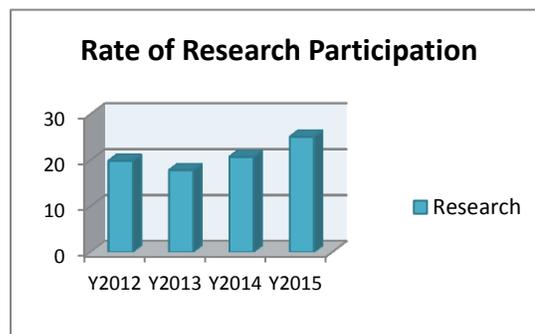


## Honors Scholar Self-Reported Data

Every year, Albert Dorman Honors scholars are invited to respond to a survey regarding their experiences at the Honors College and at NJIT. The following charts are based on an analysis of several years of Honors scholar self-reported data.

### Students Involved in Research

Based on student self-reported data, the percentage of undergraduate students taking part in research is increasing. In 2011, only 19% of students reported taking part in research; by 2015, this number had increased to 25%. This increase could be the result of NJIT's increased focus on research preeminence and support for undergraduate research through the Provost's Undergraduate Research Award program that provides funding for undergraduate student summer research.



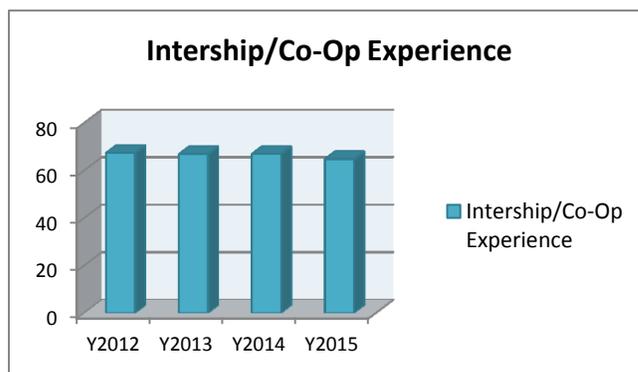
## Research Success Stories



**Monica Khattak '16**, an Albert Dorman Honors Scholar majoring in Biology, has conducted research for the past two years under the mentorship of NJIT Biology professor Eric Fortune, traveling to Ecuador over the summer to explore neurophysiology in the Amazon basin. Monica is also a member of the Pre-Health Society, Biology Society, Engineers Without Borders and the Emergency Medical Services Society. Read more about Monica at: <http://www.njit.edu/features/sceneandheard/scholarship-brunch-2015.php>

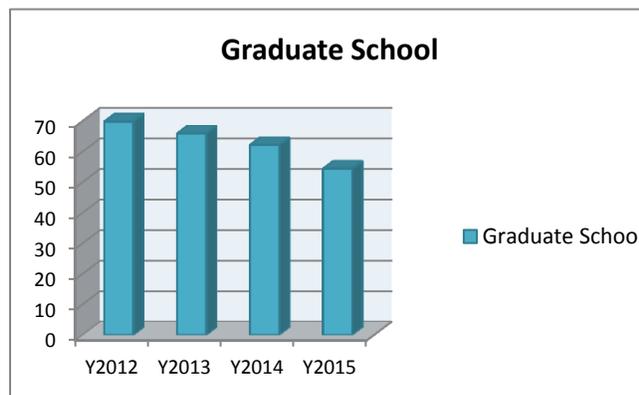
## Students Participating in Internships and Co-ops

Albert Dorman Honors College students were asked if they had completed or planned to complete internship or co-op experiences during their undergraduate studies. The graph indicates a slight decline in students undertaking these types of milestone experiences (from 67% in 2012 to 65% in 2015) although this could be in response to more students becoming involved in undergraduate summer research.



## Students Post-Graduation Plans

Students graduating from the Albert Dorman Honors College follow a number of paths upon graduation. While many obtain employment, others pursue advanced degrees or attend professional schools. Of the 120 Albert Dorman Honors College scholars who graduated in 2015 and completed the graduation survey, 55 (46%) were going to attend a graduate or professional school, 60 (50%) were beginning their careers, and 5 (4%) were taking a gap year or at least some time off immediately after graduation.



Of the 60 students who were beginning their careers, 36 students (60%) had already accepted positions in industry by the time of the survey (May 2015).

## Success Stories of Class of 2015 Graduating Seniors

### Three Graduates Go To ExxonMobil



In 2014, Exxon hired three graduates of NJIT, all of whom now work there as engineers. It was therefore no surprise when Exxon returned to NJIT in 2015 to hire three more graduates: **Victoria Leybova, Yohana Garcia, and Michael Scudiero.**

Immediately after graduation, these Albert Dorman Honors College scholars went to work at ExxonMobil, taking on challenging assignments and receiving high starting salaries. The

full article can be found at <http://www.njit.edu/features/student/exxon-2015.php>.

## Engineer Cruises from Lagos to Wall Street

**Folawiyo Campbell**, a Computer Engineering major from Lagos, Nigeria, was the recipient of the Madame Mau Outstanding Female Engineering Student award. She was selected for this honor not just for her academic achievement – in addition to her major, Folawiyo specialized in advanced computer systems and minored in Applied Mathematics – but for her “superb leadership qualities.” Most notably, as a peer mentor for the Department of Electrical and Computer Engineering (ECE), she has befriended and guided new students through the milestones of their first year. In 2014, Folawiyo won both the Albert Dorman Honors College Leadership and Service Award and the Newark College of Engineering Outstanding Contribution to Student Service Award. After graduating, she began work as a software engineer for the global investment firm Goldman Sachs. The full article about Folawiyo can be found at : <http://www.njit.edu/features/student/nce-salute-campbell.php>.



## Three Friends to Graduate with Great Jobs



Three Albert Dorman Honors College seniors – **Steve Greendyk, Jacob Nieuwenhuis, and Kevin Prol** – have been friends since kindergarten. These three friends attended the same elementary school and the same high school. After they graduated, they each applied to and was accepted at the Albert Dorman Honors College. At NJIT, they all picked the same major – Mechanical Engineering – and for the last four years, they’ve been inseparable. They’ve commuted together, studied together, taken classes together, and eaten meals together. After graduation, their paths diverged – each obtained a position in industry – but their friendship will always remain. The full article about these three students, can be found at <http://www.njit.edu/features/student/three-friends.php>.

## NJIT Grads Accepted at the Best Law Schools

**Gabrielle Rejouis** was accepted to Georgetown Law School with the goal of learning to use the law to promote social justice. Gabrielle loved studying History at NJIT because it gave her the freedom to take classes in the history of music, theater, and American culture as well as in science and technology. Said Gabrielle, “I’m going to Georgetown because I want to use the law to help people... I want to change laws or create laws that make society more just, more humane. Lawyers should not focus on making money. They should use the power of the law to change the legal system to help people.” The full article can be found at: <http://www.njit.edu/features/alumni/pre-law.php>



## Honors Program Requirements and Advising

In order to maintain their standing as Albert Dorman Honors College scholars, students must meet the following requirements every semester:

- Grade point average (GPA) – Cumulative GPA of at least 3.2. (Students in some accelerated programs must achieve a higher GPA as determined by their academic program.)
- Colloquia – attend at least two colloquia every semester
- Community Service – perform 15 hours of on-campus community service and 15 hours in service to the greater Newark community. (The 15 + 15 requirement was launched in Fall 2015; upperclassmen had the opportunity to opt-out and complete the original 15 hour requirement.)

## Course Requirements

Honors students are expected to complete 11 Honors courses in order to meet Honors College academic requirements. These courses fall into the groups described below.

Group	Number of Courses	Description
A	8 (4 for CoAD)	Any Honors course – includes major, minor (non-Honors) and graduate courses
B	1	Any Honors 300- or 400-level History, Philosophy, Literature, English, or Science, Technology and Society (STS) course; or MGT 390 or IE 492
C	1	Any Honors HSS 400-level course
D	1 (2 for CoAD)	Major-specific senior design capstone

## Impact of Learner-Centered Tracks on Course Requirements

Students undertaking alternative tracks (Research, Professional Development, or International) will be granted a reduction of required Honors courses from Group A commensurate with the length of the milestone learning experience.

## Research Track

As stated in its *2020 Vision* document, NJIT is committed to developing research preeminence both locally and globally. To encourage undergraduate student research, NJIT has launched programs such as the Provost's Undergraduate Summer Research awards and the Undergraduate Research and Innovation Student Seed Grants that supports two tracks: Innovation and Product Development (IPD) and Application-Based Research (ABR).

Within the Albert Dorman Honors College, a **Research learning track is proposed to encourage students to undertake a longer duration (at least two semesters) research project culminating in a publishable work.** In recognition of this effort, the students' Honors course requirements would be reduced by an amount commensurate with the length of the research experience. Several departments have already established guidelines and procedures for an Honors Undergraduate Research Thesis Project, including Biomedical Engineering, Information Systems, and Architecture. In addition, funds are being established to support undergraduate students undertaking research, including endowed scholarships for students conducting research and a fund to provide research materials or reimbursement for conference travel.

### Professional Development Track

The Albert Dorman Honors College offers a **Professional Development track that gives Honors scholars the opportunity to develop the skills necessary to become the leaders of tomorrow.** Within this track, students can undertake a more experience-focused curriculum that includes work with non-profit organizations or a more learning-based curriculum through a proposed Technical Leadership minor.

### International Track

Students in the Albert Dorman Honors College are strongly encouraged **to become global leaders through international learning opportunities.** The importance of such milestone learning experiences is reflected in the inclusion of an International option in the proposed Honors learning tracks. The recent study abroad experience of one Honors scholar is highlighted below.

### Study Abroad Experiences

In the Fall of 2013, Albert Dorman Honors College student **April Schuppel** embarked on a study abroad program in conjunction with Italy's Universita degli Studi di Parma and Universitat Politecnica de Valencia in Spain. This triple-degree program is open to Industrial Engineering, Engineering Management, or Mechanical Engineering students and is just one example of the many study abroad opportunities offered by NJIT.

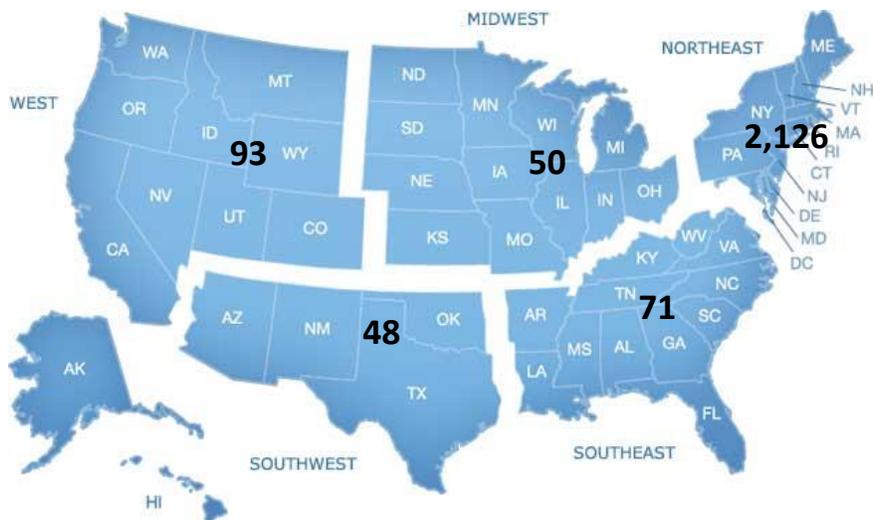


April spent her fall semester (August 2013 to January 2014) in Spain and her spring (from February through July) in Italy. Through her enrollment in the program, April received degrees from all three universities: a degree in Engineering Management in Italy, a Mechanical Engineering degree from the credits she earned in Spain, and a degree in Industrial Engineering degree from NJIT. The proposed International track encourages more Albert Dorman Honors College students to undertake these types of milestone

learning experiences through study abroad opportunities.

## Alumni and Development

The Albert Dorman Honors College has graduated 2,455 Honors Scholars since its creation in 1995. Prior to that, the Honors Program graduated 223 scholars. These alumni are found in leadership roles around the globe and across the spectrum of disciplines.



Through ongoing development efforts, Honors College alumni engagement has been increasing thanks to personal visits, regional meetings, alumni events, colloquia, and alumni networking events with our students. Our efforts in FY15 and into FY16 surround the Albert Dorman Honors College 20<sup>th</sup> Anniversary, beginning with the Alumni Ceremony and Freshman Retreat Barbeque on August 27<sup>th</sup>.

Number of attendees at this event: **76, of whom 43 were Honors College alumni**

Total raised through 20<sup>th</sup> Anniversary alumni appeal/with invitation: **\$981.00**

For the second consecutive year, outreach to Honors College graduating Seniors took place in the spring with the aim of introducing and building a culture of annual philanthropy. This was executed in an appeal to the Class of 2015 that was included in their Senior Banquet invitations. This appeal provided graduating seniors the opportunity to give online and/or at the event.

**26 members** of the class of 2015 made their first gift to the Honors College, with a majority of these donors giving \$20.15. **Donations from the Class of 2015 totaled \$603.75.**

We are grateful to alumni and friends who show their dedication to the Albert Dorman Honors College and academic excellence by supporting our programs through financial contributions or contributions of time and/or talent. We continue to look for future opportunities for alumni and others to volunteer their leadership and expertise by getting involved.

**Sean Duffy '95, Jennifer Guevara '04/MS '06, and Dr. Paul Pinho '96** of the Board of Visitors spoke at the August 27<sup>th</sup> Event. Honors College alumni speakers included **Karen Cilento '12** and **Katherine Uske '14/MS '15**. For more information about the 20<sup>th</sup> Anniversary event on August 27, please visit: <http://www.njit.edu/features/sceneandheard/honors-anniv.php>

Additionally, Board of Visitors member **Michael Smith '95** connected the Albert Dorman Honors College with a Hearst Human Resources recruiter to speak at a November 18, 2015 colloquium on Professional Development that is cosponsored with NJIT's Career Development Services (CDS).

Board of Visitors member **Richard Schatzberg MS '92** is the Chair of the Executive Dinner Committee for Celebration 2015.

Major gifts as of October 31, 2015:

- Elisabeth Schulte-Sweeney Endowed Scholarship: **\$30,250**
- Gilbert W. Glass Leadership Scholarship Bequest: **\$1,000,000**
- Frank Femino, MD '85 Endowed Scholarship for Research: **\$30,000** (over five years)
- Gowton Achaibar '86 Endowed Scholarship: **\$30,000** (over five years)

## Alumni Successes



Honors College alum **Michael Finley '09** is now an architect for Goldstein Hill & West Architects, where he focuses on designing high-rise residential buildings in New York City. He describes himself as a designer who relishes the cross-disciplinary nature of the field of architecture. Read more at: <http://www.njit.edu/features/alumni/michael-f.php>

**Margaret Christian '14** is in her second year at Columbia Medical School. Margaret graduated from NJIT with a perfect 4.0 GPA and was accepted at the top medical schools in the nation: Yale, Columbia, Albert Einstein, Jefferson Medical College, Rutgers New Jersey Medical School and Rutgers Robert Wood Johnson. Read more at: <http://www.njit.edu/features/alumni/margaret-c.php>



**Jeremy Carlo** graduated summa cum laude from the Albert Dorman Honors College in 2001 with dual degrees in applied physics and applied mathematics. He then received his Ph. D. in Physics from Columbia University. He is currently an Assistant Professor of Physics at Villanova University and is becoming known as a leading scholar in his field. Read more at:

<http://www.njit.edu/features/alumni/jeremy-c.php>

## Administration

In September, 2015, **Dr. John Bechtold** joined the Albert Dorman Honors College as the new Associate Dean. Dr. Bechtold joined the Department of Mathematical Sciences (DMS) of NJIT in 1995 as an Assistant Professor, was promoted to Associate Professor with tenure in 1999, and to Professor in 2008. He has served NJIT in various capacities, including Acting Chair of DMS, Associate Chair of DMS, the College of Science and Liberal Arts (CSLA) strategic planning committee, chair of the Middle States working group on educational outcomes, and he was a member of the New Jersey Department of Education task force on mathematics standards.

All members of the administration and staff of the Honors College appear in Appendix A of this document.

## Staff Research and Professional Activities

**Dr. Katia Passerini** (Dean) was selected to participate in the Fulbright International Education Administrators Program in France taking place in October, 2015. During 2015, Dr. Passerini published peer-reviewed papers in leading information systems and management journals (*Electronic Commerce Research*, *Journal of the Association of Information Science and Technology (JASIST)*, *Journal of Management Development*). She presented working papers at the International Council for Small Business in Dubai and acted as Placement co-chair for the Americas Conference on Information Systems (AMCIS 2015) in Puerto Rico.

**Dr. Shivon Boodhoo** (Director of Special Programs) presented the results of her efforts in integrating student records through Moodle, Banner, and DegreeWorks at the National Collegiate Honors Council Conference in Chicago in November, 2015. In 2015, Dr. Boodhoo published a peer-reviewed paper in *IIE Transactions on Healthcare Systems Engineering*.

**Dr. Regina Collins** (Associate Director of Writing, Communications, and Outreach) received her doctorate in Information Systems at NJIT's May, 2015 commencement ceremony. At the university's Convocation in September, 2015, she was awarded the Excellence in Instruction by a Teaching Assistant award. In July of 2015, Dr. Collins attended the National Collegiate Honors Council's Annual Reports and Program Review Summer Institute. During 2015, she presented a working paper at the Institute for Operations Research and the Management Sciences (INFORMS 2015) Annual Meeting and published three peer-reviewed papers in the Americas Conference on Information Systems (AMCIS 2015).

**Ms. Ivy Brown** (Administrative Assistant) was among the finalists for the 2015 National Collegiate Honors Council (NCHC) Award for Administrative Excellence. This award had over sixty applicants and was designed to honor the many administrative coordinators and assistants who have dedicated decades of hard work and commitment to ensure the standard of honors education is carried on.

## Board of Visitors News

The Board of Visitors of the Albert Dorman Honors College are an integral part of its success. All Board of Visitors members are listed in Appendix B; below, we highlight recent successes of two of our Honors College Board of Visitors members.

**Clifford M. Samuel, ME '88** and an Albert Dorman Honors College Board of Visitors member, was



recently promoted to Senior Vice President of Access Operations and Emerging Markets in the Corporate and Medical Affairs organization of Gilead Sciences, Inc. After several years within the U.S. commercial organization, Mr. Samuel joined the Access Operations and Emerging Markets group in 2007. Since that time, his team has worked to expand access to the company's HIV and HCV medicines and, as of today, patients in more than 130 developing countries are being treated with Gilead therapeutics as the team has worked to broaden agreements with generic manufacturers in India and South Africa. More information is available at: <http://www.njit.edu/news/2015/2015-200.php>

**Edward Schmeltz, ME '71** was named an Outstanding Alumnus by the Newark College of Engineering



and recently received the highest honor an engineer can receive: the Outstanding Projects And Leaders (OPAL) Lifetime Achievement award. Mr. Schmeltz is the foremost marine civil engineer in the country, the only one certified as a diplomate in four categories -- coastal, ocean, navigation and port engineering. Mr. Schmeltz graduated from NJIT in 1971 with a degree in mechanical engineering and is senior vice president and director of maritime and special projects at AECOM, one of the largest engineering design firms in the world.

## Appendix A – Albert Dorman Honors College Administration and Staff



**Dr. Katia Passerini – Dean.** Dr. Passerini guides curriculum and academic programs development, establishes strategic goals and reviews operational planning, and defines budgeting needs. She is also responsible for identifying new articulation and program opportunities as well as leading fundraising and external outreach efforts.



**Dr. John Bechtold – Associate Dean.** Dr. Bechtold implements curriculum and academic program changes and reviews Honors courses and learning outcomes. He also develops operational plans and defines guidelines for scholarship awards and serves as lead for internal outreach efforts.



**Dr. Dawn Klimovich – Assistant Dean for Academics.** Dr. Klimovich advises freshmen, sophomores, and juniors (non-accelerated) and develops the Honors College freshman experience through the Honors freshman seminar curriculum. She also directs Honors College transfer admissions and coordinates the Passing the Torch peer mentoring program.



**Ms. Lois Chipepo – Assistant Dean for Enrollment.** Ms. Chipepo oversees enrollment and awards and manages scholarships for existing and prospective students. She also creates and implements Honors student programs and activities.



**Dr. Shivon Boodhoo – Director of Special Programs.** Dr. Boodhoo advises and certifies seniors for Honors graduation and also recruits and advises students in the accelerated pre-health and pre-law programs. She coordinates nationally competitive fellowship initiatives and assists in standardization of Honors operational procedures and articulation agreements.



**Dr. Darshan Desai – Director, Pre-Health Programs.** Dr. Desai recruits and advises students in the accelerated pre-health programs and assists with articulation agreements for health-related professional schools.



**Dr. Regina Collins – Associate Director, Writing, Communications, and Outreach.** Dr. Collins develops and implements the Honors College’s strategic communication plan integrating traditional, digital, and social media and advises Honors College student publications including the Newsletter and the Technology Observer. She also identifies new undergraduate research opportunities and advises students on undergraduate research theses and publications. Finally, she coordinates and manages Honors colloquia.



**Ms. Alicia Fegghi – Assistant Director, Leadership and Professional Development.** Ms. Fegghi serves as leadership and professional development programs coordinator, including managing leadership-based internships and co-ops and developing corporate and non-profit networking for leadership and service opportunities. She also oversees service learning activities and community service as well as student engagement activities coordination and reporting.



**Ms. Janet Robertson – Director of Development.** Ms. Robertson focuses on alumni engagement and fundraising for scholarships and programs.



**Ms. Donna Sessoms – Senior Administrative Assistant.** Ms. Sessoms manages the Honors accelerated and transfer student applications, budgeting and requisitions, events management, and the Dean’s appointments.



**Ms. Ivy Brown – Administrative Assistant.** Ms. Brown manages Honors student applications, recruitment scheduling, and events management.

## Appendix B – Albert Dorman Honors College Board of Visitors

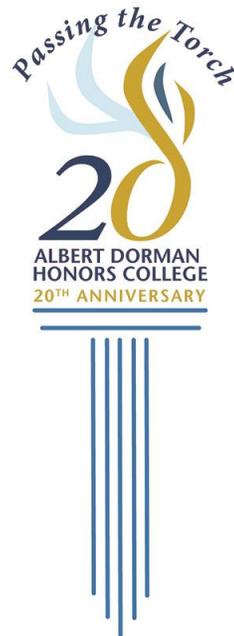
Current Board Members	
Dr. Joel S. Bloom President New Jersey Institute of Technology	Richard S. Bowles III, PhD ( <b>Emeritus, BOV Chair</b> ) Executive Vice President & Chief Compliance Officer (Retired) Merck & Co., Inc.
Kathleen Coutermarsh Senior Marketing Intelligence Analyst Keurig Green Mountain, Inc.	Albert A. Dorman, FAIA, '45, SC.D. (Hon) '99 Founding Chairman AECOM
Sean G. Duffy '95 HC Project Engineer Corporate Engineering Services FMC Corporation	Richard Garber, AIA Director, School of Architecture Associate Professor, College of Architecture & Design New Jersey Institute of Technology
Jennifer Guevara '04 HC, MS '06 Systems Integration Engineer Lockheed Martin	Daniel A. Henderson Sculptor and Inventor
J. Robert Hiller, FAIA Chairman of the Board The Hillier Group	Paul Kastner '73 ( <b>BOV Chair</b> ) Senior Vice President International and Strategic Planning (Retired) The Talbots, Inc.
Walter H. Kraft, D. Eng., P.E., '62, MS '65, PhD '75 President Walter H. Kraft & Associates, LLC	Aivars E. Krumins, P.E., '75 Vice President, Petrochemicals CB&I Lummus
Katia Passerini, PhD, PMP Dean, Albert Dorman Honors College New Jersey Institute of Technology	Dr. Paulo Bandeira Pinho '96 HC Physician PASE Healthcare, PC
Emily Piotrowski '99 HC Consultant Themis Analytics	Michelle S. Rassekh '99 HC Assistant General Counsel Topcon America Corporation
Clifford M. Samuel '88 Vice President, International Access Operations Gilead Sciences, Inc.	Richard Schatzberg MS '93 Chief Commercial Officer NeST Technologies, Inc.
Edward J. Schmeltz '71 Senior Vice President Director, Maritime and Special Projects AECOM	Michael E. Smith '95 ( <b>BOV Co-Vice Chair</b> ) Vice President, Revenue Platforms and Operations Hearst Digital Media
Robert Stickles, EdD, JD President/Principal Roselle Catholic High School	Joseph M. Sullivan '80 President Sullivan Financial Services
Dick Sweeney '82 ( <b>BOV Co-Vice Chair</b> ) Co-Founder and Vice President (Retired) Keurig Green Mountain, Inc.	

### Board Members Emeritus

C. Stephen Cordes '72 ( <b>Emeritus BOV Chair</b> ) Managing Director (Retired) Clarion Partners	Delon Hampton, PhD, P.E. Chairman of the Board & CEO Delon Hampton Associates
Satoshi Oishi Chairman (Retired) Edwards and Kelcey	Roberta Renard President & CEO (Retired) Renard Communications, Inc.

### Former Board Members

Peter Metz (deceased) President Metz Metallurgical Corporation	Peter Papanicolaou '87, MS '89 President JF Construction Services
Amy A. Pappas '87 CFO, Managing Director PineBridge Investments	



**Celebrating 20 Years of Excellence  
of the  
Albert Dorman Honors College**

We look forward to continuing and expanding this annual report on a regular basis.

To suggest changes or improvements, please contact

Dr. Regina Collins

[regina.s.collins@njit.edu](mailto:regina.s.collins@njit.edu)

**Albert Dorman Honors College**

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**Newark, NJ 07102**

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**Albert Dorman Honors College**  
**Class of 2015**