

ANNUAL REPORT ON GIVING | 2017



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For more information about the Annual Report on Giving or to learn more about how to support the MassBay Foundation, please contact Mary Shia at mshia@massbay.edu or 781-239-3123.



MassBay Community College
50 Oakland Street
Wellesley Hills, MA 02481

ANNUAL REPORT ON GIVING

JULY 1, 2016 - JUNE 30, 2017

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LETTER FROM THE PRESIDENT

Dear MassBay Friends and Supporters,

During my first few months, I learned quickly that MassBay Community College is a place of active discovery, where students not only further their academic passions and gain skills for a new career, but uncover the potential and promise in themselves.

Our students are wonderfully varied: recent high school graduates hoping to save money before they transfer to a four-year college or university; mothers returning to the classroom to show their children the importance of earning a college degree; and veterans reaping the benefits of the GI Bill after serving in the armed forces. Some are eager for a second chance to be the scholars they always imagined themselves to be.

Every day, I am deeply moved by the stories of how our students have benefited from a MassBay education, changing not only the trajectory of their lives, but of their entire family. I am also deeply inspired by how far our alumni go and who they become after they leave MassBay.

Their education at MassBay, as well as their path to a higher degree, would not be possible without friends and supporters like you. Your gift, no matter the size, has a tremendous impact. You help our students pay for tuition, textbooks, and necessary learning supplies. By giving, you remove obstacles and set them on a path to successfully complete their college degree.

On behalf of the entire MassBay community, thank you for your generosity of spirit, for your financial gifts, and for your commitment to investing in the future our students. Our students deserve no less.

With gratitude,



David Podell, Ph.D.
President, MassBay Community College



LETTER FROM THE FOUNDATION CHAIR

Imagine yourself as a single mom, or a returning military veteran, or as a suddenly unemployed person, or even a very inexperienced, unsure 18 year old. You apply for a job, but the positions you can obtain do not provide you with economic security, due to Massachusetts' high cost of living. Nor will it pay you enough to obtain a degree to improve your job prospects.

We can imagine because these people are our people. They are our dedicated students. That's where you and I come in.

The success story of MassBay is in the stories of each of our students. In this report, you will be inspired and challenged by our students to help as much as you can. With your assistance, the MassBay Foundation provides scholarships to support as many students as possible to improve their lives through education.

No matter what the size of your gift, any amount large or small, helps students with financial challenges. With your contribution, you can remove a barrier to educational betterment, such as the cost of a textbook that prevents a student from enrolling in a class.

For those of you who have already given to the MassBay Foundation, let me thank you so very much. For those of you considering a first-time gift, please think about the students we support. Their contributions to society are possible thanks to generous people like you. And without a doubt, we will be most grateful.

With continuing gratitude,



Kevin Kane
Chair, MassBay Foundation 2016-2017



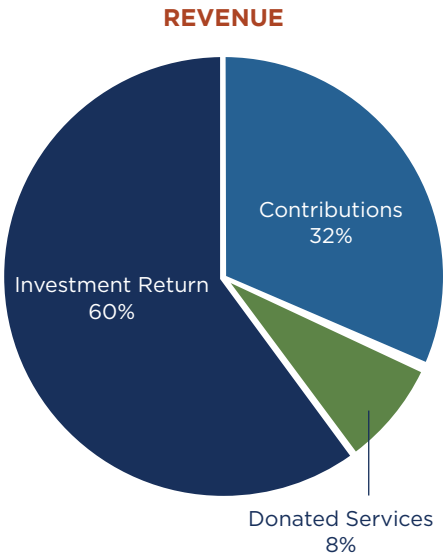


MASSBAY FOUNDATION

FINANCIAL SUMMARY

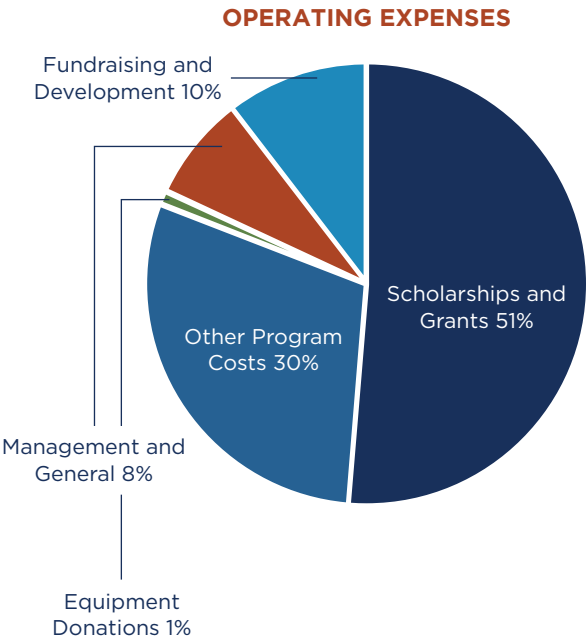
OPERATING REVENUE

| | |
|--------------------------------------|--------------------|
| Public Support | |
| Contributions | \$329,698 |
| Equipment donations | \$4,000 |
| Donated services | \$82,861 |
| TOTAL OPERATING REVENUE | \$416,559 |
| Other Revenue | |
| Investment return | \$627,752 |
| TOTAL REVENUE | \$1,044,311 |



OPERATING EXPENSES

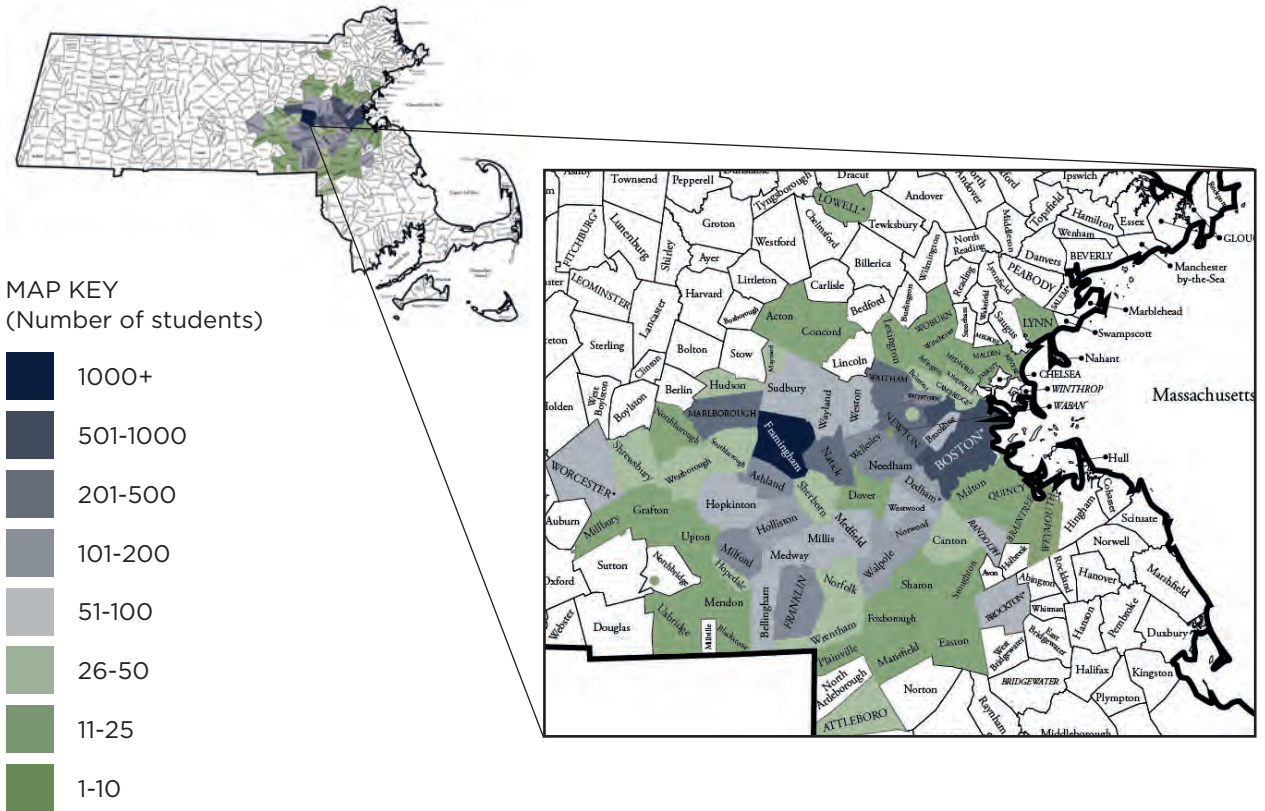
| | |
|---------------------------------------|------------------|
| Program Services | |
| Scholarships and grants | \$232,058 |
| Other program costs | \$133,754 |
| Equipment donations | \$4,000 |
| TOTAL PROGRAM SERVICES | \$369,812 |
| Management and general | \$35,133 |
| Fundraising and development | \$47,314 |
| TOTAL OPERATING EXPENSES | \$452,259 |



Figures are from the unaudited statement of activities, July 1, 2016 - June 30, 2017.

FACTS AND FIGURES

Map of students enrolled in credit-bearing courses: Academic Year 2016-2017



Top 5 Institutions where MassBay students have transferred (2016)

1. Framingham State University
2. University of Massachusetts Boston
3. University of Massachusetts Amherst
4. University of Massachusetts Lowell
5. University of Massachusetts Dartmouth

Employers where MassBay graduates reported working

Barnes & Noble
Bertucci's
Beth Israel Deaconess Medical
Center
Boston Children's Hospital
Braintree Rehabilitation Hospital
Bright Horizons
Comcast
CVS Pharmacy

EMC
Framingham Public Schools
Harvard Pilgrim Health Care
Hopkinton Police Department
Lexus of Northborough
Lifeworks Employment
Massachusetts General Hospital
McLean Hospital
MEDITECH

MetroWest Medical Center
Milford Regional Medical Center
Museum of Science Boston
New England Baptist Hospital
Newton Wellesley Hospital
SMOC
Spectrum Health Systems
UMass Memorial Health Care

MASSBAY FOUNDATION

DONORS

\$100,000 - \$149,999

Anonymous

\$50,000 - \$99,999

Sanofi Genzyme

\$25,000 - \$49,999

Herb and Maxine Jacobs
Foundation

\$10,000 - \$24,999

Anonymous
Timothy & Deborah Moore

\$5,000 - \$9,999

Blue Cross Blue Shield of
Massachusetts
Boston Scientific
Frederick & Denise Mayer
Towerwall, Inc.

\$2,500 - \$4,999

Vincent & Lorraine Cioffari
Herb Connolly Chevrolet
Middlesex Savings Bank

\$1,000 - \$2,499

Ashland Auto Show
Bernardi Auto Group
BOSE Corporation
Thomas M. Britt, Jr.
Paul Dumas
John C. Gassner
Carolyn Guttilla
Herb Chambers BMW
Stephen T. Hibbard
Daniel Juliani
Philip M. Juliani
Carolyn K. Lanzkron
Patricia Lassiter
James J. McKenzie, Esq.
David M. Podell, Ph.D.

Mason Tenaglia
Tine Feingold
Toyota of Nashua
Wagner BMW of Shrewsbury

\$500 - \$999

Craig Alexander
Balise Auto Group
Carole M. Berotte Joseph, Ph.D.
Best Chevrolet
Susan Bonaiuto, Ed.D.
Neil G. Buckley, Jr.
Colonial Auto Group
Booker T. DeVaughn
Edgerock Technologies
Jeannette A. Gerald
Carolyn Gould
Herb Chambers Chrysler Jeep
Dodge RAM of Millbury
David J. Himmelberger, Esq.
Courtney Jackson, Ph.D.
Paola A. Jones
Claudine Joseph
James C. Lehan
Lyon-Waugh Auto Group
Eve Marder
MassBay Transitional Scholars
Program
MassBay 5K Race
Heidi Monroy
Gary Murphy
John & Denise Murphy
Needham Bank
Thomas E. Peisch, J.D.
Diane Schmalensee
Mary Shia
Alberto Velez
Lydia Villa-Komaroff

\$250 - \$499

Anonymous
Robert Ayotte

Richard Bove &
Cynthia W. Lawton
Dean J. Campbell
Jonna R. Clayton
Edward Corbosiero
William Cushing
Peter DeCaro
Denali Delmar
Barbara DeSesa
Michael Donehey
Expressway Toyota
Helen Graham
Jim Haber
Home Depot, Gift In-Kind
Chitra Javdekar, Ph.D.
Neelu Johar
Kevin H. Kane
Beatta Kinz
John P. Lacava
Lexus of Watertown
Janine Lloyd
Long Cadillac
MassBay Alumni Council
Heidi Matonis
Brenda Mello
John Morris
Carmen Perez
Francis Pratt
Toyota of Watertown
Paul & Sharon Vitale

\$100 - \$249

Laura Anctil
Anonymous (2)
William Balaam
Rebecca Bermont
Kyle & Bridget Bettigole
Sylvia Beville
BJ's Wholesale, Gift In-Kind
Marina Bograd
Carol Boisen

MassBay Foundation Scholarships

The MassBay Foundation, together with private donors, awarded \$160,720 in scholarship money to 230 students during the 2016-2017 academic year at its biannual Donor Appreciation and Scholarship Awards events in March and October.

At the October event, 117 students received scholarships, and at the March event, 99 students received scholarships. These scholarships help students with tuition, books, and fees.

Among the students receiving scholarships were single parents, veterans, athletes, 4.0 students, first generation to college, health science students, and many more for whom the scholarships have made a MassBay education possible.



Jonathan Bower
Brigham-Gill Motorcars, Inc.
Chrysler Jeep Dodge
Karen Britton
Laura S. Brown
Eileen Buckham
Richard Burke
Robert W. Butt
Carole A. Calderon
Ron Calhoun
Robert J. Callaghan
Laurie Carlson
Rachel E. Casey
Chapdelaine Buick GMC

Charlotte Chase
Janet Chu Kulbersh
Elizabeth Cooper
Michael Davies
Susan Dee
Theresa Delgado
Carlos DelPino
Joseph B. DeSimone
Michael J. Dias
Agapito A. Diaz
Gary Donato
Patricia Eisenhauer, Ph.D.
FAS Corporation
Cynthia Fitzmaurice

Kevin Flynn
Richard Fontaine
Marie Fouche
James Fowlie
Kathleen M. Gallagher
Lee & Tina Gartley
Bridget Gassner
Demetrios S. Giannaros
Nicholas G. Grant
Linda Grisham, Ph.D., Gift In-Kind
Kathryn B. Harding
Maureen A. Healey
Brian Hurley
Lena Kalenjian

\$100 - \$249

Drago R. Kassabov
Jean Kinz
Kathleen Kirleis, J.D.
Eun Lee Koh
Joanna D. Krainski
Earl Lair
Tom & Tonya Largy
Terry Lemons
Suzanne Lenox
Robert Lonadier
Kara Lucciola, J.D.
Alexandra Maggioni
Erin Majernik
MassBay Athletics
Kathleen M. McCarthy
William Meany
Patricia A. Melnick
MetroWest Medical Center
Rosemary Murphy
Daniel C. Page
Karen S. Palmer
Thomas M. Powers
Peter & Suzanne Read
Red Sox Foundation
Nick Rhind
Ralph Robinson

Roche Bros., Gift In-Kind
Joan M. Roman
John Russell
Susan M. Salvi
Michael Santopietro
Karl W. Schlotterbeck
Rebecca Sendak
Christopher Stack
Marc Stanton
Jacquelyn Stathis
Susanne Steiger-Escobar
Jerry L. Stephenson
Bonnie Stevenson
Stewart
Adam Sun
Jennifer Thomas-Starck
Tosti's Service Center
Amy Vanderwal
Wendy Walsh
Patricia Washington
Wegmans, Gift In-Kind
Harry E. Wells, III
Sheila A. Whalen
Whole Foods Market
Jamie Wilson

\$1 - \$99

Deborah Abbott
Catherine M. Abraham
Jeremy J. Alaniz
Dexter Algusto
Katherine Altman-Merino
Valerie Amaral
Anonymous
Joseph O. Asaya
Inderjit Badwal
Julie Barker
Lorraine M. Barra
Joanne Barros
Kathryn Basch
Robert J. Beaudette
Kerry Bedard
Susan Behrens, Ph.D.
Kenneth A. Belmore
Ravindra P. Bhalla
Robert Bigelow
Kirsten Blackwill
Meg Blanchet
Elizabeth Blumberg, Psy.D.
Meredith H. Bohne
Kenneth D. Boyle
Dale C. Broholm
Carrie Brown

The Greater Boston Food Bank has partnered with MassBay Community College to deliver fresh fruits and vegetables at a monthly Mobile Market to students and members of the community in need.



Scholarship Recipient to Attend Boston University

Recent MassBay graduate **Dayomi Denoly**, who earned her Associate of Science degree in Business, will attend Boston University in Fall 2017 to pursue a bachelor's degree in Business. Ms. Denoly was a dedicated student, graduating with a 3.7 grade point average. For her ongoing academic success at MassBay, she was awarded a Merit - Most Improved Scholarship of \$500 from the MassBay Foundation. The Merit - Most Improved Scholarship is awarded bi-annually to up to 10 students in both the Fall and Spring semesters who have improved their grade point average from the previous semester.

A resident of Boston, Ms. Denoly graduated MassBay in May 2017. She is the first in her family to attend college and to graduate with an associate degree. Ms. Denoly looks forward to starting classes at Boston University this fall.

“Being a first generation college student there was a lot I had to figure out on my own, but I always knew it would be worth it in the end,” she said. “I wasn’t expecting this scholarship, but when I received the email saying I was eligible it definitely made me relax about paying for college and focus my attention on my school work. When you are awarded a scholarship because you have worked so hard, it really gives you a boost to keep going and keep improving.”

“When you are awarded a scholarship because you have worked so hard,
it really gives you a boost to keep going and keep improving.”
- Dayomi Denoly

\$1 - \$99

Marie C. Bruny
Ravindra & Asha Budhathoki
Alex Burinskiy
Eugene Canotal
Pamela Carr
Kathryn Chambers
Josh Cheney
John A. Christian
Catherine T. Coakley
Nancy N. Colatosti
Susan Colligan
Mary P. Collins
Craig Connolly
Elizabeth Cook
Katie L. Corbett
The Cottage Restaurant,
Gift In-Kind
Neidy Cuellar
Lauren M. Curley

Mary E. Curran
Amanda Curtis
Veda J. Daly
Lynne Davis, Ed.D.
Donald R. Delay
Kenneth Der
Hans Desrosiers
Laurie Diamond
Patrice Dodge
Kristin Donahue
Sheila Donlon
Jean Drew
Joan Duffer
Marcus Edward, Gift In-Kind
Judith P. Elliston, Ph.D.
Mary English
Juliet Fischmann
Catherine Flaherty
Michelle Foster
Marguerite Fouda

Mario & Silvia Franco
Michele Frost
Julie Gamble
Maritza Garcia-Castro, Ph.D.
John Gay
Deborah Georgopoulos
Gianna Gioioso
Peter Gleason
Wanda Gleason
Jeffrey L. Goldberg
Alan I. Goldman
Jovenal Gomes
Charles Gott
Henry J. Green
Janet Greenwald
Linda Grisham, Ph.D.
Eunice Groark
James Grumbach
Yuangang Gu
Ann Marie T. Harootunian

\$1 - \$99

Barbara Hatch
Joyce Hilliard
Jamie Hoag, J.D.
Lynn Hunter, D.Ed.
Lorie A. Hurst
Ethan & Annie Jacoby
Robert A. Jencks
Ranjana Jha
Marjorie Joseph
David Josselyn
Anderson Julio Auza
Valerie Kapilow
Gordana Katic
Barbara-Anne Kearney
Kevin J. Kelly
Kathleen Kenzerski
Garland Kincaid
Elizabeth A. Kinsman
Bernard Konowski
Ken & Karen Krowne
Donna Lally
Kathleen Lampert
Timothy Largy
Kermit W. Lehman
Lawerence T. Leone
Mark Lerman
Antonina N. Les
Elliott N. Levy
Arlene Lieberman
Francis J. Lovell
Bridget Madden
Paul Maggioni

Gwen Mann
Marathon Sports, Gift In-Kind
Mary Jo Marion
Daryl Mark
Susan Mason
Teresa Matias
Devin McLachlan
Robin McLafferty
Marysse F. Mesquita
MiAlisa Salon, Gift In-Kind
Eileen J. Michaud
Catherine Mirick
Corinne Montejo
Shamsi Moussavi
Stacey Mullins
Francis P. Mutrie
Elaine Noonan
Robert O'Connell
Vincent O'Connell
Richard S. Ong
Mary Ellen E. Osburn
Daniel Pace
Kristi Pance
Panera Bread, Gift In-Kind
Ellen H. Parsons
Sara Patey
Joseph Pauley
Jessica Paulino
James J. Pearl
Barbara A. Petersen
Margaret Petrovich
Reginald Pierre-Charles
Nancy L. Railsback

Karen Rostoker
Richard & Martha Rowland
Rita Rzezuski
Judy Sam
Robert Santosuosso
Robert P. Saro
Laura Scannell
Julie Schleicher
Michael A. Schofield
Nicola N. Scioli
Frances A. Segan, Ph.D.
Feby Sesar
Arthur A. Shabo
Amy Shultz
Carlos V. Silva
Patricia J. Simpson
Lisa Slavin
Clinton W. Smith
Shannon Smith
Catherin Smith Doucette
John M. Sullivan
Masarah Taktak
Phyllis Theermann
Kelly Y. Townsend
Diane Travers
Daniel S. Troderman
Elise S. Vokt
Rhian Waterberg
Louise M. Wilkes
Charles & Maria Young
Christine Youngren
Anne-Marie Zuchowski

MassBay Student Named Goldwater Scholar

Bernard Brown has been named a 2017 Goldwater Scholar by the Barry Goldwater Scholarship Foundation, the awarding body for the highest national undergraduate prize for Science, Engineering, and Mathematics. Mr. Brown is one of two community college students nationwide to be named a scholar this year by the prestigious foundation.

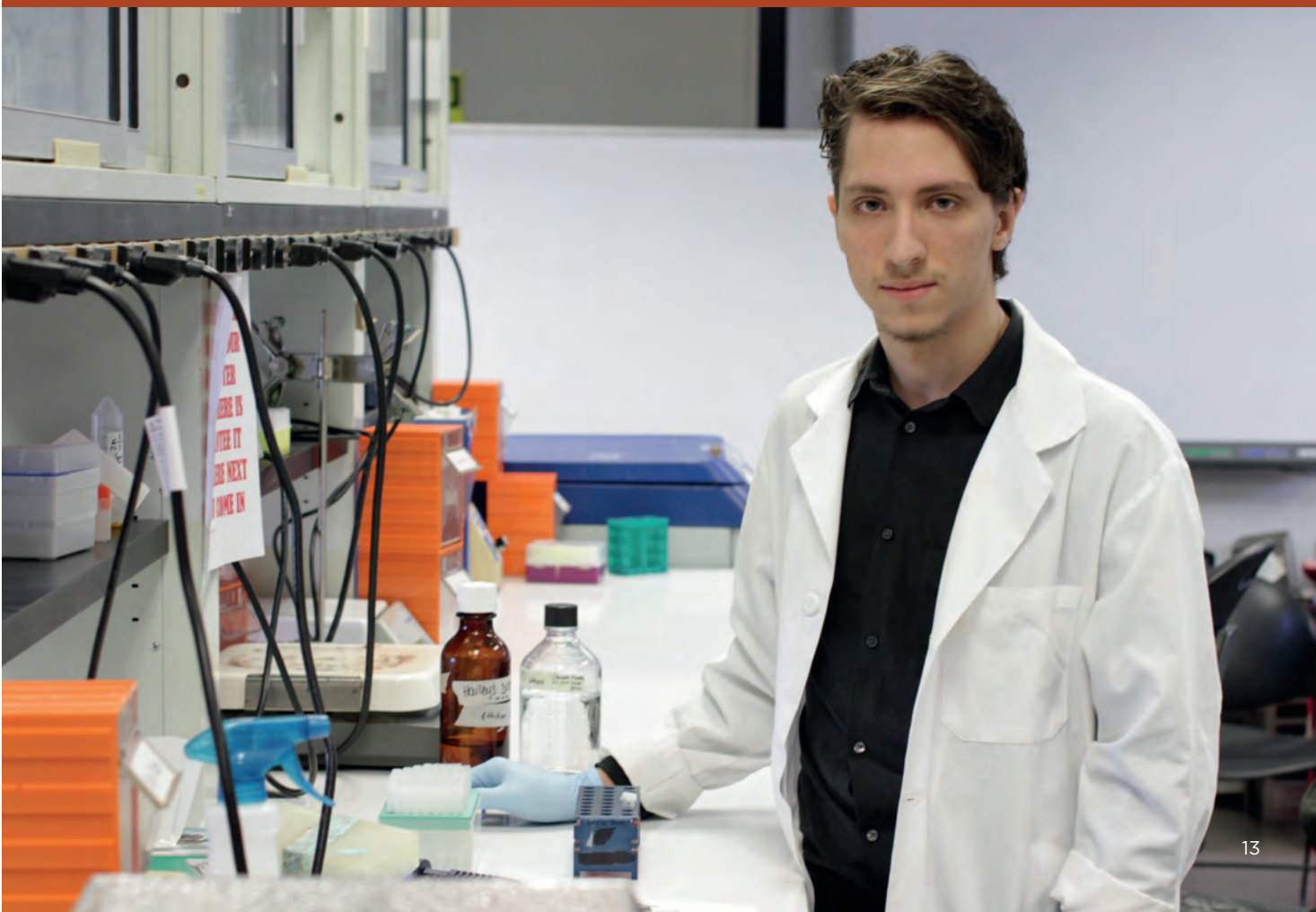
"Bernard Brown exemplifies the power of scientific inquiry and the importance of research-based education," said MassBay President **David Podell**. "This is not only an enormous distinction for Bernard, but also for our community."

A Westborough resident, Mr. Brown has served as a peer mentor, tutor, and teaching assistant for students in the Biotechnology program, encouraging peers to pursue advanced degrees and careers in the sciences. He has researched the venom of the Caribbean Red Lionfish,

as well as, worked collaboratively with Olaf Pharmaceuticals, exploring the 3D tissue models of the blood-brain barrier. After graduating in May, Mr. Brown will pursue further study in molecular biology. The late **Dr. Bruce Jackson** was his mentor.

"Being selected as a Goldwater Scholar is an incredible honor and it will support my chosen career path as a research scientist," said Mr. Brown. "This validates my love of fundamental science and rewards my academic research I have accomplished as an undergraduate. I am excited that my career will be contributing to the understanding and protection of biological systems."

MassBay has produced a total of 22 Goldwater Scholars, more than all of the other community colleges in the U.S. combined and more than many four-year institutions.





Graduates Shine at May 2017 Commencement



Left to Right: Christine Dufresne, Megan Grandolfi, Aprille Downey, and Alan Savill

MassBay Community College honored students at its 55th Commencement ceremony on Thursday, May 18 at the Wellesley Hills campus. Nearly 300 students participated, representing 45 countries. This talented group included five students who earned an Academic Excellence Award for graduating with a 4.0 grade point average. This award was given to **Aprille Dowey**, **Christine Dufresne**, **Megan Grandolfi**, **Alan Savill**, and **Jessica Wilson**. **Monica Signorino** received the Student Leadership Award.

Daisy Escobar of Waltham was awarded the Foster Furcolo Scholarship, named after Massachusetts' 60th Governor, John Foster Furcolo. Each year, one graduate from each community college in Massachusetts is awarded a Foster Furcolo two-year scholarship to attend the University of Massachusetts Boston. Ms. Escobar is also a recipient of the

One Family Scholarship. She plans to transfer to UMass Boston and pursue a bachelor's degree in Accounting.

Elizabeth Halliday of Medfield, a nursing student, won the Massachusetts Department of Higher Education's 29 Who Shine award. Westborough resident **Bernard Brown** was named a 2017 Goldwater Scholar by the Barry Goldwater Scholarship Foundation.

Norwood resident **Christine Sheehan** was awarded the Division of Health Science Award for her 3.87 GPA. She earned her Associate of Science degree in Radiologic Technology. She is the first in her family to earn a college degree and a single mother to a 14-year old son. Ms. Sheehan plans to work as a Radiologic Technologist in Boston.

Student Commencement Speaker: Lindsey Gaetani

Excerpts from Ms. Gaetani's Commencement Speech

I never intended to become a single mother, but that's the role that I assumed. Little did I know how hard that role would be.

At one, Cam was diagnosed with a chronic medical condition that would require ongoing treatment. It was not long after that Cam and I would find ourselves homeless, sitting in an office, desperately trying to get emergency housing. We bounced around from motels to couches, and even my car.


Things began to look up. I secured housing, a part-time job, and made a decision that would alter my path forever. I entered [MassBay's] nursing program in 2015.

Classes were tough and I had many sleepless nights doing homework once Cam was asleep. Three long years later, with an Associate Degree in Nursing, I am ready to take my boards and officially become a Registered Nurse. Going from a homeless single mother to a graduate and registered nurse seemed like a far-fetched dream. Many days, I cried.

Every day of your life, you will have to make choices that will shape your future. So choose to be more. Choose to be the best version of yourself you can be.

Choose to inspire others and yourself. Choose to keep going, especially in the moments where you want to give up. Choose to make changes, even when you are scared.

If you stumble, choose to dust yourself off and start over. Choose your own destiny, don't let circumstances define you, ignore the statistics, and remember... hard work does pay off in the end.



“If you stumble, choose to dust yourself off and start over. Choose your own destiny, don't let circumstances define you, ignore the statistics, and remember... hard work does pay off in the end.”
- Lindsey Gaetani

Alumnus and Boston Police Officer Delivers Commencement Keynote Address

MassBay Alumnus and Boston Police Officer **Jean JeanLouis '07** was the keynote speaker for the College's 55th Commencement this May. He was also this year's recipient of the Distinguished Service Award, which honors individuals for their advocacy and service to MassBay and the communities served by the College.

"It is a tremendous honor and privilege to be the 2017 MassBay Commencement speaker," said Officer JeanLouis. "I am truly humbled for the opportunity to return and provide a special message to this year's graduates. MassBay is an exceptional place, with exceptional people, which helped shape my career."

Officer JeanLouis immigrated to Boston from Haiti with his family when he was three years old. He dreamed of becoming a Boston Police Officer and giving back to the community. He graduated MassBay in 2007 with an Associate of Science degree in Criminal Justice before achieving a Bachelor of Arts degree in Criminal Justice at the University of Massachusetts Boston. He has worked for the Boston Police Department since 2007, serving in the Youth Violence Strike Force since 2012.

During his career, he has earned numerous commendations for going above and beyond the call of duty, including:

- 2016 Jeremiah J. Hurley Jr. Medal of Honor Award;
- 2014 Commonwealth of Massachusetts Governor's Citation;
- 2014 Boston Police Foundation Hero's Award;
- 2014 Boston Police John J. Mulligan Medal of Honor;
- 2013 Schroeder Brothers Medal, the highest commendation from the Boston Police Department;
- 2013 Boston Police Medal of Honor; and
- 2014 National Association of Police Organizations Top Cops Award for his heroism during the 2013 Boston Marathon bombing, awarded at a White House ceremony.



"It is a tremendous honor and privilege to be the 2017 MassBay Commencement speaker. I am truly humbled for the opportunity to return and provide a special message to this year's graduates. MassBay is an exceptional place, with exceptional people, which helped shape my career."

- **Officer Jean JeanLouis**

GRANTS AT MASSBAY

Boston Scientific Mentoring Program

Boston Scientific Corporation

To promote the academic success of students majoring in business, students are matched in one-to-one mentoring relationships with professionals working at Boston Scientific. Activities include forums, workshops, and an essay competition. **\$5,000**

Bridges to Baccalaureate

National Institutes of Health

The focus of this new five-year grant, in collaboration with University of Massachusetts Boston and two other community colleges, is to implement a 2- to 4-year degree pipeline in biomedical and behavioral concentrations among the institutions. The grant allows the colleges to identify and recruit underrepresented students to participate in facilitated study groups, tutoring, summer research, and other activities that support earning both associate and bachelor's degree. **\$125,000**

Commonwealth Dual Enrollment Program

Massachusetts Department of Higher Education

This grant supports the College's partnership with local school districts in providing high school students with free courses for which they earn both high school and college credit. Key program goals are to reduce achievement gaps, raise college awareness and readiness, and reduce the overall cost of attending college for underrepresented students. Along with classes, students receive mentoring, tutoring, books, and other supports. **\$30,000**

MassBay Leadership Ambassadors

Middlesex Savings Charitable Foundation

Through this grant, MassBay students are connected with employees from regional companies in mentoring relationships that help boost their academic performance and career readiness. Program activities include academic support, skills-oriented workshops, and networking and social events. The program is particularly beneficial to minority, immigrant, low income, and first generation students by offering resources they would otherwise be unable to access. **\$10,000**

Perkins IV Title I

Massachusetts Department of Elementary and Secondary Education

Perkins funding focuses on strengthening the academic, career, and technical abilities of students in programs aligned with workforce demand. The grant supports math and science interventions for MassBay students to better prepare them for entry into STEM and professional occupations. **\$106,927**

Skills Capital Grant Program

Massachusetts Workforce Skills Cabinet Executive Office of Education

The grant provides for the purchase of new equipment and technology to upgrade the College's automotive, electrical engineering, and nursing laboratories. This state-of-the-art equipment gives students the opportunity to learn on industry-aligned tools and instruments to develop the skills currently desired by regional employers. **\$318,547**

STEM Mentor Program

MathWorks

This community grant from a leading software development and engineering company supports STEM Mentor Program activities focused on robotics. Throughout the year, college and high school students participate in interactive workshops and competitions that increase their ability to design and operate robots. **\$2,500**

STEM Mentor Program

Sanofi Genzyme Corporation

This charitable gift for the STEM Mentor Program promotes structured and supportive mentoring between college students and STEM professionals. Program goals are to increase STEM student retention, increase the number of underrepresented students in STEM, provide access to professional networks and career information, and support students' development of soft skills, e.g., critical thinking, writing, and verbal communication. **\$40,000**

STEM Starter Academy Summer Program

Massachusetts Department of Higher Education

Through this grant, the College designs and implements a summer, math preparatory program for incoming STEM students. Students receive intensive, contextualized instruction and an orientation to academic and social aspects of college life; and participate in hands-on STEM activities and career-related workshops in advance of their first full semester. **\$50,000**

Student-Pathways Opening World Energy Resources (S-POWER)

National Science Foundation

This is a five-year grant, in partnership with Northeastern University, provides scholarships to underrepresented students in engineering and energy studies. The grant fosters engagement and collaboration through faculty learning communities, student advising and mentoring, faculty to faculty mentoring, curriculum sharing, and the development of recruitment and retention strategies geared to specific groups. **\$62,500**

Direct Care Workforce

Massachusetts Department of Higher Education

In partnership with University of Massachusetts Medical School and five other community colleges, the aim of this grant is to update and align curriculum and training for direct care workers across the state's healthcare workforce system. Activities supported by the grant include career latticing, leadership training, specific training for limited English speakers, and development of printed collateral and online resources. **\$41,801**

Sanofi Genzyme Awards MassBay \$40,000 for STEM Mentor Program

For the third consecutive year, Sanofi Genzyme has awarded \$40,000 to fund MassBay's Science, Technology, Engineering, and Math (STEM) Mentor Program. MathWorks, Sanofi, and the Massachusetts Department of Higher Education together fund the upcoming academic year's program.

MassBay's STEM Mentor Program has worked closely with Sanofi Genzyme employees to create a program that offers students one-on-one mentoring by industry professionals. The program nurtures STEM students' academic and career aspirations by providing supportive mentoring relationships and career-focused events and opportunities. More than 30 percent of program participants are low-income, people of color, first in their family to attend college, and/or female.

"It has been great to watch the STEM Mentor Program grow," said U.S. Head of Biopharmaceuticals Development at Sanofi Rebecca Sendak. "Employees within Sanofi Genzyme have really enjoyed engaging with the students and helping to enrich the next generation of scientists preparing for careers in STEM fields."

In spring 2017, the program had 80 student mentees paired with professionals from employers including Sanofi Genzyme, MathWorks, the U.S. Army Corps of Engineers, the U.S. Food & Drug Administration, and Winchester Analytical Engineering Center.

According to MassBay Marine Biotechnology student **Gabriela Faria**, "Having someone to talk to about what steps to take next in my career and what may be the best way to achieve my goals has been essential. Through my mentor, I have had the opportunity to observe her work, receive one-on-one guidance about career paths in biotechnology, and learn new techniques in greater detail."



Massachusetts Capital Skills Grant

MassBay Community College received a Massachusetts Skills Capital Grant to purchase technology to simulate real-world events for student learning. A new Dynapack dynamometer will better train automotive technology students in auto performance by simulating a variety of conditions without driving vehicles. It will be used in the automotive labs starting in Fall 2017.

The Dynapack dynamometer is a two-part system that attaches to wheel axles and can simulate a rolling road environment while stationary. This equipment will be utilized by students for the fundamental training of how the drivetrain operates in all car systems, such as the engine management controls, transmission, axles and differentials, and emissions management.

Faculty are developing new curriculum using live testing to give students a more realistic performance testing environment.

This dynamometer provides an in-depth understanding and practical demonstrations and tests that otherwise would be theoretical. This custom built dynamometer is compatible with all vehicles that students work on in the automotive technology labs.

The College also purchased a full-term “pregnant” simulator mannequin for nursing, EMT, and paramedic students to practice labor and delivery situations. The Skills Capital Grant Program was created legislatively to increase the capacity and quality of vocational training and education by providing funds for the purchase and installation of equipment that would support vocational and technical training.

The program’s goal is to facilitate training of high-quality career pathway programs that align with regional economic and workforce development priorities for in-demand industries.

MassBay President **David Podell**, with Director of Grants Development **Laura Soul Brown** and Dean of STEM **Chitra Javdekar**, accepted the grant from Governor **Charlie Baker**, Secretary of Housing and Economic Development **Jay Ash**, and Secretary of Labor and Workforce Development **Ronald L. Walker** at the award ceremony.



GRANTS AT MASSBAY

Guided Pathways to Success in STEM (GPSTEM) Navigator

Massachusetts Community Colleges Consortium

United States Department of Labor
College and Career Navigators collaborate with the state's workforce system to recruit dislocated and underemployed workers into STEM certificate and degree programs that will lead to employment. **\$202,522**

Guided Pathways to Success in STEM (GPSTEM) Project

U.S. Department of Labor

MassBay is in year 3 of a consortium Trade Adjustment Assistance Community College & Career Training grant to increase STEM industry-aligned degree and certificate attainment by underemployed, low income, and underrepresented students. The grant supported the College in developing or enhancing twenty-four degree and fifty-eight certificate programs in science, technology, and health disciplines. **\$525,000**

iCREAT: Introduction to Coding, Robotics, Electronics, And Technology

National Science Foundation

Through this multi-year pathway to middle-skill positions grant, MassBay and Boston College faculty have collaborated to develop an interdisciplinary course sequence that exposes high school juniors, seniors, and community college students to computer science, robotics, electronics, and mechanical engineering. Participants are closely guided and mentored through earning a certificate or degree. **\$891,414**

An Integrated Approach to Creating STEM Career Pathways

National Science Foundation

Faculty from the College's STEM division have collaborated with Boston College faculty from the School of Management and Lynch School of Education to develop a coordinated set of activities meant to engage underrepresented high school students in pursuing STEM careers. The grant supports teacher training, Summer Bridge programs, student recruitment, mentoring, and internships. **\$178,810**



M-STEM Scholarship for Science, Technology, Engineering, and Math

National Science Foundation

This was the final year of a 5-year grant to provide merit-based scholarships to STEM students in various disciplines. This support allows the College to offer scholarships, faculty and peer mentoring, career awareness activities, and research opportunities to underrepresented students. Annually, twenty scholarships are awarded. **\$347,050**

STEM Starter Academy

Massachusetts Department of Higher Education

Initiatives supported by this grant focus on building the STEM pipeline, mentoring, tutoring, and engaging industry through internships, speaker series, workshops, advisory boards, and events. **\$225,000**

TRANSFORM

National Science Foundation

This was the final year of 3-year Advanced Technological Education grant through which MassBay and Northeastern University faculty collaborated to create an innovative program model that would allow liberal arts graduates to switch their career focus to advanced manufacturing. Two certificate programs, featuring summer boot camps and internships, were created and implemented as a result of the grant. **\$199,996**

MassBay Dean Runs for Scholarships

Sue Maggioni, J.D., Dean of Business and Professional Studies, ran the 2017 Boston Marathon to raise scholarship funds for MassBay students.

Dr. Maggioni, who has been at the College since 2011, has been an avid runner her whole life. This was the second Boston Marathon and the fourth marathon she has successfully finished. She ran on behalf of the MassBay Foundation, with 100 percent of the donations going directly to student scholarships.

“Running a marathon is a journey, not just a race,” said Dean Maggioni. “It takes hard work, discipline, and dedication. But so too does getting an education. For so many students at MassBay, getting an education means sacrificing time with family, working extra jobs, and struggling through barriers. I am amazed at the achievements of our students every day and am proud to be a part of their success.”

A resident of Wellesley, Dean Maggioni enjoyed running through all three towns that have MassBay campuses: Ashland, Framingham, and Wellesley Hills. She raised a total of **\$9,261** for scholarship awards.



MassBay Student Participates in Warrior-Scholar Project at Cornell University

MassBay student veteran, **Charles Santamaria** was accepted into the Warrior-Scholar Project, attending the week-long program at Cornell University. The Warrior-Scholar Project (WSP) is a non-profit organization providing a skill bridge that enables a successful transition from the battlefield to the classroom. The goal is to increase the confidence veterans need to successfully complete a rigorous four-year undergraduate program.

Mr. Santamaria began classes at MassBay in the fall of 2016 after completing his tour in the United States Marine Corps. He is very involved in campus life at MassBay, serving as President of the Student Government Association, an Orientation Leader, and a MassBay Veterans Club representative. He is also the first MassBay veteran accepted to the WSP program, which hosted 250 student veterans nationwide. He is a first generation American as well as a first generation college student.

“As a veteran of the United States Marine Corps, I am excited to be accepted and participate in the Warrior-Scholar Project at Cornell University,” said Mr. Santamaria. “Attending MassBay has made a smooth transition from the military possible and has provided me with a solid foundation for my academic career. This program creates a tremendous opportunity for veterans and I know my time at Cornell University will contribute to my level of readiness for transfer to a 4-year university and possible changes I might face in the future.”

MassBay currently enrolls more than 140 veteran students each semester and has been recognized for its veteran-friendly policies and veteran-friendly campus by the Military Advanced Education Guide to Colleges and the Military Times' Best for Vets Colleges.

“Attending MassBay has made a smooth transition from the military possible and has provided me with a solid foundation for my academic career. This program creates a tremendous opportunity for veterans and I know my time at Cornell University will contribute to my level of readiness for transfer to a 4-year university and possible changes I might face in the future.”
- **Charles Santamaria**



MassBay Welcomes Victoria® and Baby Madison

The Nursing and Emergency Medical Services Departments welcome Victoria® and Baby Madison!

The Massachusetts Skills Capital Grant awarded to MassBay not only funded a Dynamometer for the Automotive Technology Program, but also funded the purchase of a Victoria® Advanced Birthing and Neonatal simulator mannequin. The simulator trains nursing, emergency medical technician (EMT), and paramedicine students in labor and delivery situations. College faculty will use the simulators as part of their classroom instruction beginning this fall.

Victoria® is a full-term adult female simulator with an abdomen that firms with every contraction. Inside is baby Madison, an unborn fetus floating inside an amniotic sac, providing tactile feedback

and resistance consistent with a real-life birth. It is a completely wireless patient simulator, able to be transported to different settings and locations. Victoria's® versatility allows a continuous event flow for students to train for first response to patients in labor and delivery, transportation to hospital operating rooms, and team training in triage and team hand-offs.

Victoria® and Baby Madison will provide a more life-like learning experience for students. The innovative features, including mimicking human physiology, allow students to monitor vital signs and fetal heart tones using medical equipment to identify possible distress. Victoria® and Madison's programmable designs ensure students can interpret critical information and follow protocols in an array of scenarios that are true to life.

Dean of Health Sciences **Lynne Davis** shows off Victoria and Baby Madison, simulator mannequins that will help nursing and EMS students learn about labor and delivery.



Men's Basketball Wins NJCAA Regional Championship

MassBay Buccaneers captured the 2017 NJCAA Region XXI Championship title by beating the top-seeded Bunker Hill Bulldogs, 74-71 this winter, earning the chance to compete for a national title at the NJCAA Division III Championship tournament. At the national competition, the Buccaneers won two games, but fell to the No. 1 seed Anoka-Ramsey of Minnesota.

Winning the regional title and being named the New England Coach of the Year guaranteed that Coach **Bill Raynor** would retire from coaching on a high note. The College's Athletic Director and Men's Basketball Coach announced earlier this year that he would step down from full-time coaching after 12 years at the team's helm and a 42-year-career as a college basketball coach.

"I can't express how satisfying it is to go out winning our fourth regional New England championship in my final season as a coach," Coach Raynor said. "This team plays as hard as any team that I have coached. They have persevered through a number of adverse situations throughout the season. I hope our players will enjoy the experience of advancing to the national championships. It is something they will always remember and always share."

Under Raynor, MassBay Men's Basketball had previously earned the regional titles in 2009, 2011, and 2013. The team placed fifth in the nation and finished with the highest rank in MassBay history.

"Our MassBay Buccaneers played magnificent basketball this weekend under the masterful coaching of Bill Raynor," said MassBay President David Podell. "My heartfelt congratulations to the coaches and the team. This was a fantastic way to end the regular season."

"I can't express how satisfying it is to go out winning our fourth regional New England championship in my final season as a coach."
- Coach Bill Raynor



They Shoot, They Score, They Win!

BASKETBALL

Congratulations to the Men's Basketball team, which captured the New England Regional championship for the fourth time in nine years and advanced to the National Championships. They finished fifth in the nation!

Kameron Jimenez-Fox was not only MassBay's all-time scoring leader, but he was named to the First Team All-American. He is only the second MassBay student-athlete to be so honored. Kameron was also named to First Team All-New England, scoring 21.2 points per game, and earning the most in rebounds at 14.4 per game.

Kyle Jimenez-Fox was named to the Second Team All-New England, scoring an average of 13.5 points per game, and leading the team in assists (7.6 on average) and steals (3.3 on average).

Zack Lebowitz was named to the Second Team All-New England, averaging 12.3 points per game, 6.2 assists, and 1.6 steals.

Colin Myers received an Honorable Mention All-New England, averaging 10.6 points per game.

GOLF

Nick Barber became only the second MassBay golfer to qualify for the Nationals. He was also named to the First Team All-New England.

SOCCER

Rog Allingham was named to the First Team All-New England.

Alex Dulphe was named to the First Team All-New England.

Eric Verdu was named to the Second Team All-New England.

BASEBALL

Justin Davis was named to the Second Team All-New England.

Jeff Diauto, Josh Pena, and Mike Dixon received Honorable Mentions.





Men's Basketball Team captures the NJCAA Region XXI Title.



Basketball players, from left to right:
Kameron Jimenez-Fox, Kyle Jimenez-Fox,
Zack Lebowitz, and Colin Myers

Bottom: MassBay Golfer, Nick Barber



AUTOMOTIVE TECHNOLOGY INTERNSHIPS

Acton Chrysler Dodge Jeep Ram

Acton Toyota

Baker Cadillac, Inc.

Bernardi Toyota

Best Chevrolet, Inc.

Bill DeLuca Chevrolet-Cadillac, Inc.

BMW of Norwood

Brigham-Gill Chrysler Jeep Dodge Ram

Burke-Whitaker Cadillac GMC Truck, Inc.

Central Jeep Chrysler Dodge RAM of Norwood

Colonial South Chrysler Jeep and Dodge

Copeland Toyota of Brockton

Expressway Toyota

Good Brothers Dodge & Ram

Harr Chrysler Jeep Dodge

Harr Toyota

Herb Chambers BMW Boston

Herb Chambers BMW Sudbury

Herb Chambers Chrysler Dodge Jeep Ram Fiat
of Danvers

Herb Chambers Chrysler Dodge Jeep Ram
of Millbury

Herb Chambers Lexus of Sharon

Herb Chambers Toyota of Auburn

Herb Chambers Toyota of Boston

Herb Connolly Chevy Co., Inc.

Imperial Chevrolet

Imperial Chrysler Dodge Jeep Ram

Ira Lexus of Danvers

Ira Toyota of Manchester

Kelly Jeep Chrysler

Lannan Chevrolet of Woburn, Inc.

Lexus of Northborough

Lexus of Watertown

Newport Chrysler Dodge Jeep Ram

Prime Toyota of West Roxbury

Quirk Chevrolet

Robertson's GMC Truck, Inc.

Ron Bouchard Chrysler Dodge Ram

Rose's Automotive

Toyota of Dartmouth

Toyota of Nashua

Toyota of Watertown

Tracy Motors, Inc.

Tulley BMW

Wagner BMW

Wellesley Toyota

Westborough Buick GMC



President's Scholars Scholarship

President's Scholars Scholarship recipient, **Alana Ranney** of Framingham, graduated in May 2017 with an Associate of Arts in General Studies. The President's Scholars Scholarship is awarded to academically-superior high school seniors who matriculate at MassBay. The \$2,500 scholarship is given annually to two students for four consecutive semesters. To be eligible, students must maintain a minimum GPA of 3.0, while continuing to be enrolled in at least 12 credits. The scholarship may be used for tuition, mandatory fees, tools, and books.

Ms. Ranney entered MassBay in the fall of 2015 after graduating Framingham High School. She had kept her GPA above a 3.0 every semester and received the scholarship all four semesters. She graduated with a 3.6 grade point average.

"This scholarship means everything to me," said Ms. Ranney. "It provided me with an education I otherwise would not have been able to afford. This scholarship also gave me the courage and motivation to continue my education. I was able to focus on my schoolwork without having to work long hours to pay for school while attending school full-time. This scholarship has been such a blessing in my life and impacted my future in the best way possible."

Ms. Ranney is the first in her family to complete college, obtaining her associate degree. She is currently a full-time nanny while attending Worcester State University to pursue her Bachelor of Arts degree in Liberal Studies.

"This scholarship means everything to me: It provided me with an education I otherwise would not have been able to afford."

- Alana Ranney



BUSINESS & PROFESSIONAL STUDIES

INTERNSHIPS

Hospitality Program Internships

Catania Hospitality Group, Cape Cod
Courtyard by Marriott, Natick
Crowne Plaza, Natick
Crowne Plaza, Newton
Embassy Suites, Waltham

International “Nanny” Exchange, Cambridge
Lewis’s Restaurant and Catering, Norwood
Mass Pools, Cambridge
McDonalds, Framingham
National Amusements, Chestnut Hill
Pearl ADHC, Boston

Charley Haskins Presents at National Conference

Liberal Arts major **Charley Haskins** of Southborough was the only community college student last year selected to present at the 39th Annual Conference of the Organization for the Study of Communication, Language, and Gender (OSCLG) in Illinois last October. The OSCLG invites academics and artists to talk about subjects that are often overlooked, disregarded, or deemed taboo in society.

Mr. Haskins wrote a paper on “Transcending Labels” for his Intercultural Communication course with Dr. Debbie London. He joined an international panel entitled, Gender, Language, Discourse, and Social Interaction along with scholars representing Jagiellonian University, University of Louisville, Purdue University, and Denison University.

“Having any student submit a paper at such an early stage in one’s academic journey is not at all usual,” said Dr. London. “For a community college student paper to not only be submitted but accepted blindly into a conference of this caliber is a rare occurrence. This is a huge step forward in his academic journey as well as it being a great reflection on MassBay.”

“Transcending Labels” explores the ways in which we view, categorize, and communicate about gender, sex, and sexuality. The paper discusses the scope of the Lesbian, Gay, Bisexual, and Transgender (LGBT) community, examining the use of the term LGBT and considers the eradication of labels that minimizes marginalized groups of people.

Before his presentation, Mr. Haskins stated “I will get to share ideas about gender, sex, and sexuality that are not often talked about. I will share the words of others that wouldn’t otherwise be heard, and I will make my third public speech about gender since the start of my communication studies.”



Elizabeth Halliday Awarded “29 Who Shine”

Associate of Science Nursing student **Elizabeth Halliday '17** has been selected as MassBay's representative for the Massachusetts Department of Higher Education's (DHE) "29 Who Shine" award. The DHE launched this awards program to recognize 29 outstanding student graduates from the Commonwealth's public higher education system. Each honoree from a community college, state university or University of Massachusetts campus is nominated by a faculty or staff member, or by a university awards committee.

"Elizabeth has made good on Massachusetts taxpayers' investment in her education," stated Carlos E. Santiago, Commissioner of Higher Education.

Ms. Halliday had always been interested in the healthcare field and quickly learned that she was at her best while caring for others. While attending MassBay, Elizabeth became President of the MassBay Nursing Club, and rejuvenated

and transformed student members into a true service-oriented group. The Nursing Club has held blood drives for the Red Cross and clothing drives for the Epilepsy Foundation. After graduating this past May, she plans on becoming a Registered Nurse and pursuing her Bachelor of Science in Nursing.

"I am honored to be recognized as one of the 29 Who Shine, but this award is because Professor **Joyce Brazee** is a superwoman," said Ms. Halliday, honoring her mentor and advisor. "She teaches in a way that makes everything come alive and stick with you. It's because of her that I realized that I want to become a nurse educator, so I can give back to others who may someday want to become nurses."

Ms. Halliday and 28 other students were recognized by Governor Charlie Baker at an Awards Ceremony and Reception at the Massachusetts State House on May 5, 2017.

"I am honored to be recognized as one of the 29 Who Shine, but this award is because Professor Joyce Brazee is a superwoman. She teaches in a way that makes everything come alive and stick with you. It's because of her that I realized that I want to become a nurse educator, so I can give back to others who may someday want to become nurses."
- Elizabeth Halliday



HEALTH SCIENCES INTERNSHIPS

| | |
|--|---|
| Armstrong Ambulance | Milford Regional Medical Center |
| Beaumont Rehabilitation & Skilled Nursing Center - Northborough, Westborough | New England Baptist Hospital |
| Beth Israel Deaconess Medical Center (BIDMC) - Boston, Milton, Needham, Plymouth | NewBridge on the Charles (Hebrew Senior Life Affiliate) |
| Bethany Healthcare Center | Newton Wellesley Hospital |
| Brigham and Women's Hospital - Boston, Foxboro | Newton Wellesley Orthopedics |
| Cataldo Ambulance Service, Inc. | SMOC (South Middlesex Opportunity Council) - Headstart |
| Charles River Medical Associates | Spectrum Health Systems, Inc. |
| Clark House at Foxhill Village | St. Patrick's Manor |
| Community EMS, Inc. | St. Vincent Hospital |
| CuraHealth Boston, LLC | Steward Good Samaritan Medical Center |
| Faulkner Hospital | Steward Holy Family Hospital |
| Golden Living Center | Steward Norwood Hospital |
| Harbor Medical Associates | Steward St. Elizabeth's Medical Center |
| Health Alliance Hospital | Sturdy Memorial Hospital |
| Hebrew Rehabilitation Center/Hebrew Senior Life | Sudbury Pines Extended Care |
| Heywood Hospital | Trinity Emergency Medical Services |
| Lahey Hospital and Medical Center | Tufts Medical Center |
| Landmark Medical Center | U-Mass Memorial Medical Center |
| Lowell General Hospital | VA Boston Healthcare System |
| Marlborough Hospital | VA Hospital - Jamaica Plain |
| Maryann Morse Rehabilitation | VA Hospital - West Roxbury |
| Massachusetts General Hospital | Webster EMS |
| Memorial Hospital of Rhode Island | Westwood Fire Department |
| MetroWest Medical Center - Framingham Union Hospital & Leonard Morse Hospital | Winchester Hospital Outpatient Offices - Medford, Winchester, Woburn |
| MetroWest Medical Center Outpatient Offices - Framingham, Franklin, Milford, Medway, Natick | Wingate at Sudbury |



MassBay and Framingham State Form RN to BS in Nursing Partnership

Framingham State University and MassBay Community College announced a new partnership that provides MassBay students who earn their Associate Degree in Nursing with seamless admission into Framingham State's nursing program to complete their bachelor's degree.

The "RN to BS in Nursing" Program aims to streamline the process for students to earn their bachelor's degree in a field that is facing a large shortfall in qualified job applicants due to retirements.

"We are excited for this partnership and the educational opportunities this will provide our students," said MassBay Director of Admissions and Recruitment **Alison McCarty**. "We have been flooded with interest in our nursing program from applicants who have noticed our strong license exam pass rates and have heard about our concept-based instruction designed for adult learners who thrive with experiential learning.

Having this partnership in place will assist our students to earn their Bachelor of Science in Nursing and strengthen the local medical community."

"This partnership is a great opportunity for MassBay nursing students to take advantage of the rich resources of the University while still at the community college, such as program-specific academic advising and library access," says Dr. Susan Mullaney, professor and chair of the Framingham State Nursing Department.

The Massachusetts Department of Higher Education is working directly with the Massachusetts Health and Hospital Association to help prepare qualified employees to take over for an influx in retiring nurses. The "RN to BS in Nursing" program aligns with the department's efforts to streamline the educational pipeline for a quicker achievement of degrees.



MassBay Students Awarded One Family Scholarships

Last fall five students were selected for the One Family Scholars program by One Family Inc. of Waltham. These scholarships are awarded to Massachusetts low-income single parents enrolled in Associate or Bachelor degree programs at colleges and universities.

The students receiving scholarships were:

- **Daisy Escobar** of Waltham studying Accounting
- **Crystal Farrell** of Marlborough studying Hospitality Management
- **Melisar Nambatya** of Framingham studying Human Services
- **Danielle Ramos** of Framingham studying Surgical Technology, and
- **Patricia Bonanno** of Ashland graduated in May with an associate degree and is currently studying nursing at Worcester State University.

“The five Scholars who were selected from MassBay came from one of our most diverse and talented applicant pools in years,” said One Family’s Director of Programs Matthew Miller. “I think it speaks volumes about the kind of students MassBay attracts and the incredible work these students have done to make it this far in their education. We at One Family are looking forward to supporting their continued success.”

One Family aims to prevent homelessness and break the cycle of family poverty in Massachusetts by promoting pathways to economic independence through advocacy, education, and innovation. In addition to coaching, One Family Scholars receive a scholarship that helps to offset both direct costs of college (tuition and fees) and indirect costs of college (books, supplies, and living expenses). One Family supports approximately 100 Scholars each year.

There have been nine One Family Scholars from MassBay in the past three years.

Left to Right: Danielle Ramos and Daisy Escobar



STEM INTERNSHIPS

Christopher Brown
Christopher Minor
Cosentini Associates - A Tetra Tech Company
Dan Smith
Essential Life Solutions Ltd.
Financial & Accounting Services
Genewiz
High School Summer Bridge Program
iCREAT Summer Program
James Godfrey
Leidos Inc.
MassBay IT Department
MassBay Marketing Department
MassBay Summer Bridge Program
MassBiologics
Middle School Summer Program
National Grid
Northeastern REU

Northeastern University
Plenoptika
Respiratory Motion (through MLSC)
STEM Starter Academy Summer Program
Synergy
Towerwall
Tyler Pobiedzinski
Tyler Vayansky
UC Synergetics
UMass Boston - Bridges to Baccalaureate
Summer Program
University of Wisconsin Whitewater
USGBC
Wayfair
Wellesley Information Systems
Wicked Cool for Kids
Yohanna Pedraza

STEM Starter Academy Summer Program



MassBay Cyber Security Student Presents Project at Annual Cyber Security Conference

Cyber Security major **Andrew Liberatore** of Franklin presented at The Annual Massachusetts Cybersecurity 2.0 Conference for the Advanced Cyber Security Center in Boston. As part of this annual fall conference, 10 students from New England are selected to present research projects to cyber security professionals showcasing their work that addresses or represents a critical need in the field or is an innovative approach, and that has a good chance for implementation.

His project “Raspberry Pi Network for Cybersecurity On-the-Go” used Raspberry Pis, a small credit-card size computer with an operating system capable of performing all the tasks of a normal size computer. Using its capabilities, Mr. Liberatore researched the possibilities of using it as an educational teaching tool to demonstrate networking and security concepts to high school and college students, capable of receiving student feedback. The project was designed to run on a very simple, cost-effective and transportable network.

“MassBay’s new cyber security associate of science degree program is already attracting talented, hard-working individuals like Andrew Liberatore. We are extremely proud of Andrew, who has shown immense potential for innovation” said MassBay Dean of Science, Technology, Engineering, and Math **Chitra Javdekar**.

Mr. Liberatore’s submission was one of 19, culled down to the top ten projects. Other students were chosen from UMass Amherst, UMass Dartmouth, UMass Lowell, Northeastern University, and Boston University. Students had a unique opportunity to showcase their work, to meet top talent in the field, and to view cutting-edge projects to meet cyber challenges.



MassBay Wins 1st Place at National Cyber League Competition

MassBay's student cyber security team placed first at the 2017 National Cyber League (NCL) Postseason Championship Competition. The six member student team from MassBay called the segfault, ranked first out of 152 teams nationwide.

The student team participants include: **Andrew Liberatore** of Franklin, **Chester Moses** of Framingham, **David Dew** of Wellesley, **Paul Buonopane** of Medfield, **Richard Kent** of Bedford, and **Timothy Ferguson** of Marlborough.

The students worked together every week since the Fall 2016 semester season, and have competed in the preseason, season, and post season of the National Cyber League competition, placing 4th last fall. The competition allows students to compete to solve real problems. The MassBay team solved security challenges that replicate what they might face in securing an organization's network.

The team dissected the problems to find solutions, which included decryption to view passwords, ethical hacking techniques, and analyzing information on the attack.

"I am extremely proud of our students who participated in a team for the first time at this competition," said MassBay Computer Science Professor **Shamsi Moussavi**. "Students diligently practiced, and studied new tools and skills every week during both semesters of this academic year. They achieved fourth place in the fall semester and sharpened their skills even more and reached the highest goal of being in first place this semester. They have definitely set a high bar for next year's team."

The NCL is a national competition in which students participate as individuals or on teams. Congratulations to MassBay's student champions!

Left to Right: Computer Science Professor Shamsi Moussavi, Richard Kent, Timothy Ferguson, Andrew Liberatore, David Dew, Chester Moses, and Paul Buonopane





MassBay Mourns Dr. Bruce Jackson

MassBay Community College mourns the loss of a long-time faculty member and a leading forensics DNA scientist **Dr. Bruce Jackson**, who passed away last November. Dr. Jackson had served as chair of the Biotechnology and Forensic DNA Science programs. During his 23 years at MassBay, he helped launch the careers of forensic scientists, marine biologists, biotechnologists, researchers, and educators. He had earned numerous awards, including a 1995 National Science Foundation CAREER Award, a 2008 Fulbright Award, and the 2011 Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring that was awarded to him by President Barack H. Obama.

A devoted mentor, Dr. Jackson's teaching helped MassBay produce 22 Goldwater Scholars over the past two decades — more than all two-year colleges in the nation combined. The Council for Undergraduate Research awarded him with the inaugural Goldwater Scholars Faculty Mentor Award for mentoring such a large number of Goldwater Scholars.

Dr. Jackson was a leading expert in forensic DNA science. In the early 1990s, he experimented with DNA markers to determine if ethnic-specific genotypes could link his paternal and/or maternal lineages to their African groups of origin. With Dr. Bert Ely from the University of South Carolina, he formalized this research as the "Roots Project," a nationally-acclaimed project that has helped link African-American families with slavery roots to their ancestral families in West Africa using DNA analysis. This effort was widely featured in national media.

The **Dr. Bruce Jackson Endowed Scholarship Fund** has been established in his memory. The scholarship will support the cause that Dr. Jackson championed most — his students. To give in his memory, visit: www.massbay.edu/give.

Dr. Bruce Jackson received a Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring at the White House from President Barack Obama in 2011.



Information Security Summit Scholarship

Computer Science student **Timothy Ferguson** of Framingham was recently awarded a \$1,000 Information Security Summit Scholarship. This scholarship is funded by the generous sponsorship of the annual Information Security Summit, established by Towerwall and MassBay and held at the Wellesley Hills campus. This scholarship is presented annually at the Information Security Summit as part of the welcoming remarks.

“For many students, paying for education while going to school can be difficult,” Mr. Ferguson said. “MassBay’s Information Security Summit Scholarship has helped me to afford my education, which has empowered me to enter the job market with the proper qualifications and pursue my life goals. I feel supported and optimistic thanks to the generous sponsors of this scholarship paying it

forward, and someday when I’m ready I wish to do the same.”

The Information Security Summit was established in 2013 to help professionals advance their programs and knowledge base on the latest network security and technology issues. This year’s keynote address was given by former Massachusetts Attorney General and current partner at Foley Hoag LLC Martha Coakley.

A portion of the funds raised at the Summit is donated to the MassBay Foundation for student scholarships. To date, the Information Security Summit and its attendees and sponsors have raised a total of \$28,000 that has gone to MassBay students studying CyberSecurity in the form of Information Security Summit scholarships.

Left to Right: Michael Lyons (CIO MassBay), Tim Ferguson, Michelle Drolet (Towerwall)







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