



Northbridge Public Schools

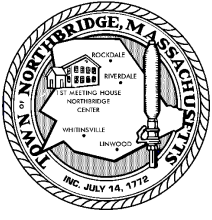
Northbridge School Committee

87 Linwood Avenue, Whitinsville, Massachusetts 01588 (508) 234-8156 FAX (508) 234-8469 www.nps.org

Michael LeBrasseur, Chairperson, mlebrasseur@nps.org, Joseph Strazzulla, Vice-Chairperson,
Michael Clements, Kate Tracy, Randi Zanca

Northbridge Public Schools School Committee Meeting Wednesday, March 22, 2017 7:00 PM Northbridge High School Media Center

- I. Regular Session Call to Order (7:00 PM)
- II. Attendance
- III. Pledge of Allegiance
- IV. Statement of Audio and Video Recording
- V. Statement of Mission
- VI. Public Comment (7:05)
- VII. Student Representative Report (7:10)
- VIII. Consent Agenda (7:15)
 - a. School Committee Meeting Minutes from 7PM, February 28, 2017
 - b. Warrant 37-36s 3/2/2017 \$395,202.40
- I. Discussion (7:25)
 - a. Line Item Transfers
 - b. FY18 Budget
 - c. Review of SC Goals
 - d. MSBA Statements of Interest for 2017
- IX. School Committee Individual Comments (7:55)
- X. Informational
 - a. Celebration of Learning - 2017
 - b. Mass Life Sciences Grant for Northbridge High School
- XI. Adjournment



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Michael LeBrasseur, Chairperson, mlebrasseur@nps.org, Joseph Strazzulla, Vice-Chairperson,
Michael Clements, Kate Tracy, Randi Zanca

Northbridge Public Schools School Committee Meeting Minutes Tuesday, February 28, 2017 7:00 PM Northbridge High School Media Center

I. Call to Order (7:08)

II. Attendance

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Present
Kate Tracy	Present
Randi Zanca	Present

Also in attendance were Superintendent Catherine Stickney and Business Manager Melissa Walker.

III. Pledge of Allegiance

IV. Statement of Audio and Video Recording

V. Statement of Mission

VI. Public Comment:

Jennifer Rice- Middle School Booster Club presented a check in the amount of \$5,375.00 to fund all MS Spring Sports.

The motion was made by Kate Tracy to accept a check from the MS Boosters in the amount of \$5,375.00 to fund all MS Spring Sports. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
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Mike LeBrasseur Absent

Joseph Strazzulla Yes

Kate Tracy Yes

Randi Zanca Yes

3 members having voted in the affirmative

0 members having voted in the negative

The motion was accepted with a roll call vote of 3-0.

VII. Presentation

Melissa Walker and Catherine Stickney presented the Superintendent's Proposed FY2018 Budget. They discussed Mission and Goals, FY18 Budget Process, Budget Recap, FY2018 Level Services Operating Budget, FY18 Expense Drivers, Prioritized List of Strategic Additions, FY18 Revenue, Revolver Projections, Budget Gap, Closing the Gap and Should an Override be considered.

VIII. Budget Public Comment

Ken Picotte- Son in the Middle School- He had questions regarding Special Education and the Special Education Budget.

Melissa Walker stated that the deadline to add an article to the May Town Warrant is March 4th. Melissa stated that if we want to consider an override article we should put it on the May Town Warrant. Melissa also stated that \$100,000 of capital expenses can be removed from the recommended operating budget and requested at the May Town Meeting in the form of a capital article.

The motion was made by Randi Zanca to move the Override Article and the Capital Expenditures Article to an action item. The motion was seconded by Kate Tracy. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements Absent

Mike LeBrasseur Absent

Joseph Strazzulla Yes

Kate Tracy Yes

Randi Zanca Yes

3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0.

IX. Consent Agenda

- a. School Committee Regular Meeting Minutes from 7:00PM on February 14, 2017
- b. Warrant 37-32s 02/02/17 \$214,448.05

The motion was made by Kate Tracy to accept the consent agenda as presented. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0.

X. Action items:

- a. Superintendent's Performance Goals

The motion was made by Kate Tracy to approve the Superintendent's Performance Goals. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0

b. 2017-2018 Program of Studies for Northbridge High School

The motion was made by Kate Tracy to approve the 2017-2018 Program of Studies for Northbridge High School. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative

0 members having voted in the negative

The motion was accepted with a roll call vote of 3-0

c. Appointment to Screening Committee for Town Manager

The motion was made by Randi Zanca to appoint Melissa Walker to the Screening Committee for Town Manager. The motion was seconded by Kate Tracy. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative

0 members having voted in the negative

The motion was accepted with a roll call vote of 3-0

d. Appointment to the Building Planning Construction Committee

The motion was made by Kate Tracy to appoint Michael LeBrasseur to the Building Planning Construction Committee. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes

Randi Zanca Yes
3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0

e. Override Article

The motion was made by Kate Tracy to include the Override Article for the May Town Meeting. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0

f. Capital Expenditure Article

The motion was made by Kate Tracy to include the Capital Expenditure Article for the May Town Meeting in the amount of \$100,000.00 for entry doors for the Middle School and Technology for NES, Balmer, NMS, and NHS. The motion was seconded by Randi Zanca. The vote was taken by roll call vote and the following votes were recorded:

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative
0 members having voted in the negative
The motion was accepted with a roll call vote of 3-0

XI. Discussion:

a. Field Trip- Overnight, Out- of State Trip NASA ICED

James Gorman proposed an out of state field trip to NASA in Langley, Virginia. The trip will take place from March 22, 2017 to March 25, 2017. There will be about 24 students and 2 chaperones. This will be an action item on the next agenda.

XII. School Committee Individual Comments

Joseph Strazzulla- We are headed into a difficult process which includes a discussion of an override. We need to have the community engaged in the discussion.

XIII. Adjournment 7:57

- I. The motion was made by Kate Tracy to move into Executive Session pursuant to Massachusetts General Laws chapter 30A section 21(a) for the following purposes:
 - a. Purpose (2) to conduct collective bargaining with the AFL-CIO, STATE COUNCIL 93, LOCAL 1709, Unit C - Custodial, specifically to hear the Custodial Boucher grievance; and
 - b. Purpose (3) to discuss strategy with respect to collective bargaining, specifically to deliberate and determine a response to the Custodial Boucher grievance not to Reconvene in Open Session

Michael Clements	Absent
Mike LeBrasseur	Absent
Joseph Strazzulla	Yes
Kate Tracy	Yes
Randi Zanca	Yes

3 members having voted in the affirmative

0 members having voted in the negative

The motion was accepted with a roll call vote of 3-0.

**SCHOOL COMMITTEE
AGENDA ITEM SUMMARY
(ACTION ITEM)**

**Agenda Item
For School Committee Meeting of
March 14, 2017**

SUBJECT: Line item transfer – Legal Expenses

Person(s) preparing Agenda Item: Melissa Walker

Title: Business Manager


Listing of Attachments (supporting documentation):

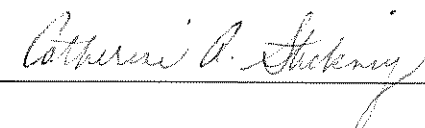
BACKGROUND: Based upon spending to date and anticipated spending for the remainder of the school year, a transfer of funds into the legal accounts is necessary.

STATUS: Available funds have been identified in the heating line item to cover the additional funds needed in the legal line items.

FINANCIAL IMPLICATION: A transfer between line items is needed. This will not increase the bottom line of the FY17 budget.

RECOMMENDATION: That the School Committee approves a transfer of \$21,000 from the Heat, All Buildings line item into the Negotiations – Legal Services line item and a transfer of \$23,000 from the Heat, All Buildings line item into the Special Education Attorney line item.

Recommended by: 

Recommended by the Superintendent: 



The Northbridge Public Schools

Town of Northbridge

87 Linwood Avenue, Whitinsville, Massachusetts 01588 (508) 234-8156 FAX (508) 234-8469 www.nps.org

Dr. Catherine Stickney, Superintendent
Kathleen Perry, Director of Pupil Personnel Services

Amy McKinstry, Director of Curriculum
Melissa Walker, Business Manager

Northbridge School Committee 2015-2018 Goals Approved November 2015

Goal 1: Secure the requested budget to meet the needs of our students

Actions:

- Determine the needed funding for the FY17 budget
- Identify targeted list of stakeholders in the community for outreach
 - Parents
 - Community members
 - Non-parents
 - Non NPS parents
 - Renters
 - Town officials
 - Alumni
 - Voting age students
- Identify a list opportunities to educate the community on the needs/requirements of the schools, such as:
 - Official/Unofficial forums to review school/student needs and budget impact/process
 - Cadence of articles/press releases distributed to newspapers/media outlets (print and online)
 - Produce segments on NPS YouTube Channel or Cable TV

Timing:

- May each year, cased on outcome of town meeting/election

Measurement:

- Our proposed/recommended budget is approved at Town Meeting

Goal 2: Demonstrate student achievement with the resources available

Actions:

- Identify metric(s) by which to determine achievement
- Set target goal for metric(s)

Excellence - Accountability - Collaboration: "Every Student, Every Classroom, Every Day"

It is the policy of the Northbridge Public Schools not to discriminate on the basis of race, color, gender, religion, national origin, sexual orientation, gender identity, disability, age, or homelessness in its educational programs, services, activities, or employment.

- Ensure budget is developed based on student achievement priorities (as identified by administration/staff/committee)

Timing:

- November of each year (following testing results)

Measurement

- Identified metric(s) target is achieved

Goal 3: Execute capital maintenance and building project(s)

Actions:

- Committee members participate in planning tours of school buildings
- Create a prioritized list of Capitalize Maintenance Projects
- Create a prioritized list of long term School Building Projects
- Cost analysis of Capital Maintenance expenses vs. Building Project Expenses

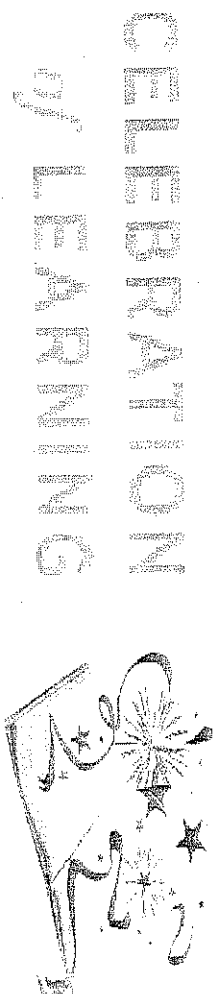
Timing: TBD

Measurement:

- All identified actions complete
- Short term projects completed or in process

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Please join us for the 4th annual Northbridge Public Schools
Celebration of Learning

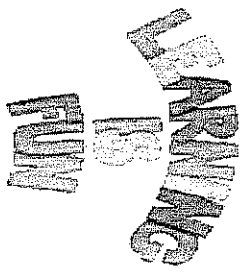
Wednesday, March 8, 2017 6:00-7:30P

Northbridge High School

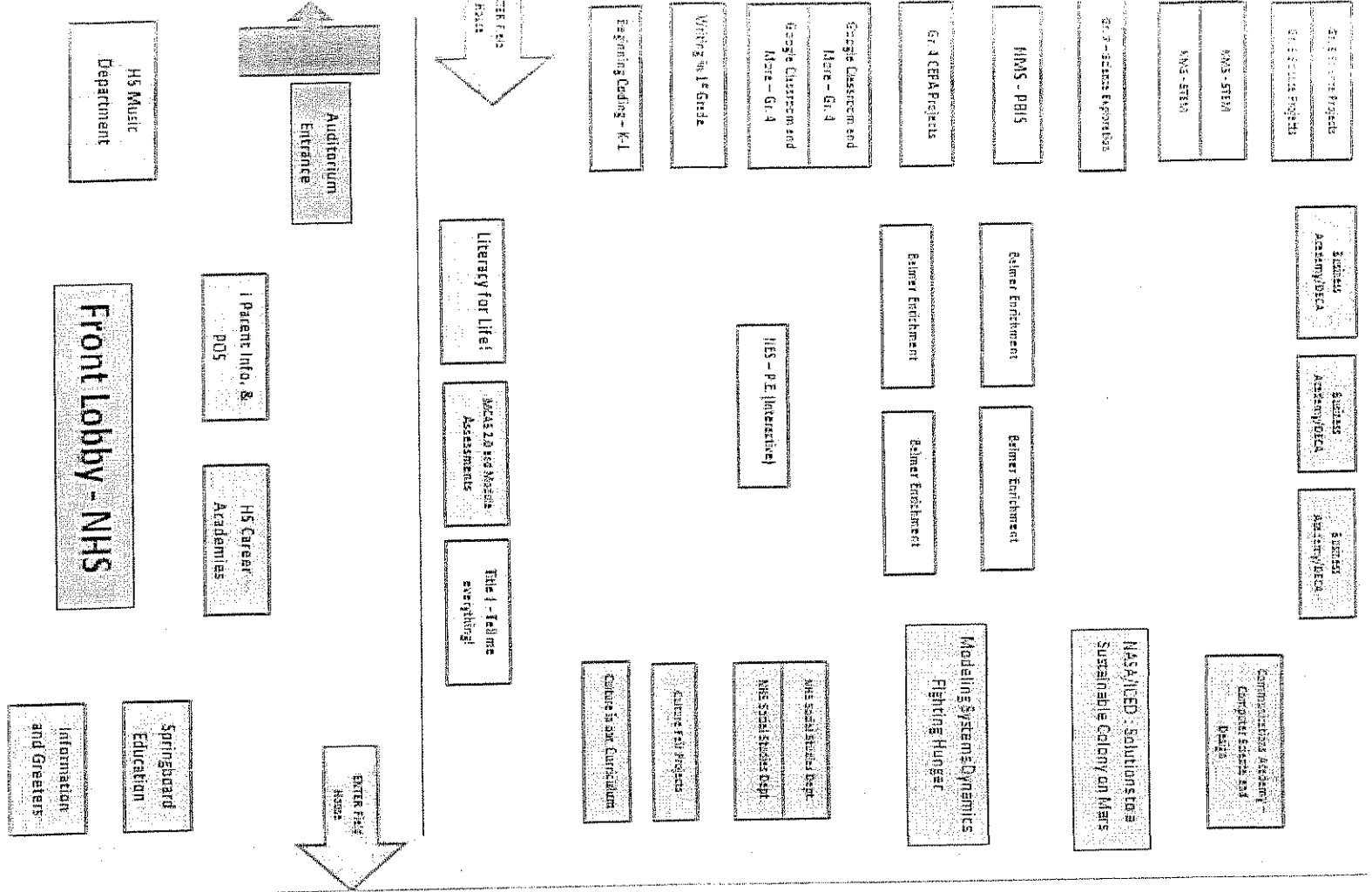
Staff members and their students from each of our schools will be presenting student work and projects from different subject areas and grade levels. We will also be sharing information on various school and district programs, including PBIS, Title I, Enrichment, and Springboard Education. We will also have information available about curriculum at the various grade levels.

In addition, we will have a brief presentation for the parents and families of our current **8th graders** regarding our high school program of studies, how to access and use iParent to look at your child's schedule, as well as information about our high school career academies starting at 6:15 p.m. in the auditorium.

Contact Kristen Ferrante at kferrante@nps.org or
 508-234-8156 for information.



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Gr 3 Science Projects
 Gr 4 Science Projects

HMS - STEM
 HMS - STEM

Gr 7 Science Experiments

HMS - PBIS

Gr 4 CEPA Projects

Single Classroom and More - Gr. 4
 Single Classroom and More - Gr. 4

Writing in 1st Grade

Engineering Center - K-1

Business Academy/IBCA

Business Academy/IBCA

Business Academy/IBCA

Competition Academy - Computer Science 204
 Robotics

NASA/NEED Solutions for a Sustainable Colony on Mars

Palmer Enrichment

Palmer Enrichment

Palmer Enrichment

Palmer Enrichment

Modeling Systems Dynamics
 Fighting Hunger

HHS - P.E. (Interlevel)

AME Social Studies Dept.
 HMS Social Studies Dept.

Palmer P.E. Projects

College in our Curriculum

Literacy for Life!

MAPAS 2.0 and MAPAS Assessments

Title I - Fall me something!

iParent Info. & POS

H5 Career Academies

Springboard Education

Information and Greeters

Front Lobby - NHS

H5 Music Department

EXITER FIVE ROOMS

Auditorium Entrance

Exhibit	Location	Staff Member
Grade 6 Science Projects	Field House	Tracy Spataro and Students
NMS STEM	Field House	Elizabeth Wermuth and Students
Grade 7- Science Exploration	Field House	Donna Taylor and Students
NMS- PBIS	Field House	Nick Hoffman and Michelle Benoit
Grade 4- CEPA Projects	Field House	Jennifer Siemaszko and students
Google Classrooms and More- Grade 4	Field House	Jennifer O'Brien and Students
Writing in 1st Grade	Field House	Jennifer Dean- Wing
Beginning Coding	Field House	Jean Schultz and Students
HS Music Department	Front Lobby	James Verdone
Parent Information and Program of Studies	Front Lobby	Catherine Green
Literacy for Life	Field House	Amy McKinstry
MCAS 2.0 and Module Assessments	Field House	Amy McKinstry
Balmer Enrichment	Field House	Michelle Muscatell and Students
Business Academy/DECA	Field House	Susan Palmer- Howes and Students

Exhibit	Location	Staff Member
Communication Academy- Computer Science/Design	Field House	Ann Cunningham and Students
NASA/ICED: Solutions to a Sustainable Colony on Mars	Field House	James Gorman and NASA Students
Modeling Systems Dynamics: Fighting Hunger	Field House	Sherri Travers and Students
NHS Social Studies Department	Field House	Alan Finkel and Students
Culture Fair Projects	Field House	Elena Batchelder and Students
Culture in our Curriculum	Field House	Mirela Marko, Susan Thulin, and Students
Springboard Education	Front Lobby	Donna Morreale
Information and Greeters	Front Lobby	
Title 1- Tell me Everything	Field House	Joel Khattar
High School Career Academies	Front Lobby	Dr. Catherine Stickney
NES- P.E. (Interactive)	Field House	Kristine MacNeil

CELEBRATION OF LEARNING



Please join us for the 4th annual Northbridge Public Schools'

Celebration of Learning

Wednesday, March 8, 2017 6:00-7:30PM

Northbridge High School

Staff members and their students from each of our schools will be presenting student work and projects from different subject areas and grade levels. We will also be sharing information on various school and district programs, including PBIS, Title I, Enrichment, and Springboard Education. We will also have information available about curriculum at the various grade levels.


In addition, we will have a brief presentation for the parents and families of our current **8th graders** regarding our high school program of studies, how to access and use iParent to look at your child's schedule, as well as information about our high school career academies starting at 6:15 p.m. in the auditorium.

*** Please see the district website for more detailed information prior to March 8th.*




Contact Kristen Ferrante at kferrante@nps.org or
508-234-8156 for information.

*Excellence * Accountability * Collaboration:*

MASSACHUSETTS
LIFE SCIENCES CENTER


*The Massachusetts Life Sciences Center
awards
Northbridge High School
a grant in the amount of
\$110,000
from the 2016 STEM Equipment and Supplies Grant Program*


Travis McCready
President and CEO
Massachusetts Life Sciences Center



Catherine Stickney <cstickney@nps.org>

Grant

1 message

Patrick Rossi <prossi@nps.org>

Tue, Feb 28, 2017 at 9:26 PM

To: Catherine Stickney <cstickney@nps.org>

With the \$110,000 we will be implementing a Biotechnology program providing students a real world application based class. This opportunity will allow for our students to have first hand clinical lab experience and enable the students to have a significant insight as to what it entails to work in a laboratory setting. We will be working with analyzing DNA, proteins, crime scene evidence, patient samples, and even stem cell differentiation. With this funding we are also able to enhance our Pre-Med academy giving our students unique opportunities that only Northbridge will now be able to provide.

Side note, the celebration of learning this year I will not be able to attend. I will try and see if I can get some of my students to attend and present something but I do not know if that is going to be possible. The reason I cannot make it has nothing to do with our union presidents email urging teachers not to volunteer. It has everything to do with the timing of the event. We have our school wide science fair on the 9th which I hope you can come in and judge for us. Then on the 9th the regional science fair at Auburn is being held. I help run this event and will be putting things together on the 8th and that is why I will not be in attendance this year. I do apologize and wish I could make it. I truly enjoyed myself last year. Thanks again for coming today, I greatly appreciate your continued support and trust in me.

Pat Rossi
Science Department Chair
Northbridge High School



**Commonwealth of Massachusetts
Executive Office of Housing and Economic Development
Press Release**

Contact:

Samantha Kaufman (HED) – samantha.kaufman@state.ma.us

Angus McQuilken (MLSC) – amcquilken@masslifesciences.com

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**Baker-Polito Administration Celebrates \$2.9 Million in
Workforce and STEM Grants to Educational
Institutions in Central Massachusetts**

Massachusetts Life Sciences Center capital grants will grow the innovation economy and prepare a trained workforce

Gardner - February 28, 2017 - Today Lieutenant Governor Karyn Polito joined Massachusetts Life Sciences Center President and CEO Travis McCreedy, local elected officials, and officials from Central Massachusetts educational institutions, to celebrate \$2.9 million in capital grant funding for regional workforce development and STEM education projects. The grants, from the Massachusetts Life Sciences Center (MLSC), advance the Baker-Polito Administration's commitment to build a highly trained workforce and seed job creation in regions across Massachusetts.

Lieutenant Governor Polito celebrated the regional grant awards at a ceremony at Mount Wachusett Community College in Gardner. Mount Wachusett is receiving over \$1.6 million in MLSC grant funding, enabling the college to renovate and equip a new medical laboratory facility, and significantly improving the quality of hands-on training for students.

The awards are part of a statewide grant round that is delivering a total of \$39 million in MLSC capital grants to 14 research and educational institutions, and 49 middle and high schools, across Massachusetts.

"Investments in the vitality of the Massachusetts workforce are critical to ensuring long-term growth in our economy," **said Governor Charlie Baker.** "Our ongoing efforts to deliver a high-quality STEM education to middle- and high-school students, and our focus on delivering impactful workforce training opportunities at community colleges and

other institutions of higher education, will allow Massachusetts residents to access quality careers in growing fields, including robotics, advanced manufacturing, healthcare, and biotechnology.”

“These capital grants from the Massachusetts Life Sciences Center deepen our administration’s efforts to build vibrant regions, from Cape Ann to the Berkshires,” **said Lieutenant Governor Karyn Polito**. “By training middle school and high school students on state-of-the-art STEM equipment, and creating new pipelines for workforce development and scientific breakthroughs, these awards will create new economic opportunities in Central Massachusetts, and help build a stronger Commonwealth.”

“One of our capital investment plan priorities is to make strategic investments in the future workforce of the Commonwealth, including STEM programs for our students,” **said Administration and Finance Secretary Kristen Lepore**. “By awarding these capital grants today, the administration is once again leveraging our resources to invest in the Commonwealth’s growing biotech industry.”

“Massachusetts is building the nation’s most competitive economy by investing in workforce development, and in the infrastructure of innovation,” **said Housing and Economic Development Secretary Jay Ash**. “By constructing new science and technology laboratories in Framingham and Gardner, and improving the quality of STEM education for students in Fitchburg, Franklin, Northbridge, Warren, Webster and Worcester, these awards will help make Central Massachusetts a more dynamic place to live and work, and they will equip local residents with the skills needed to retain our title as the most innovative state in the nation.”

“The MLSC continues to make major capital investments to support education and training at academic institutions across the entire Commonwealth in order to meet the workforce needs of our state’s fastest-growing industry,” **said Travis McCready, President and CEO of the MLSC**. “Our capital grants will enable Mt. Wachusett Community College, Framingham State University and Dean College to significantly enhance their capacity for workforce training, so that our students will be better prepared for career opportunities in the life sciences. Through our STEM equipment and supply grants, area high schools and middle schools will be better positioned to connect students with jobs in the fast-growing Massachusetts life sciences ecosystem. In both cases, we are excited to play a role in supporting economic growth and workforce preparedness in Central Massachusetts.”

“This grant from the Massachusetts Life Sciences Center will allow us to equip a state-of-the-art medical laboratory technology classroom and create a new life sciences lecture room,” **said Mount Wachusett Community College President Daniel M. Asquino**. “These improvements will allow us to better serve numerous science, medical

and liberal arts students as well as expand the medical laboratory technology program that prepares graduates for the high-demand medical and clinical laboratory technician field.”

“I want to thank the Baker-Polito administration for awarding schools in my district with STEM grants that will be used to train and prepare students for the workforce that lies ahead,” **said Senator Jennifer Flanagan**. “These investments, specifically in areas of science and technology, are critically important for the future of the Commonwealth, and these students will be well prepared to lead the way.”

“MWCC continues to stay ahead of the curve in preparing and educating its students with a truly 21st century education, and this is another excellent example of that,” **said Representative Jonathan Zlotnik**. “Congratulations for this very well deserved grant.”

Funding for the awards is drawn from the Massachusetts Life Sciences Center’s Competitive Capital Program, and the Center’s competitive STEM Equipment and Supplies Grant Program.

The MLSC’s Competitive Capital Program provides grants for capital projects that support the life sciences ecosystem in Massachusetts by enabling and supporting life sciences workforce development and training, research and development, commercialization and manufacturing in the Commonwealth. The program funds high-potential economic development projects by nonprofit entities that make significant contributions to the state’s life sciences ecosystem. To date, the MLSC has awarded or committed more than \$405 million to support capital projects across the state.

The MLSC’s STEM (Science, Technology, Engineering and Math) Equipment and Supplies Grant Program funds the purchase of equipment and supplies for high schools and middle schools in the Commonwealth. The program helps schools train students for life sciences careers, increase student achievement and student interest in STEM fields, and support the implementation of the state’s STEM standards. The competitive program is open to vocational-technical high schools, public high schools and middle schools located in Gateway Cities, and public high schools and middle schools with economically disadvantaged student populations. To date, the STEM Equipment and Supplies Grant Program has awarded more than \$16.3 million to 149 different schools and organizations throughout Massachusetts, and leveraged more than \$1 million in matching funds from industry partners.

Central Massachusetts Regional 2017 MLSC Competitive Capital Awards:

Dean College, Franklin - \$297,030

Dean College will update its laboratory equipment and training programs to expand STEM programming for the college's diverse student community, and develop new courses in biotechnology and molecular biology.

Framingham State University, Framingham - \$454,000

Framingham State University will use MLSC capital funds to advance the completion and equipping of 16 new state-of-the-art biology and chemistry laboratories, and to equip classroom space for other STEM-focused academic programs, including mathematics and computer science.

Mount Wachusett Community College, Gardner - \$1,646,787

MLSC grant funding will allow MWCC to renovate and equip classroom space, upgrading aging and outdated equipment, and launching a new Medical Laboratory Technology/Clinical Laboratory Science facility. These upgrades will bring the program up to current industry standards, allowing MWCC to increase the number of life sciences courses it can offer and enhance current programs.

Central Massachusetts Regional 2017 STEM Equipment Awards:

Bartlett High School, Webster - \$16,112

Bartlett High School will purchase handheld computing devices, an interactive SMART Board and related software. This equipment will give students the necessary resources to gain a deeper understanding of abstract concepts in math and computer science.

Goodrich Academy, Fitchburg - \$105,345

Goodrich Academy will use MLSC grant funding to fully equip a new high school STEM lab, allowing students to train on technical equipment related to studies in biology, chemistry, physics and bioethics. Students will gain experience in data-gathering, interpretation and science-writing, and Goodrich Academy will further modernize its curriculum.

Montachusett Regional Vocational Technical School, Fitchburg - \$99,697

Montachusett Regional Vocational Technical School will expand its life sciences course offerings to including Principles of Biomedical Science and Human Body Systems. Students will gain hands-on training in a renovated laboratory environment that replicates industry standards.

Northbridge High School, Northbridge - \$110,000

Northbridge High School will use MLSC funds to complete the build-out of a biotechnology lab with new equipment, including digital microscopes, micropipettes, DNA electrophoresis, and centrifuges.

Quaboag Middle Innovation School, Worcester - \$50,000

Quaboag Middle Innovation School will use MLSC funds to purchase new textbooks and materials, including robotics kits which will engage students in an activities-oriented curriculum to increase exposure to STEM related fields.

Sizer Charter School, Fitchburg - \$14,780

MLSC grant funding will allow Sizer Charter School to purchase a 3D printer capable of printing a large volume of objects quickly, allowing students to gain experience with 3D design and rapid prototyping.

South High Community School, Worcester - \$91,609

South High Community School will use MLSC grant funding to implement Texas Instrument Nspire technology and upgrade equipment in secondary science classrooms to create a streamlined curriculum for students in Worcester's middle and high schools.

About the Massachusetts Life Sciences Center

The Massachusetts Life Sciences Center (MLSC) is an investment agency that supports life sciences innovation, education, research and development and commercialization. The MLSC is charged with implementing a \$1-billion, state-funded investment initiative. These investments create jobs and support advances that improve health and well-being. The MLSC offers the nation's most comprehensive set of incentives and collaborative programs targeted to the life sciences ecosystem. These programs propel the growth that has made Massachusetts the global leader in life sciences. The MLSC creates new models for collaboration and partners with organizations, both public and private, around the world to promote innovation in the life sciences. Learn more at <http://www.masslifesciences.com/>

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