

Cohasset Middle-High School

MAY 8 — MAY 14, 2016

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Grade 5
Parent
Night @

Early
Release Day
11:40AM

HIGH SCHOOL AP EXAMS

from the desk of Carolyn Connolly...

I would like to extend my sincere appreciation to Chris Murphy and the Safe Harbor Coalition, the Cohasset Education Foundation, Police Chief Bill Quigley, and the cast and crew of *Drug Story Theater* for bringing their experiences to life for the benefit of Cohasset students and families. It also meant a great deal that so many town officials took the time to attend; the collective support of the community is the only way we can hope to combat the abuse of drugs and alcohol among our most vulnerable population.

The two performances that took place during the school day were very well received by students. Though it seemed that the high school students took a bit longer to get hooked in than did the middle school students, the range and depth of questions during each “Talk Back” session revealed that some serious thinking was taking place. I was grateful for the chance to have students hear from other adolescents who have struggled to overcome addiction and how they worked through it. The students and parents who make up the *DST* cast were incredibly honest and articulate, and I hope earned our students’ respect for their willingness to share.

As mentioned last night, I am inviting parents to meet again on 5/17 @ 6:30 PM. This is a continuation of the conversation we started last month at which we determined we wanted an ongoing forum for parents to connect and share best practices with one another on how to help families navigate these very difficult years. I welcome as many people as are interested, and remind you that Chris Murphy will begin the evening by conducting another “Hidden in Plain Sight” presentation. As mentioned last week, we will meet in the library and hope that there are so many of us we need to move to the auditorium!

Other news around the building includes ongoing preparation for end of the year activities, particularly those that will celebrate the Class of 2016. The calendar will be sent home to parents and students as soon as one or two more details are finalized. Things that ARE set in stone include: Seniors’ Last Day on 5/25, which is a **full day of school** that will include the yearbook signing; the senior prom on 5/26; and activities from 5/31-6/3 that will include community service as well as necessary rehearsals etc. As AP Exams wind down, and people start talking about the 8th grade dance in June, it is clear we are coming to the close of another school year! Thank you for your continued support and **happiest of Mothers’ Days to all of the moms, aunts, grandmothers, and caregivers in our community.**



ATTN: 2016-2017 7th and 10th Grade Students

Massachusetts state regulations mandate that students entering 7th and 10th grade have a current physical examination on file at the school.

All students attending public schools are required to be up to date on their immunizations. In addition, students entering 7th grade must have documentation of having had a recent Tdap vaccine and 2 doses of the varicella (chicken pox) vaccine or had the disease.

The physical and immunization records may be scanned and e-mailed to jcollins@cohassetk12.org, faxed to (781) 383-4168 or mailed to the school ATTN: Judy Collins R.N.

Please have all requested documentation into the nurse's office prior to the close of the 2015-2016 school year. If you have any questions please contact Judy Collins R.N. at jcollins@cohassetk12.org or at (781) 383-0853.



2016 Summer Science Academy Bridgewater State University For High School Students Entering Grades 9-12

- **July 11–15, 2016: Biotech Career Rotations I: Reaworld techniques to answer real-world problems:** Students will have the opportunity to explore biotechnology procedures used in industry and research and their real world applications. Activities will include making bacteria glow in the dark with green fluorescent protein (GFP), determining if “Doritos” are genetically modified (GMO) by using PCR (polymerase chain reaction) to assay for a GMO marker and performing gel electro-phoresis of DNA STRs (short tandem repeats), a process commonly used in forensics for identification of individuals.
- **July 18–22, 2016: So you want to be a what? Exploring careers in medical sciences:** Everyone has heard of a medical doctor, but what about a laboratory animal technician? Pathologist? Physical therapist? Histotechnician? Are you interested in careers in the medical field but not even sure what some of these job titles mean or the type and length of school required for each? Students will have the opportunity to explore various career options in the medical field. Activities will include solving medical mysteries, a blood laboratory, and heart dissection. Additionally, students will hear from a variety of practitioners in different fields in biomedical science. This program is perfect for anyone interested in medical practice or research and will be sure to set you apart when it is time to apply for college.
- **July 25–29, 2016: Biotech Career Rotations II: Real-world techniques to answer real-world problems:** Students will explore how biotechnology impacts our lives across a wide range of disciplines. Students will learn about and conduct experiments routinely used in food and water safety labs to identify bacterial contamination, design and implement assays to identify genetically modified foods and conduct experiments used in hospital laboratories to test for disease and quantify the viral load of a patient. During these exercises students will gain not only theory, but have the opportunity to carry out such advanced molecular techniques as Polymerase Chain Reaction (PCR), Gel Electrophoresis, Cloning and Enzyme Linked Immunosorbent Assays (ELISA).

Schedule

Monday – Thursday 9:00 AM – 4:30 PM

Friday 9:00 AM – 3:00 PM

The program fee of \$490 per week covers all course expenses including lab supplies and materials. The fee does not include lunch or transportation.

Please note that you do not need to take Biotech Career Rotations I before you can take Biotech Career Rotations II. However, if you were enrolled in Biotech Career Rotations I during the summer of 2015, please enroll in Biotech Career Rotations II.

Please visit <http://microsites.bridgew.edu/case/summer-science-programs> for more information.



2016 Summer Science Academy

For Middle School Students Entering Grades 6-8 in the Fall of 2016

Bridgewater State University

- **July 11–15, 2016: xSTREAM Adventures:** Have you ever wondered what is in the water flowing by your neighborhood or in the stream in which you take a refreshing dip to cool off? Using investigative sampling techniques, participants will conduct fieldwork as teams to collect and identify aquatic bugs and to analyze water samples for bacteria counts, chemistry and flow rates. Participants will conduct laboratory research, create a PowerPoint presentation, and present their findings in an open public forum. If you care about the environment and are ready to explore, this is the adventure for you!
- **July 18–22, 2016: Forensics Institute of Bridgewater:** Have you ever watched Crime Scene Investigators and wondered what really happens to the evidence at a crime scene and how that evidence is used to solve the crime? Join us in a week-long adventure into the life of a crime scene analyst! Working with Senior Scientists, you will learn how to collect and analyze fingerprints from a simulated crime scene, perform blood type analysis and get closer to solving the mystery using the cutting edge technique, DNA fingerprinting. At the end of the week, you will present your findings as an expert crime scene technician to our "jury" so they can determine if your lab analysis and scientific evidence is sufficient for the case to go to trial.
- **July 25–29, 2016: Whale of A Mystery:** During this exciting hands-on class, participants will use investigative laboratory techniques to solve a mystery related to the hunting of endangered Cetacean species. Students will work in teams to determine if a sample of "whale meat" is from an endangered species that has been sold illegally in a foreign fish market. Participants will learn about the natural history of these amazing creatures while they conduct laboratory research using state of the art technology and techniques, including protein extraction, quantification and gel electrophoresis. The results of these studies will be used to develop a presentation, which will be showcased at a public session for our "congress."

Schedule

Monday – Thursday 8:30 AM – 2:30 PM Classes in Session

2:30 PM – 4:00 PM Extracurricular activities

Friday 8:30 AM – 2:30 PM Classes in Sessions

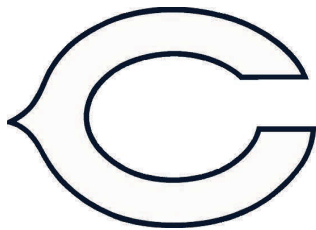
2:30 PM – 4:00 PM Final Presentations - Friends and Family are Welcome

The program fee of \$400 per week covers all course expenses including lab supplies and materials. The fee does not include lunch or transportation.

* Please note, these classes are designed for students who are entering grades 6-8 in the fall of 2016. Students who have participated in any of these classes in either the Winter or Summer Science Academy may not enroll in the same class again.

Please visit <http://microsites.bridgew.edu/case/summer-science-programs> for more information.

UPCOMING EVENTS: PLEASE NOTE THE FOLLOWING DATES



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| 5/16-17 | MCAS Grade 6-8 Math |
| 5/17-18 | MCAS Grade 10 Math |
| 5/17 | HS Term IV Progress Reports Visible |
| 5/18 | HS Arts Night @ 7:00 PM DATE CHANGE |
| 5/19-20 | MCAS Grade 8 STE |