

Andover High School



Weekly Bulletin

Friday December 6, 2019

“The mission of Andover High School is to create an environment in which every student has the opportunity to use his or her mind well to become personally responsible for his or her academic, social, and civic growth and physical growth and physical well-being.”

******Some Important Dates******

- **Jan. 7th - Discover AHS for Next Year's 9th Grader Parents, 7:00 PM Collins Center**

Please go to: <https://aps1.net/CivicAlerts.aspx?AID=864> for all of Andover High School's Important Dates

Events for Science:

The MIT Beaver Works Summer Institute (BWSI) Online Educational Program

Nomination for students is now open for 2020! The Beaver Works Summer Institute is pleased to announce that we will have 10 program offerings for summer 2020.

This curriculum is available online as a series of self-paced units for students to follow independently. The content is the prerequisite material for participation in the 2019 BWSI Program, which will be taught at a higher level and will address more research-oriented technologies, techniques, tools, and applications. Your participation and performance in the online curriculum will be one of the metrics used to determine acceptance into the 4-week program being held the summer 2020 at MIT in Cambridge, MA. Detailed information on the program will be found in the new BWSI 2020 brochure that will be out in the next few weeks.

The courses utilize MIT's EdX platform for the materials that will be linked to educational content, lab exercises, and demonstration challenges. The online course will provide familiarity with the program's key tools, such as the Robot Operating System (ROS, <http://ros.org>) running on the Ubuntu distribution of the GNU/Linux operating system. The online course will also develop programming skills with the Python programming language and will provide students valuable experience with the OpenCV (open computer vision) tools widely used in industry and academic research. In addition, the available core units in control systems, computer vision, localization, navigation, and planning will closely follow the learning sequence of previous year's curriculum.

If you would like to be nominated to apply for this program, please contact Dr. Sanborn stephen.sanborn@andoverma.us

Visit the program website at <https://beaverworks.ll.mit.edu/CMS/bw/bwsi>

Weatherfest:

Teachers, students, families, weather enthusiasts of all ages! Join us for the American Meteorological Society's 19th Annual WeatherFest, a cool, fun, and fascinating look at all things weather, water, and climate. It will be taking place at the Westin Waterfront Hotel in Galleria (lower level) in Boston from 12 noon–4:00 p.m. on **Sunday, January 12, 2020**.

Women of Science Competition: - Saturday, December 7, 2019

Bedford High School will be hosting the Seventeenth Annual Women of Science Scholarship Competition on **Saturday, December 7, 2019**. The competition involves about forty teams of junior and senior high school women competing in four science and engineering events. All events involve knowledge based in the areas of biology, chemistry, engineering, environmental science, math, and physics. Teams compete *as a group* in each of the four events. The idea of creating a competition for female students only is guided by the interest to have more women enter science related fields. We are hoping the day will celebrate women in science and spawn interest in science related fields. In addition to the competition, we are inviting a variety of professionals in the science and technology fields to have lunch with the participants to discuss the many opportunities that there are for women.

From Dr. Sanborn: Andover High

School has registered two teams for this event - one team has been filled but there are spaces available for the second three person team. Last year, a team from Andover High School won this competition. Contact me as soon as possible if you would like to participate. stephen.sanborn@andoverma.us

UMASS Lowell - Open Invitation to High School Students for a tour of the Dept. of Physics and Applied Physics - Mondays 10:00- 12:00. For appointments please email Dr. Giles, Chair of Dept. of Physics at Robert_Giles@uml.edu

JOB OPPORTUNITIES

*****Be a lifesaver!** YMCA Lifeguard Certification Course offered over winter break. This four-day course will be offered December 27-30 from 9:00am-5:00pm at the Andover/North Andover YMCA. For more information, or to register, visit mvymca.org or contact Andover/North Andover YMCA Aquatics Director Dan Burke at dburke@mvymca.org or 978-685-3541, ext. 417.

*****Elderly couple -** looking for help with snow shoveling and yard work. Please call or email Phyllis Andrews at 978-475-4685 or email at jayrews@aol.com

*****Swim Instructors Needed! -** Pool School is looking for energetic, self-motivated students to be swim teachers. Must love to work with children and love being in the water. We have an 8 week paid training program. Pool School has morning, afternoon, and evening classes. Very flexible hours with holiday and school vacations off. Lifeguards are welcome to join our training program. Pool School has locations in Danver, Lawrence, and Tewksbury. Contact: Lynn Tilley at 978-689-4288 or at tills4@comcast.net for more information.

*****Reliable student needed** to drive 12 year old child to/from after school activities from approximately 3:45 to 5:45 pm on Mondays and Thursdays. Great pay and fun, independent child. Promptness and reliability is a must. Driver's license, good driving record & references required. Please email jenniferesloan@icloud.com if interested.

*****Reliable Person*****

Andover Private School, Child care position for After School Program. Must have reliable car/transportation. Contact: Mcaruso@andovermontessori.org

****Scrive Multicultural Club**** - For volunteers and contributors to the magazine <https://tinyurl.com/scrivisubmission>

Volunteer Expectations/Mission

We are looking for individuals that enjoy being with children – who want to be a positive role model – who believe in the power of play – want to help foster children’s curiosities – can support children in the afterschool environment to find success – help children make connections with their peers – work with staff to create a happy and safe environment for all children to be a part of – bring your own interests to share with the children such as music, drama or sports.

If you are interested in being a volunteer at SHED Children’s Campus, please reach out to Karen Ulbin or Dina Hurley via phone or email kulbin@shedchildrenscampus.org or dhurley@shedchildrenscampus.org 978-684-5055

Availability: The afterschool hours are 3PM-6PM. You are welcome to commit to as many hours as you desire – you can choose your own schedule – ideally, it would be great to have you on a weekly basis – be it 1 day/week or 2-3 days/week. **It is ok to commit to a short period of time, such as 1 month of volunteer work. Ages of children: Children range in age from kindergarten through 8th grade.

Children are grouped by grades and placed in classrooms according to this. Let us know if there is a certain age group you prefer to work with or have experience working with. **We do have some children that need some individual support and we LOVE when volunteers can channel their energy to play and support them within our program.

College Visits:

All visits will be held in the <https://colleenritzscholarship.com/scholarship-fund/apply/> Guidance Conference room. All Juniors and Seniors can attend, but must register in Naviance first, then obtain a pass from the Guidance Dept. at least 24 hours in advance of the visit. The pass will need to be signed by the teacher of the class you may be missing. You can not attend a college visit with-out a pass

Scholarships:

- Stephen Phillips Memorial Scholarship - Deadline: **May 1st**. To apply go to: www.phillips-scholarship.org
- Essex Agricultural Society Scholarship (Topsfield Fair) **Deadline: March 30th**. Applications available in the Guidance Office
- Charles Larner Family Foundation & Essex Agricultural Society - **Deadline: March 30th**. Applications available in the Guidance Office
- Colleen Ritzer Memorial Scholarship - **Deadline: March 15th**. Applications available at: <https://colleenritzerscholarship.com/scholarship-fund/apply/> or obtaining a copy in the Guidance Office
- UNICO Scholarship - **Deadline March 15th**. Application available at: <http://www.unicomerrimackvalley.org>
- Mark Bavis Leadership Foundation, **Deadline: March 15th**. Applications available in the Guidance Office
- AJFL (For football and cheerleading) **Deadline March 30th** Applications available in the Guidance Office

- Andover Band Scholarship - **Deadline: March 30th**. Applications available in the Guidance Office

- Youth Social Action Award In Memory of Amelia Reeve- North Andover Parish, **Deadline May 1st**. Applications available in the Guidance Office

- Krit Kearns Memorial Scholarship - **Deadline April 1st**. More info on Naviance. Applications available in the Guidance Office

- Merrimack Valley Credit Union - Deadline, **March 1st**. Applications available on line at: www.mvcu.com or in the Guidance Office
- Reading Community Singers Scholarship - Deadline **Dec. 31st**. Applications available in the Guidance Office
- Bezos Scholarship for High School Juniors - **Deadline Jan. 31st**. See Bezosscholars.org/idea for more info.
- Andona Scholarship has opened. The deadline is **Feb. 28th**. Applications can be picked up the Guidance Office

- Filene Music Program Scholarships, deadline, **Jan. 20th**. To apply go to skidmo.re/merit
- Henry David Thoreau Foundation Scholarship - Deadline: **Feb. 1st, 2020**. Visit: www.thoreauscholar.org

College Open Houses/Fairs:

- Dean College Open House **Feb. 18-20th**. Register at: dean.edu/auditions

Special Programs:

- Navigating The College Search for Students with ADHA, and/or Executive Function Challenges, Curry College **Jan. 24th**. Please RSVP by **Jan. 3rd** at curry.edu/Navigate
- The Myra Kraft Transitional Year Program with Brandeis University. To learn more, email mktyp@brandeis.edu
- NACEL Open Door Congress-Bundestag Vocational Youth Exchange Program - Application **Deadline is Jan. 15, 2020**. The application is available at: www.nacelopendoor.org
- UMASS Lowell - Physics & Applied Physics - Meet individually or as a small group with Dr. Robert Giles, chair of the department, for a tour of UMass and discussion of their undergraduate program. For appointments, contact: Dr. Giles by email: Robert_Giles@uml.ed

Need Help Applying for Financial Aid? - Free Education Assistance at American Student Assistance - for more information visit:

www.asa.org/college-planning-services/

Click below for Andover High School Schedule of Events and Athletic Schedule

<https://aps1.net/CivicAlerts.aspx?AID=864>

[Andover High School Parent Advisory Council \(PAC\)](#)

Every year, we ask all families of AHS to contribute to the PAC with a suggested donation of \$50/family.

This is our only source of income to support the administration, staff and students.

You can make a contribution at the website via PayPal (click the "Membership Dues" tab), <https://sites.google.com/site/andoverhspac/>