



Professional
Development and
Learning
Opportunities

September 2016

Professional Development

CS4NH – Expanding K-12 Computer Science Education in New Hampshire

The NH Department of Education and University of New Hampshire (UNH) invite your school to be a part of CS4NH Launch Day, November 5th, at UNH Manchester. This event is sponsored by Google CS Education and the ECEP Alliance, and is free for all participants. The day includes a keynote by Pat Yongpradit, Chief Academic Officer for Code.org, workshops for teachers and administrators, and a leadership panel to discuss how to incorporate computer science and coding into the K12 curriculum. Every student should have a chance to learn about K-12 computer science to prepare for the emerging demands of the 21st century — not just to major in computer science or secure jobs as software engineers. Over 70% of all new STEM jobs are in computing, but only 8% of STEM graduates are in computer science. Less than 20% of those graduates are female. With a concerted statewide effort, we can turn these trends around in NH. For more information and to apply, please visit www.cs4nh.org.

Contact: David Benedetto, (603) 271-3855, David.Benedetto@doe.nh.gov

NH ConnectED Professional Development Calendar

NH ConnectEd is a project of the NH Society for Technology in Education (www.NHSTE.org). Events from participating educational organizations are posted on this calendar for your convenience. NHSTE is connecting with a variety of professional organizations to develop their collaborative professional development calendar. If your educational organization would like to participate in NH ConnectEd, contact the Office of Educational Technology for details. Professional development opportunities are also shared on the NH ConnectED Listserv. Join at <http://mylist.net/listinfo/nhconnected>. View the NH ConnectED calendar at <https://nhoetnews.wordpress.com/events-calendar/>.

Contact: Stan Freeda, (603) 271-5132, or Stanley.Freeda@doe.nh.gov

Online Tutorials From OPEN NH

In an effort to assist schools in providing training for ALL school related employees, volunteers, substitute teachers and others, **NH e-Learning for Educators Project**, coordinated through the *Office of Educational Technology*, offers short online tutorial training on a variety of subjects. Each tutorial will earn professional development hours upon successful completion that can be used for re-certification and licensing continuing education units.

a) Food Service Workers

The *Office of Educational Technology*, in partnership with the *Bureau of Nutrition Programs and Services*, has developed a series of short online tutorials on a variety of food service related topics. These self-paced online tutorials are offered through **OPEN NH**. Each tutorial will earn professional development hours upon successful completion that can be used for re-certification and licensing continuing education units. There is no cost to register for these tutorials for food service personnel currently working in New Hampshire public schools. For more information about the tutorials and online registration, visit <http://www.opennh.net/course/index.php?categoryid=33>.

b) Trauma-Informed Early Childhood Services

The goal of this curriculum is to build New Hampshire's capacity to provide trauma-informed early childhood services, including childcare, home visiting, early education, and health and mental health services. This tutorial can be found at <http://www.opennh.net/course/view.php?id=515>.

c) More Tutorials

- *Bullying Awareness and Prevention, a 3-hour self-paced tutorial, \$10.00.*
- *The NH 3 Tiered Bullying Prevention and Intervention Model, a 5-hour self-paced tutorial, \$25.00.*
- *Substitute Teaching: Tools and Tips for Success, a 5-hour self-paced tutorial, \$25.00*
- *Ten Technology Skills for Learning and Teaching, a 15-hour self-paced tutorial, \$75.00*
- *Developing Successful Online Teaching and Learning Practices, a 10-hour self-paced tutorial, \$50.00*

Other tutorials are currently in development. For more information about the tutorials and online registration, visit <http://nheon.org/opennh/tutorials/index.html>

Contact: Stan Freeda, (603) 271-5132, or Stanley.Freeda@doe.nh.gov

OPEN NH Fall 2016 Session Online Professional Development Courses

Registrations are now being accepted for the OPEN NH Fall 2016 Session courses. The 7 week, 35 hour online professional development courses begin on October 5th and continue through November 22nd. The registration fee for OPEN NH professional development courses is \$130. The list of OPEN NH professional development courses offered during the upcoming sessions can be found on the Web site at: www.opennh.org, select Courses, select Current Course Schedule. OPEN NH offers a variety of group discounts for SAUs, districts, or schools. Online registration is only available for individuals. Cohorts must use a single group registration form via email to the OPEN NH Project Coordinator. Details for both procedures are available at www.opennh.org. Graduate credits are available through Plymouth State University at additional per credit cost. **OPEN NH** is part of the **NH e-Learning for Educators Project**, a program of the **New Hampshire Department of Education**, coordinated through the *Office of Educational Technology*.

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Working Together Conference 2016

The Changing Landscape of Deaf and Hard of Hearing Education in New Hampshire Conference will focus on practices, technologies, and innovations that affect the education of deaf and hard of hearing children and emphasize how these are changing and can improve outcomes for children. The conference will take place October 7th from 8:15 a.m. – 3:00 p.m. at the Puritan Conference & Event Center in Manchester. To register or for more information go to www.ndhhs.org/workingtogetherconference.

Learning Opportunities

Take the Pledge to Become a New Hampshire Future Ready School

The Future Ready Schools Initiative is a new effort to maximize digital learning opportunities and help school districts move quickly toward preparing students for success in college, a career, and citizenship. The US Department of Education initiative will provide districts with resources and support to ensure that local technologies and digital learning plans align with best practices in teaching and learning. When implemented by highly trained teachers, digital learning leads to personalized learning experiences for all students, particularly those from traditionally underserved communities. New Hampshire Superintendents are encouraged to **Take the Pledge** to commit to implementing meaningful changes that transition your schools toward digital learning that supports teachers and students with becoming future ready. To learn more about Future Ready Schools and

take the pledge, visit <http://futureready.org/about-the-effort/take-the-pledge/>. To learn more about Future Ready Schools in New Hampshire, visit <http://nheon.org/futureready>.

Wonders of Wildlife (WOW) Presentations

Educators who want to introduce their students in grades 3-6 to New Hampshire's wildlife and wetland resources – or reinforce related lessons – have until September 29th to request fall 2016 WOW) presentations by New Hampshire Fish and Game Department volunteer docents. Wonders of Wildlife is a series of active educational programs presented in the classroom. Fish and Game WOW docents travel to elementary schools to teach one of four interactive programs: Habits and Habitats; Endangered Species; Pond Ecology; and Wetlands. There is no charge for the programs. Teachers may download a print-and-mail request form on the Fish and Game website at www.wildnh.com/education/wonders-of-wildlife.html. To learn more about education programs offered by the New Hampshire Fish and Game Department at www.wildnh.com/education.

Young Inventors' Program

Does your school do **Invention Convention**? Encourage hands-on learning or use that Maker Space as students mastermind original inventions or design Rube Goldberg Machines. It is not too late to do the Young Inventors' Program this school year. Join more than 50 NH schools in the program with the opportunity to send your students to represent the State at the Regional and National competitions. Next training workshop begins in October online through [Open NH](http://OpenNH.org). Visit the Academy of Applied Science at www.aas-world.org/YIP for more information or contact Nicole MacMillan, Director, at nmacmillan@aas-world.org to sign up.

Resources

Working Together for Student Success: A Back-to-School Communications Toolkit

The Learning First Alliance released a back-to-school communications toolkit that provides districts with template resources to assist with parent and community outreach. The toolkit helps educators explain their successes in implementing college- and career-ready standards and the bright spots for education in their schools. In the toolkit, districts will find a template op-ed, parent letter, fact sheet, news release and other customizable resources. More information can be found at <http://www.learningfirst.org/backtoschooltoolkit>.

Information From Other Agencies and Organizations

United States Senate Youth Program (USSYP)

In New Hampshire each high school principal may nominate one eligible student. Selection will be based on academic accomplishments, community services, and demonstrated qualities of leadership as elected high school student body officers for the 2016-2017 school year. Whether outspoken or soft spoken, the type of student who thrives during Washington Week is one who is truly interested in government, history, politics and leadership and one who has a demonstrated desire to serve others in a leadership capacity. High academic achievement, high aspirations for college and career and other clear examples of self-motivation and creativity often define Senate Youth delegates. A selection committee reviews the nominations and chooses several finalists. All finalists are interviewed in early November by the selection committee. The Committee then selects two primary delegates and a first and second alternate. Alternates will be selected as replacements in the event a primary delegate is for any reason unable to participate in the program's Washington Week. Delegates will travel to Washington (all expenses paid) and receive \$5,000 scholarships. The 54th Annual USSYP will be held in Washington, D.C. March 4-11, 2017. For more information go to www.education.nh.gov/recognition/us_senate.htm. Application deadline is October 19, 2016.

NH Poetry Out Loud 2016-2017

Registration is now open for New Hampshire Poetry Out Loud 2016-2017. High schools and regional groups in the state wishing to participate have until October 17th to sign up; the total number of registrations is limited to 40 groups. Managed in New Hampshire by the N.H. State Council on the Arts, Poetry Out Loud is a nationwide program that offers free educational materials to schools to help students master public speaking skills, build self-confidence and learn about their literary heritage. New Hampshire educators interested in having their high school or regional group participate in New Hampshire Poetry Out Loud and who would like more information can go to <http://www.nh.gov/nharts/programservices/POL/2017/index.html> or contact Julianne Gadoury at (603) 271-0791 or julianne.gadoury@dcr.nh.gov.

Voting Open for NH Literary Awards

In partnership with the NH Writers' Project, the NH Center for the Book invites readers to vote for their choice among the titles nominated for the 12th New Hampshire Literary Awards (<http://www.nh.gov/nhsl/bookcenter/programs/literary.html>). There are specific award categories for both children's books and young adult books. Vote at <https://www.surveymonkey.com/r/NHLitAwdRC2016> before midnight on September 30, 2016. The Readers' Choice winners will be announced at the New Hampshire Literary Awards event on November 3, 2016.

Letters About Literature Deadlines

The Center for the Book at the NH State Library will be coordinating Letters About Literature in NH this coming school year. This competition is for students in grades 4-12 and asks young readers to write a letter, as if to the author, about a book that affected their perception of the world. Level 3 (high school) has a postmark deadline of Friday, December 2, 2016. Levels 1 and 2 (upper elementary and middle school) have a postmark deadline of Monday, January 9, 2017. To get the latest info on LAL in NH in your e-mail, sign up at <http://lal.nhbookcenter.org>. Additional details, including required entry coupons, will be available on the Web site in September.

Voting materials available for 2016 Ladybug Picture Book Award

Schools, libraries, day care centers, and any other location where NH children (aged preschooler to third grade) gather may be a voting site for the Ladybug Picture Book Award. To be a voting site you need to share the ten nominated books (listed at <http://ladybug.nhbookcenter.org>) with the kids and conduct an election with all 10 titles in the fall of 2016. Picture ballots are available at <http://ladybug.nhbookcenter.org> as well as the required tally sheet (there is a paper option or an online one). The deadline for sending in votes is Friday, December 9, 2016 at 4:30pm. The Ladybug Picture Book Award is sponsored by the Center for the Book at the NH State Library and was established to promote early literacy and honor the best in recent children's picture books.

Youth Mental Health First Aid Training

Youth Mental Health First Aid is a free day-long course designed to teach parents, family members, caregivers, teachers, school staff, peers, neighbors, health and human services workers, and other caring citizens how to help an adolescent (age 12-18) who is experiencing a mental health or addiction challenge or is in crisis. Youth Mental Health First Aid is primarily designed for adults who regularly interact with young people. The course introduces common mental health challenges for youth, reviews typical adolescent development, and teaches a 5-step action plan for how to help young people in both crisis and non-crisis situations. Topics covered include anxiety, depression, substance use, disorders in which psychosis may occur, disruptive behavior disorders (including AD/HD), and eating disorders. UNH Cooperative Extension is hosting the following training sessions:

- September 23rd, Wilton, to register, please visit: <http://goo.gl/SFOOaM>
- October 29th, Walpole, to register, please visit: <http://goo.gl/3JZ1wb>

To schedule a Youth Mental Health First Aid training for your organization or to get more information, please visit: <http://goo.gl/oiMZK3>.

UNH Learn for Life

UNH Professional Development & Training offers a variety of non-credit professional development workshops and conferences for educators. Fall non-credit workshops are currently open for registration. For more information go to <http://learnforlife.unh.edu/profdev>, contact (603) 862-7380 or email professional.development@unh.edu.

Wright Museum of WWII

The exhibit "Infamy: December 7, 1941" is featured at the Wright Museum of WWII from August 29-October 24, 2016. This is a powerful photographic exhibit commemorating the 75th anniversary of the attack that plunged American into WWII. The exhibit, featuring 66 dramatic photographs, will appeal to individuals and families alike. For members of the Greatest Generation and their children, "Infamy" will bring back memories of when Americans united to fight a common foe. For succeeding generations, the exhibit will be a lesson about preparedness, sacrifice, and patriotism. For more information go to www.wrightmuseum.org.

- For more information about how you can integrate a museum visit into your U.S. History/WWII unit go to www.wrightmuseum.org/school-program.html.

Aviation Day and Runway 5K

The Aviation Day and Runway 5K at Concord Airport is a family-friendly event focused on aviation themed activities. The Aviation Day portion of the event is free. There will be a static display of aircraft and heavy equipment often used during airport construction projects; exhibitor tables with STEM-focused interactive activities for all ages; and free airplane rides for kids ages 8-17. The Runway 5K (paid registration required) allows walkers and runners to see an airport like very few every get to see it, from the actual runway. The event will be held on Sunday, October 2nd at Concord Municipal Airport from 9:00 a.m. – 2:00 p.m. For more information visit www.runway5knh.com.

NH Wildlife Calendar

If you need a fall fundraiser for your school, club or community group, try selling the 2017 New Hampshire Wildlife calendar. All sales support the New Hampshire Fish and Game Department's work conserving wildlife and wild places, and your organization keeps \$4.95 on each calendar sold. Ready to get started? Get your calendar sales kit for your group today at www.wildnh.com/shop/calendar-fundraiser.html or call (603) 271-6355 to request a group sales kit by mail or e-mail.

We hope you found this edition of the NH DOE messages informative and useful. If you have feedback or questions, please send an e-mail to lori.kincaid@doe.nh.gov. If you received this e-mail from a colleague and want to subscribe to receive this newsletter directly, please go to <http://maillist.nh.gov/list/doe/?p=subscribe&id=7>