

Bureau of Standards and Instructional Support

BSIS

Florida Department of
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We would like to welcome our new Bureau Chief, Dr. Steve Neely!

Health Education**I. Child Human Trafficking**

In 2010, the Florida's Sexual Health Education Community Outreach Tool Kit was created to provide communities with information to assist in the reduction of teen pregnancies and STDs while improving the overall health and academic success of students. Healthy Schools created an addition to the tool kit entitled Child Human Trafficking, which Commissioner Pam Stewart approved in 2014. This chapter was designed in collaboration with the Governor's Office of Adoption and Child Protection to provide resources to identify human trafficking and raise awareness within the community. Florida has been identified as a hub for human trafficking activity, citing one of the highest incidences of human trafficking in the country.

- ⌘ The Child Human Trafficking chapter can be accessed at:
http://www.fldoe.org/BII/CSHP/Education/HIV_STD/pdf/HumanTraffickingToolkit.pdf
- ⌘ The Florida's Sexual Health Education Community Outreach Tool Kit may be viewed in its entirety at:
http://www.fldoe.org/BII/CSHP/Education/HIV_STD/sexualhealthtoolkit.asp

- II. The 2014 Healthy Schools Summer Academy** is June 9 - 10 at the University of Florida's Straughn Extension Center in Gainesville, Florida. The academy is a professional development opportunity for teachers of health education and physical education content with special emphasis on other subject area courses with integrated health education benchmarks. Online registration is open until Friday, April 4 at a cost of \$50.00 per person. The academy registration can be accessed on through the [Healthy Schools website](#).

Comprehensive School Physical Activity Program Guide

- A Comprehensive School Physical Activity Program (CSPAP) is a multi-component approach by which school districts and schools use all opportunities for students to be physically active, meet the nationally-recommended 60 minutes of physical activity each day and develop the knowledge, skills and confidence to be physically active for a lifetime. A CSPAP reflects strong coordination and synergy across all of the components: quality physical education as the foundation, physical activity before, during, and after school, staff involvement, and family and community engagement.
- The Centers for Disease Control and Prevention (CDC), in collaboration with [American Alliance for Health, Physical Education, Recreation and Dance \(AAHPERD\)](#) developed a [step-by-step guide](#) for schools and school districts to develop, implement and evaluate comprehensive school physical activity programs. The guide can be read and utilized by an existing school health council or wellness committee, or by a new group or committee made up of physical education coordinators and teachers, classroom teachers, school administrators, recess supervisors, before- and after-school program supervisors, parents and community members. It can be used to develop a new comprehensive school physical activity program or assess and improve an existing one.

Carolyn Deeb is the Southern District Middle School Physical Education Teacher of the Year

- Congratulations to Carolyn Deeb, a middle school teacher from Orange County, who was selected as the Southern District Middle School Teacher of the Year. This is a tremendous honor and we are so proud of her for representing both Florida and Southern District at the national level. Good luck to Carolyn as she goes through the rigorous process of interviewing to potentially become the National Middle School Physical Education Teacher of the Year!
- [Click here](#) to view a list of all the award winners who will be recognized at the AAHPERD convention in April.

Florida Alliance for Health, Physical Education, Recreation, Dance and Sport (FAHPERDS)

- Save the Date for the 2014 FAHPERDS conference! It will be held October 16-18, 2014 at the Tradewinds Island Resort in St. Petersburg, Florida.
- If you are interested in presenting at the conference, please [click here](#) to submit a program proposal. The deadline for program proposals to be received is **April 15, 2014**.

Music in Our Schools Month, Theatre in Our Schools Month and Youth Arts Month

March is a busy month for the arts with three national celebrations: Music in our Schools Month, Theatre in Our Schools Month and Youth Art Month. The arts help foster creativity, problem-solving and critical thinking skills, and give us an enhanced quality of life by providing enjoyment, increased mental acuity and pragmatic tools for everyday use.

In addition to what we normally think of when it comes to art (creation primarily for pure aesthetic and intrinsic beauty), various industries employ artists to help in the creation of utilitarian products, from wallpaper and curtains to stemware and flatware. Many musicians are not only involved in the creation of the music that we enjoy on our mp3 players, but also compose and arrange for film scores, create music for video games and work with music instrument and electronics manufacturers. Theatre is enjoyed by many for entertainment, but the collaborative, improvisational and speaking skills that actors learn can transfer to successful group participation in the workforce, the ability to problem-solve under pressure, and articulate, poised public speaking.

During the month of March, take time to celebrate the arts by thanking your arts teachers for their “creative” and hard work, and by doing some enriching arts activities with both your students and your children at home.

Award for Excellence and Innovation in the Arts

The College Board is now accepting applications for the 2014 College Board Award for Excellence and Innovation in the Arts. There are three categories for awards: Arts Integration, Equity through Arts, and Civic Engagement/Professional Partnerships. The application deadline is April 4, 2014. For more information please visit:

https://artsaward.collegeboard.org/?ep_ch=PR&ep_mid=10863741&ep_rid=173692746

GRAMMY Music Educator Award

This award recognizes excellence in music educators. The application deadline is March 31, 2014. For more information please visit: <http://www.grammyintheschools.com/programs/grammy-music-educator-award/faq>

STEM Education

I. Mathematics Standards Changes

The State Board of Education approved the proposed standards changes at the February 18, 2014 board meeting. Details can be found at <http://www.fldoe.org/eduaccsummit.asp>.

Wording was changed/added to 24 mathematics standards for clarity. Two standards were deleted, one of which was moved to a new grade level becoming a new standard in that grade. There were 8 newly created standards. Some say that there are 60 newly created standards because they are combining the 8 with the 52, but those 52 NGSSS standards that have been kept are all from the calculus strand. The wording was not changed in any way. They need to be

kept in order for Pre-Calculus and Calculus to still be offered. The updated standards can be seen on CPALMS at <http://www.cpalms.org/Public/search/Search>. Type *mafs* as the keyword.

The new standards have an *a* or a *b* as the 5th place holder in order not to mess up any of the clusters. They can be seen on CPALMS at <http://www.cpalms.org/Public/search/Search>. Make sure that **ONLY Show Subject and Show Grade** are checked, as shown below.

Browse and Search Standards

You can apply different filters and search terms to browse the Standards

Enter Search Phrase: Subject ▾ Grade ▾

Show Subject
 Show Grade
 Show Domain/Strand
 Show Topic/Cluster
 Grid View
 List View
 Show Color
 Show Remarks

Click *CCSS: Mathematics*. Choose the appropriate grade level, and all the standards for that grade level will appear on the screen. Remember, the standard with *a* or *b* as the 5th place holder is the new standard.

II. NSF Grant Opportunities

If you are a part of a NSF MSP partnership here in Florida and might be interested in increasing the number of qualified computer science teachers and the number of high schools with rigorous computer science courses, this would only be relevant to you. According to NSF's solicitation, these grant opportunities are limited to awards that aim to **expand the work of previously funded NSF MSP Partnerships**. You might want to take note of the following two NSF grant opportunities for STEM-C Partnerships:

A. [STEM-C Partnerships: MSP \(STEM-CP: MSP\), NSF 14-522](#)

Full Proposal Deadline: March 18, 2014

To view full solicitation, go to: <http://www.nsf.gov/pubs/2014/nsf14522/nsf14522.htm>

B. [STEM-C Partnerships: Computing Education for the 21st Century \(STEM-CP: CE21\), NSF 14-523](#)

Full Proposal Deadline: March 18, 2014

To view full solicitation, go to: <http://www.nsf.gov/pubs/2014/nsf14523/nsf14523.htm>

III. STEM TIPS

The University of Florida and the Florida Department of Education are establishing a teacher induction support system with partner school districts that will serve as a model statewide. The features included in this online system of support for new science and math teachers includes online mentoring, professional development, and networking opportunities with their peers.

The goal for *e-Posium* is to provide an online platform for sharing exemplary practices and facilitating discussions regarding innovative strategies, projects, or programs in STEM teacher education.

Registration is now open for the Spring 2014 *e-Posium* Series. You may register [here](#) and participate in one, two, or all three of the events.

Session 1- February 19, 2014 at 3:30 p.m.-5:00 p.m. (This session has ended. Click [here](#) for the archived version.)

Guest Speaker, Alyson Mike (Senior Director, Online Professional Development, New Teacher Center), will discuss the revolution of teacher induction and professional support through online mentoring.

Session 2- March 19, 2014

e-Posters from teachers and coaches from around the state will be presented in our online Gallery Walk. The link will be posted and shared via email with everyone who registered for the Spring 2014 *e-Posium* Series.

Session 3- April 15, 2014 at 3:30 p.m.-5:00 p.m.

Alyson Mike will participate in a round-table discussion with participants, and one of the highlights will include the sharing of reactions and questions to the e-Posters.

All Fall 2013 STEM TIPS webinars are archived and accessible at education.ufl.edu/stem-tips/. If you encounter any difficulty, please don't hesitate to contact Jason Dean Arnold at jda@coe.ufl.edu.

IV. Kavli "Science in Fiction" Video Contest

The USA Science & Engineering Festival, in association with the Kavli Foundation, has launched the [Science in Fiction](#) video contest. Using scenes from popular science fiction movies and TV shows, and video games, grades 6-12 students will create 30- to 90-second videos that investigate how science fictional scenes could be realized using current and developing technologies. The video contest culminates in a popular awards show, hosted by Bill Nye, as part of the Festival, which returns to Washington, D.C. on April 26-27, 2014. The contest officially opens for entries on Nov. 1, 2013 and closes **Mar. 21, 2014**. First prize is \$2000 cash and a travel stipend to Washington D.C. for the Expo. The second prize is \$750, and the third prize is \$500. The People's Choice Award prize is \$250.

Please visit the contest website at <http://www.usasciencefestival.org/2014-festival/2014-contests/kavli-video-contest-2013-2014.html>. Contact Stacy Jannis at (301)585-3981 or jannisprods@earthlink.net for more information.

[How science teachers might use the Kavli Contest in the classroom](#)

[Top finalists from 2012 Kavli Contest](#)

V. **The Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST)**

The PAEMST are the nation's highest honors for teachers of mathematics and science (including computer science). Awardees serve as models for their colleagues, inspiration to their communities, and leaders in the improvement of mathematics and science education. Since 1983, more than 4,200 teachers have been recognized for their contributions in the classroom and to their profession. If you know great teachers, nominate them to join this prestigious network of professionals.

NOMINATIONS ARE NOW OPEN! The 2014 Awards will honor mathematics and science (including computer science) teachers working in grades K-6. Nominations can be completed at <https://www.paemst.org/nomination/nominate> and will close on **April 1, 2014**.

TEACHERS, APPLY ONLINE! Before logging in, please review the [2013–2014 Application Packet \(Adobe PDF\)](#). Applications must be completed by **May 1, 2014**. Go to https://www.paemst.org/home/welcome_teacher?id= for more information.

VI. **Professional Development (PD)**

A. **2014 Florida Standards Professional Development Action Projects (PDAP)**

The Florida Department of Education, Division of Public Schools, is excited to announce that the Request for Application (RFA) to provide funding to support the 2014 Florida Standards PDAP is now available to Florida school districts.

The purpose of this funding is to provide assistance to school districts in implementing a PDAP designed to support teacher professional development and student learning through the Florida Standards in Mathematics and English Language Arts.

The RFA and forms are below, and the deadline for submission is March 31, 2014. District allocations are also below. Please contact Dr. Denise Barrett, K-12 Director of Standards Implementation, at (850) 245- 9526 or denise.barrett@fldoe.org for more information.

[14AT54-Florida Standards 2014-School & District Support District Allocations](#)

[DOE 100A](#)

[DOE 101S - Budget Narrative](#)

[PDAP NARRATIVE SECTION](#)

B. **11th Annual National Training Institute (NTI) on Effective Practices: Addressing Challenging Behavior**

The Florida Center for Inclusive Communities and the Pyramid Consortium are sponsors of this unique and inspiring PD experience to be held on April 23–25, 2014, at the Vinoy Renaissance St. Petersburg Resort and Golf Club in St. Petersburg. The NTI's format

provides an in-depth learning experience built around the pyramid model. The institute brings together experts who skillfully present three-hour workshops offering practical, ready-to-use information on social and emotional development. It is an unparalleled opportunity to increase your skills, build a network of colleagues and become part of a growing professional community who use the pyramid model. For registration information and updated program information, go to <http://nti.cbcs.usf.edu>.

*Remember, we can't teach students if we don't understand and have ways to work with their behavior patterns.

C. **Papers on Mathematics Education**

These sets are papers on mathematics education posted by Hung-Hsi Wu, a mathematician from University of California at Berkeley. They are separated into two groups. The first group consists of papers that are directly related to the Common Core Mathematics Standards, and the second group is related to mathematics education. Within each group, the papers are given a general heading(s) before each title ("General", "Curriculum", "Professional Development"), which gives a rough indication of its content. These papers can be found at <http://math.berkeley.edu/~wu/>.

VII. **Did You Know...?**

A. **Mathematics Formative Assessment System (MFAS)**

The system includes tasks or problems that teachers can implement with their students and rubrics that help the teacher interpret students' responses. Teachers using MFAS ask students to perform mathematical tasks, explain their reasoning, and justify their solutions. Rubrics for interpreting and evaluating student responses are included so that teachers can differentiate instruction based on students' strategies instead of relying solely on correct or incorrect answers. The objective is to understand student thinking so that teaching can be adapted to improve student achievement of mathematical goals related to the standards. Like all formative assessment, MFAS is a process rather than a test. Research suggests that well-designed and implemented formative assessment is an effective strategy for enhancing student learning. This system is available on [CPALMS](#) to all stakeholders in Florida, including teachers, parents and students, at no cost. Please visit <http://www.cpalms.org/Resource/mfas.aspx> for a list of available and under development components.

B. **CPALMS Training Programs**

With the expansion in resources and tools, providing professional development becomes a must. The CPALMS team is dedicated to spreading the word to make sure every Florida teacher knows about CPALMS, recognizes what it can do to help them, and understands how to use it. In addition to the online tutorials, the team is also available to deliver free on-site and online training that is customized to your needs. Just fill out the form found at <http://www.cpalms.org/CPALMS/pd.aspx#pdrequest>, and they will contact you to get one set up.

Note: Free training programs are only available for Florida's public schools/districts (including charter schools), private schools, and colleges/universities.

C. Task Talks

Illustrative Mathematics has introduced *Task Talks*. They announce a task of the week every Tuesday on their [Facebook](#) and [Google+](#) pages. The following Monday night at 7 p.m. EST, they host a webinar to discuss the task. You can RSVP for the webinar at <http://bit.ly/1dBJ33g> and join on Adobe Connect at <https://illustrativemathematics.adobeconnect.com/tasktalk/>.

VIII. AP Physics 1 and 2

The course code number for AP Physics 1 is 2003421, and the course code number for AP Physics 2 is 2003422. This can be found at <http://www.fldoe.org/articulation/CCD/files/1415CCDBasic9-12.pdf> in the draft 2014-2015 Course Code Directory (CCD). The CCD has been approved by the State Board of Education, but the official has not been posted.

Please visit <http://www.collegeboard.org/> for information about AP courses and curriculum. The AP Physics 1 and 2 Curriculum Framework and course overviews can be accessed using the links below.

<https://apstudent.collegeboard.org/apcourse/ap-physics-1>

<https://apstudent.collegeboard.org/apcourse/ap-physics-2>