

Arkansas STEM Coalition eNews - November 2017 Issue 19



December 2017						
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## Arkansas STEM December Quarterly Meeting!

When: Friday, December 8, 2017 from 11am to 1pm

Where: University of Arkansas Pulaski Technical College

Campus Center

Grand Hall A/B

3000 W Scenic Dr

North Little Rock, AR 72118

Map: <https://goo.gl/N5aYBb>

Campus Map: <https://goo.gl/DWvU5d>

Parking: On the west side of the Campus Center

Registration in the Foyer outside Grand Hall A

Registration fee: \$25 if invoiced or payment is received before December 7,

2017, cost is \$30 on December 8 at the door.

You may prepay with a credit card, by mailing a check or requesting an invoice. Details are available on the registration form <https://goo.gl/m1DouW>.

Come learn about the latest in STEM activities in the state at the December Quarterly Meeting.

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The Arkansas STEM Coalition and the Arkansas Department of Career Education are supporting 3 new State STEM Girls Leadership Conferences.

**Colleges. dates and registration links are below.**

1. University of Arkansas Monticello -November 10, 2017 <https://goo.gl/ghEbKd>
  2. Southern Arkansas University - November 16, 2017 <https://goo.gl/HBjkKh>
  3. Henderson State University - November 30, 2017 <https://goo.gl/VbWKY4>
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The Arkansas STEM Coalition invites you to attend the Second Arkansas STEM Summit to be held on **February 12-13, 2018**, co-sponsored by AdvancED Arkansas, Arkansas STEM Coalition and the Arkansas Out-of-School Network. The Summit will be held at the DoubleTree Hotel in Little Rock, Arkansas. Summit sessions will focus and target effective STEM practices and strategies for engaging student learners in STEM education. The Summit is designed for all community and business entities, legislators, higher education, pre-K- 12 public and private institutions, out-of- school time program professionals and informal STEM educators, school board members, superintendents, central

office personnel, principals and teachers. Participants are encouraged to bring mobile technology devices as some sessions will be interactive.

Sign ups will be made available soon.



Today, less than 25% of computing jobs are held by women and that number is declining. [Girls Who Code](#) is working to reverse this decline. In just 5 years, Girls Who Code has taught 40,000 middle and high school girls across all 50 states to code. We would love to work with schools, colleges, and non-profits across Arkansas to bring our FREE after-school [Clubs](#) program to 6-12th grade girls in your community! Facilitators do not necessarily need to have a background in computer science to lead Clubs. Girls Who Code provides [\\$300 of support](#) if a Club launches by December 1 which Facilitators can use for snacks, a field trip, or even t-shirts. Have questions or need additional information? Contact Community Partner Manager for Arkansas, Keya Wondwossen at [keya@girlswhocode.com](mailto:keya@girlswhocode.com).



The Mars Generation Space Camp Scholars applications are now open.

**Click the Logo for more information.**

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### Upcoming Events

November 10, 2017 - UAM-2017 Stem Leadership For Girls

November 16, 2017 - SAU-2017 Stem Leadership For Girls

November 16, 2017 - Coding Bootcamp, Stem Center Henderson State University

November 30, 2017 - HSU-2017 STEM Leadership for Girls Conference

November 30, 2017 - Tinkering 101, Scott Family Amazeum, Bentonville AR

December 5, 2017 - Understanding NGSS for Administrators/Facilitators, Stem Center Henderson State University

December 8, 2017 - Arkansas Stem Quarterly Meeting, Pulaski Tech

January 8, 2018 - Mid America Science Museum Workshop #1

February 12-13, 2018 – STEM Summit 2.0, DoubleTree Hotel, Little Rock

If we are missing your event, please send the information including a contact person to [info@arkansasstemcoalition.com](mailto:info@arkansasstemcoalition.com).

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**19**

**MINUTES  
PER DAY**

On average, K-3 students spend **19 minutes** per day on science and **89 minutes** per day on language arts.

{CHANGE THE  
EQUATION}

**STEM**tistics

# University of Arkansas at Pine Bluff STEM Center Focus

The UAPB STEM Academy is a well integrated set of enrichment programs designed to help meet local, state and national human resource needs in STEM areas. As an HBCU with a land grant mission, the University of Arkansas at Pine Bluff (UAPB) has a legacy of service to underserved, rural and minority populations. The STEM Academy reflects this mission and has a particular emphasis on helping to increase the pool of well-prepared underrepresented minorities in STEM majors and careers.

Currently, there are three enrichment initiatives, including the NSF-funded HBCU-UP Comprehensive Implementation grant which is foundational to the STEM Academy; the NSF-funded Arkansas Louis Stokes Alliance for Minority Participation grant which is reflective of best practices learned in the HBCU-UP STEM Academy; and the U.S. Department of Education funded M.Ed. Degree in Science and Mathematics Education Program. All are designed to help meet research, teaching, and industry needs in science areas, with a particular emphasis on diversity in these critical area. The Arkansas Science and Technology Authority is also a major partner in these initiatives.

Some key components of the STEM Academy initiatives include: Guest Lecture Series, advisory board, Pre-First Year Summer Institutes/Academy, hands-on research/mentoring experiences, internships, study groups, curricula and infrastructure upgrades. Currently, the STEM Academy has 229 undergraduates and six graduate students.

For more info on UAPB's STEM Academy, click the logo below.



