



Arkansas Association of School Librarians

July 20 & 21, 2017

Holiday Inn Airport Conference Center

Arkansas Regional Innovation Hub

Little Rock, Arkansas



### **From the Chair-Elect:**

Thank you for attending the Arkansas Association of School Librarians summer workshop this year. The focus of this year's workshop is *Makerspaces*, and I am excited about the presenters and activities we have lined up for you. In addition, this is an excellent opportunity for you to network with other librarians and make new professional friends. It is my hope that you will take away at least one great idea you can implement in your library.

Cassandra Barnett

ArASL Chair-elect

### **General Conference Information**

#### **Name Badges**

Your conference name badge is your personal identification and official pass to all events including dinner at the Regional Innovation Hub and the breakfast on Friday. Please wear it at all times. You will notice that your name tag has a color dot. This dot indicates which group you will be in while we are at the Innovation Hub. Please stay with your group during the two workshop sessions.

#### **Staff Development Documentation**

In order to receive professional development credit for the workshop, you **MUST** sign in at each session. The sign-in sheets are our documentation of your attendance for the Arkansas Department of Education. There will also be a documentation sheet included in your registration packet for you to complete and keep with your records for your district. If you attend all sessions, you will receive 12 hours of PD credit.

#### **Innovation Hub**

Directions to the Hub: From the Holiday Inn, get on I-440 W. Take Exit 138 toward Downtown Little Rock and stay on I-30/US-167N/US-65N. Take exit 141B and turn left toward E. Broadway. Turn right on N. Popular St and park in either the parking lot just west of the Innovation Hub or the parking lot on 4<sup>th</sup> St. across from the Innovation Hub. Go in the 4<sup>th</sup> St. Entrance (red doors). There is plenty of parking but, if possible, I recommend carpooling.



## Conference at a Glance

### Thursday, July 20

10:30am – 1:00pm	Conference Registration	Under Skywalk
12:00pm – 1:50pm	First General Session: Hackathon	Kittyhawk North
1:50pm – 2:20pm	Venue Transition	Ark. Regional Innovation Hub
2:30pm – 3:30pm	General Session: Makerspaces in the Library Setting	Ark. Regional Innovation Hub
3:30pm – 5:00pm	Group 1: Art Workshop Group 2: Tech Workshop	Ark. Regional Innovation Hub
5:00pm – 6:30pm	Group 2: Art Workshop Group 1: Tech Workshop	Ark. Regional Innovation Hub
6:30pm – 7:30pm	Dinner / Q&A Session	Ark. Regional Innovation Hub
7:30pm – 8:30pm	Open Making Session	Ark. Regional Innovation Hub

### Friday, July 21

8:00am – 8:30am	Breakfast	Kittyhawk North
8:30am – 10:00am	Welcome, announcements Colleen Graves: Making and Literacy	Kittyhawk North
10:00am – 10:15am	Break	
10:15am – 11:15am	Breakout Sessions	Lindberg, Enterprise, Hobby
11:15am – 11:45am	Break and Snacks	Solarium
11:45am – 12:45pm	Breakout Sessions	Lindberg, Enterprise, Hobby
12:45pm – 1:15pm	Wrap-up & Door Prizes	Kittyhawk North



## Keynote Speaker: Colleen Graves



### Making and Literacy

Colleen Graves is a high school librarian and blogger, obsessed with Learning Commons transformations, Makerspaces, Makey Makey, technology education, making stuff, and getting girls involved in STEM. She offers the unique perspective of starting/creating two different makerspaces and Girl STEM groups in established public schools. Colleen writes and presents about creating Makerspaces in the book [Challenge Based Learning in the School Library Makerspace](#). Plus, she collaborated with her husband to create two makerspace project books for makers of any caliber [The Big Book of Makerspace Projects](#) and [20 Makey Makey Projects for the Evil Genius](#).



## Presenters

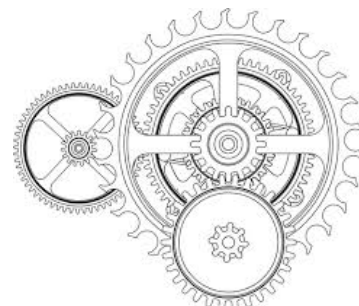
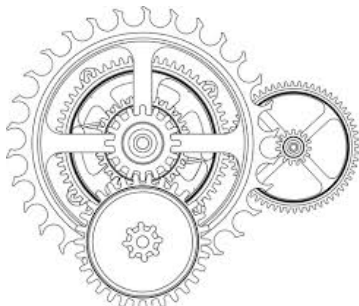
**Tressie Fowler, NBCT**, is in her 22nd of year teaching, and is currently middle and high school LMS with 21 years in the Danville School District. In 2016 she received the ARKSTE “Making IT Happen” award, 2006 PAEMST state finalist, double master’s from ATU in Gifted & Talented and Instructional Technology. Follow her Insta @lj\_high\_school\_library, Facebook@dhslibrarymediacenter, Twitter@Tressie\_Fowler #youshouldvisithelibrarymoreoften #morethanjustbooks.

**Brittney Kugler** is the Professional Learning Specialist at the Arkansas Museum of Discovery. She leads professional development opportunities for traditional and non-traditional educators, innovates new STEM programs and activities, delivers STEM outreach programs to schoolchildren of Arkansas, and assists in community wide events at the Museum of Discovery in Little Rock. She also conducts and develops Making and Tinkering activities that integrate new technologies with familiar materials.

**Brian Johnson** has been a school librarian for 8 years. He has been a National Board Certified media specialist since 2012 and currently serves as the school librarian at Lakeside Junior High School in Springdale, Arkansas. In his spare time, he loves to read, run, play with new technology and spend time outdoors with his family.

**Erin Shaw, Ed.D.**, has been an AAIM member for 17 years, serving on various committees, conference chair and as president of AAIM. She is currently in her 24th year of public school education. She taught secondary science for seven years and has been a school librarian for 17 years. She is the Greenbrier Middle School LMS and is an adjunct faculty member of UCA in the Department of Leadership Studies in the Library Media and Information Technologies program. She just completed her doctorate in Instructional Design and Technology through the University of Memphis. Erin has been married to Jeff for 22 years and they have three great kids Joseph (17 years), Thomas (14 years) and Lonnie (9 years).

**Amy Shipman** is the K12 school media specialist for Mountain Pine School District. Before working at a school she worked at the Garland County Library in Hot Springs, Arkansas. Amy has a Bachelor’s in History from Arkansas Tech University and a Master’s in Library and Information Studies from Florida State University.



Thursday, July 20, 2017

General Session 1

12:00pm – 1:50pm

General Session 1 – Non-Coders’ Hackathon

12:00pm – 1:50pm *Kittyhawk North*

Facilitator – Cassandra Barnett, Program Advisor for School Libraries, Arkansas Department of Education

Audience – ALL

What is *hacking*? Hacking is the playful solving of problems by addressing them as parts of a system or culture. It’s about improvement of the system and how each of us can work together, leveraging collective intelligence to create the *code*. It’s about continual improvement of our profession. It’s about growth, collaborative dreaming, out-of-the-box thinking and teamwork. In our hackathon, participants will choose a topic, discuss a variety of challenges, identify one challenge, innovate a design solution and pitch it to the whole group.

**Snacks will be provided!**

**Transition to the Arkansas Regional Innovation Hub**

**1:50pm – 2:20pm**

General Session 2 – Makerspaces in the Library Setting

2:30pm – 3:30pm

Facilitator – Joel Gordon, Executive Director, Arkansas Regional Innovation Hub

Audience – ALL

Learn about the Innovation Hub and its outreach to students, teachers and entrepreneurs. Mr. Gordon will address the issue of starting and sustaining a makerspace in your library.



3:30pm – 5:00pm Participants have been assigned a group (check nametags) and proceed to the areas designated. Innovation Hub staff will provide instructions on where the groups meet and will conduct the workshops.

**Red Group: Art Workshop**

**Blue Group: Tech Workshop**

5:00pm – 6:30pm Participants move to second workshop as directed by Innovation Hub staff.

**Blue Group: Art Workshop**

**Red Group: Tech Workshop**

6:30pm – 7:30pm	Dinner / Q&A Session	Catering by Capers
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7:30pm – 8:30pm Open Making Session  
The resources of the Innovation Hub are at your disposal and you are only limited by your imagination!

Friday, July 21, 2017
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8:00am – 8:30am Breakfast *Kittyhawk North*

General Session 3 *Kittyhawk North*

8:30am – 10:00am

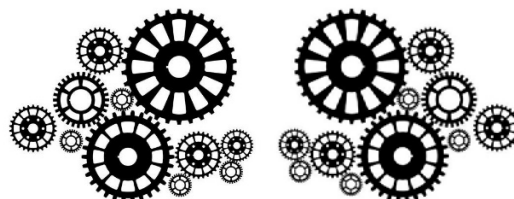
Facilitator – Cassandra Barnett Welcome and announcements

Speaker – Colleen Graves Making and Literacy

Audience – ALL

In this general session, learn how inquiry can drive hands-on learning and student agency. Find out how the making/inquiry cycle mimics the writing process and visualize how making and literacy fit together naturally. You'll walk away with big ideas on how maker education can hack traditional literacy and transform teacher and student mindsets.

10:00am – 10:15am	Break
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10:15am – 11:15am Breakout Sessions

**Hacking Literacy with Maker Education**

10:15am – 11:15am *Enterprise*

Presenter – Colleen Graves

Audience – ALL

What if students could use a scientific mindset to create poetry with hands on learning experiences? You'll learn how to hack traditional literacy instruction with maker education in this concurrent session. Poetry, inquiry, and writing habits will all level up in this session chocked full of maker education with curriculum connections.

**Curious Cardboard Construction**

10:15am – 11:15am *Lindberg AB*

Presenter – Brittney Kugler

Audience – ALL

In this hands-on session, participants will hear about the work of the Arkansas Discovery Network and ways to bring STEM learning to libraries through making and tinkering. Participants will explore the infinite versatility of cardboard and learn new ways to introduce this common material to students. Staffers from the Arkansas Museum of Discovery in Little Rock will present.

**Beyond the Hour of Code**

10:15am – 11:15am *Hobby*

Presenter – Brian Johnson

Audience – ALL

This session will focus on the “why” and the “how” of teaching coding/programming through the school library. Various free/inexpensive programming options will be explored including AgentSheets/AgentCubes, Finch Robots and Microbits. Participants will have hands-on experiences with different coding options during this session.

**Make IT Happen with littleBits: Unleash Creativity and 21<sup>st</sup>-Century Thinking in Classrooms, Libraries and Makerspaces**

10:15am – 11:15am *Lindberg C*

Presenter – Tressie Fowler

Audience – ALL

Get your hands on littleBits! If you like to make things, this is the session for you! Inspire your students to create solutions to real-world problems with littleBits and powerful STEAM/STEM learning using this exciting platform of easy-to-use electronic building blocks, empowering everyone to create inventions, large and small. Perfect for use in the library media center, Makerspace, or classroom!

11:15am – 11:45am

Snacks and Break

Kittyhawk North



11:45am – 12:45pm

Breakout Sessions

**Invention Literacy**

11:45am – 12:45pm            *Enterprise*

Presenter – Colleen Graves

Audience – ALL

What is Invention Literacy? Put simply, it's teaching our students how stuff works so that they can hack, remix, and make their own stuff. In this concurrent session, you'll discuss techniques to embolden students with creative confidence and the power to change the world! Plus you'll start dreaming up ideas for implementing invention literacy and increasing your students' invention fluency.

**Curious Cardboard Construction**

11:45am – 12:45pm            *Lindberg AB*

Presenter – Brittney Kugler

Audience – ALL

In this hands-on session, participants will hear about the work of the Arkansas Discovery Network and ways to bring STEM learning to libraries through making and tinkering. Participants will explore the infinite versatility of cardboard and learn new ways to introduce this common material to students. Staffers from the Arkansas Museum of Discovery will present.

**Breakout EDU**

11:45am – 12:45pm            *Lindberg C*

Presenter – Amy Shipman

Audience – ALL

Breakout EDU is all about teaching critical thinking, problem solving, collaboration, and can be used in all content areas. Learn how to use Breakout EDU in the classroom, for professional developments, and for library programming.

**Guess My Place through a Mystery Skype**

11:45am – 12:45pm            *Lindberg C*

Presenter – Dr. Erin Shaw

Audience – ALL

Students of all ages enjoy exploring geography, asking questions, and playing games. This session combines all of three outcomes in a series of developmentally appropriate teaching strategies and learning experiences. Join us to engage in the fun aligned with Arkansas state social studies/geography standards, critical inquiry, and higher-order thinking as we connect classrooms with communities, locally to globally.

**Final Wrap-up Session and Door Prizes**

**12:45pm – 1:15pm    *Kittyhawk North***