



WEBINAR SERIES

January 25, 2018

Libraries as Digital Inclusion Champions

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SPEAKERS

- **MODERATOR: Lourdes Aceves**, Senior Program Manager, Urban Libraries Council (ULC)
- **Stacey Aldrich**, Hawaii State Librarian
- **Grier Carson**, Director, Putnam County Public Library, Indiana
- **Amber Gregory**, Coordinator of E-Rate Services, Arkansas State Library

SOCIAL MEDIA

@SHLBCoalition

#Grow2Gig

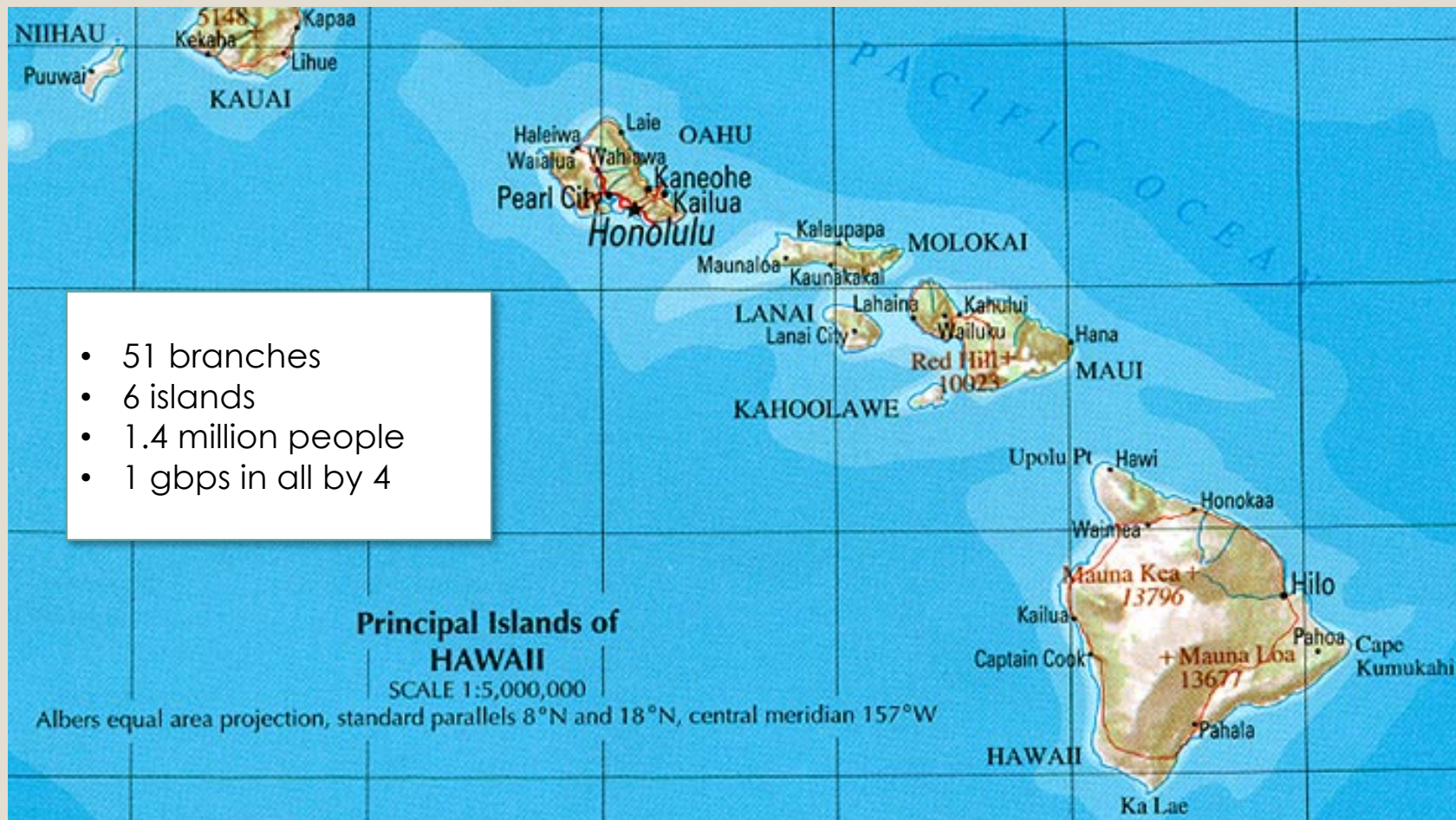


ALOHA!

HOW THE HAWAII STATE PUBLIC LIBRARY SYSTEM CREATES CONNECTIONS

Stacey A. Aldrich | State Librarian | Hawaii State Public Library System
SHLB Grow2Gig+ January 25, 2018 Webinar
Libraries as Digital Inclusion Champions

- 51 branches
- 6 islands
- 1.4 million people
- 1 gbps in all by 4



**We create connections to technology
and learning to support the success of
all that visit through our physical or
virtual doorstep.**

CONNECTIVITY

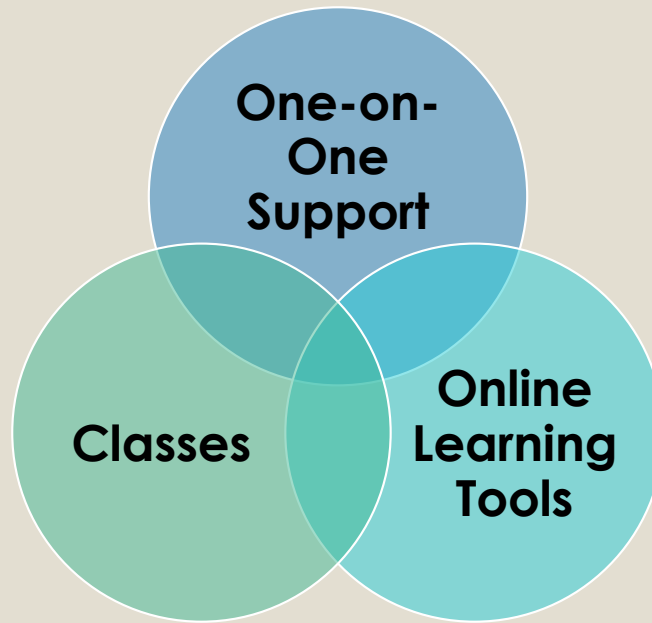


ACCESS DURING NATURAL EMERGENCIES

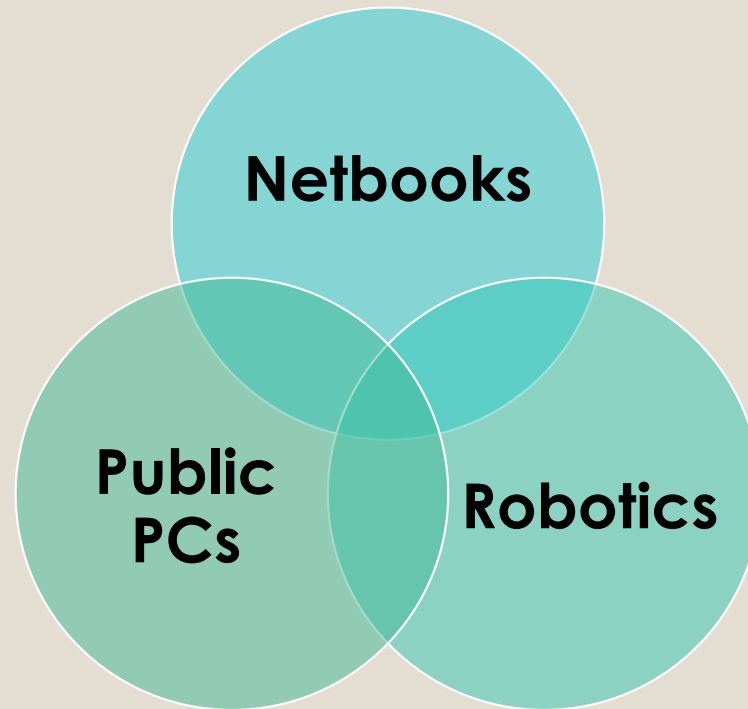


<https://www.npr.org/2014/11/01/360719232/diverting-lava-flow-may-be-possible-but-some-hawaiians-object>

ACCESS TO LEARNING



ACCESS TO TOOLS



STRATEGIES

Build new programs and services by

- Building more Partnerships
- Balancing local & System
- Creating more engaging spaces
- Continuing to build awareness of resources





MAHALO



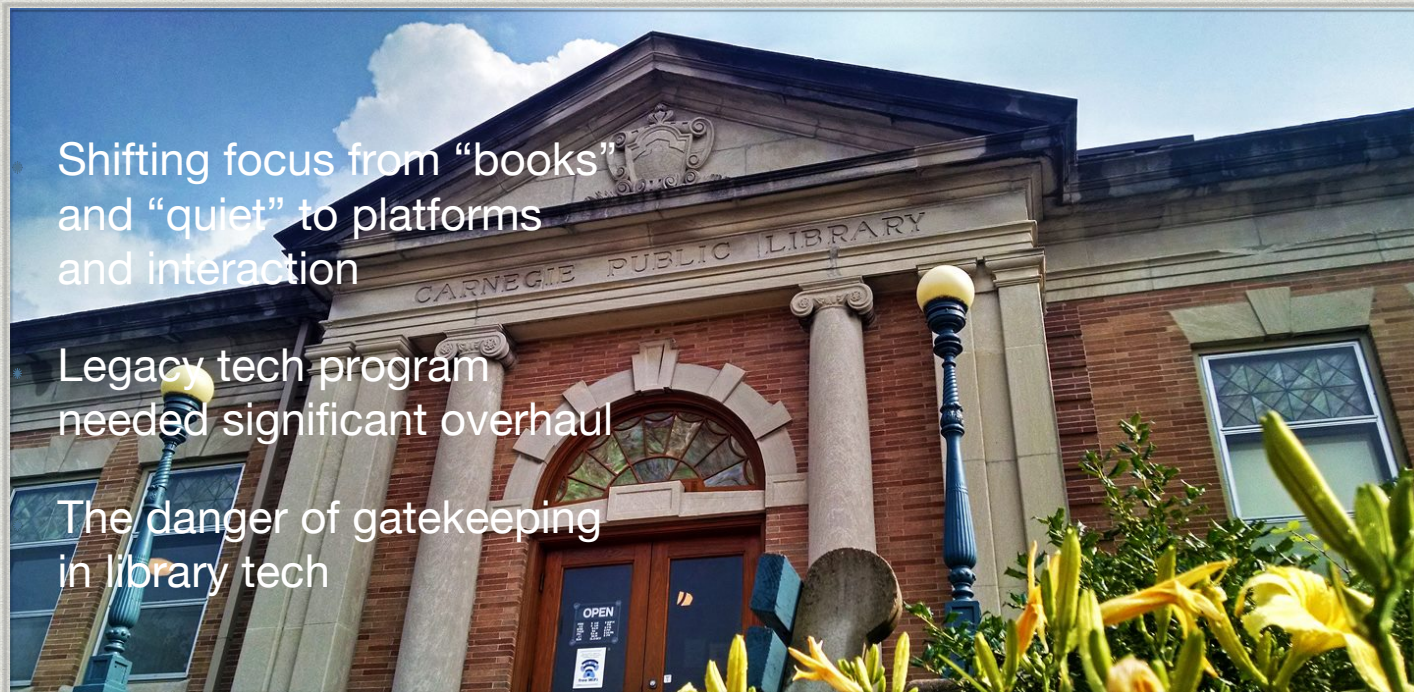
PUTNAM COUNTY PUBLIC LIBRARY

TECHNOLOGICAL SELF-RELIANCE THROUGH DIGITAL INITIATIVES
GRIER CARSON, DIRECTOR, PUTNAM COUNTY PUBLIC LIBRARY

New Technology Plan and Guiding Principles

- * 2015 Technology Plan: closing the digital divide in Putnam County
- * Public library as Technology Hub for community
- * Patron feedback, demographic considerations, and the need to “push” just a little bit

Challenges to Implementing Change



Our New Approach



- Network Assessment and Infrastructural improvements including increased bandwidth
- New mandate for Technology Department
- Diversify network support and move certain functions to the cloud
- Build public technology support program including classes and help desk services
- Create an environment that promotes technological self-reliance by way of interaction with new tools and the development of digital skills
- Programming and outreach initiatives that bring services to remote areas

Where we are in 2018

- Since 2014... network use has tripled while average monthly unique wireless users has increased by a factor of 4. Notable increase in students from middle school through undergraduate levels using the library for the first time
- Help Desk plays a unique role within the community, sees 2 or more users every day it's open with everything from basic troubleshooting to advanced support (wonderful anecdotal evidence of impact on users)
- Technology classes have an average of 20 attendees per session across a schedule of 10 classes per semester, wait list often leads to a second class session being scheduled
- Addition of technology assistants to the department allows for tech outreach sessions throughout the county while improving onsite support
- Supporting area schools with their 1:1 programs, being a designated support center for students (and parents) using iPads, Chromebooks, and Yogas
- Technology programming: STEM Wednesdays, An Hour of Code, VG LAN parties and Minecraft server, open gaming schedules, plans for VR
- Annual Technology Sale: another way to bridge the digital divide!

Donate Your Used Tech!

The FDL are currently accepting donations of used electronics, including:

Laptops
Desktops
Tablets

Cell Phones
Flat Screen Monitors
Computer Cables
Wireless Routers

Computer Components
Printers
eReaders



PUBLIC LIBRARY AS TECHNOLOGY HUB

DIGITAL EXPLORATION
EDUCATION AND SKILLS DEVELOPMENT
AND (ABOVE ALL) ACCESS



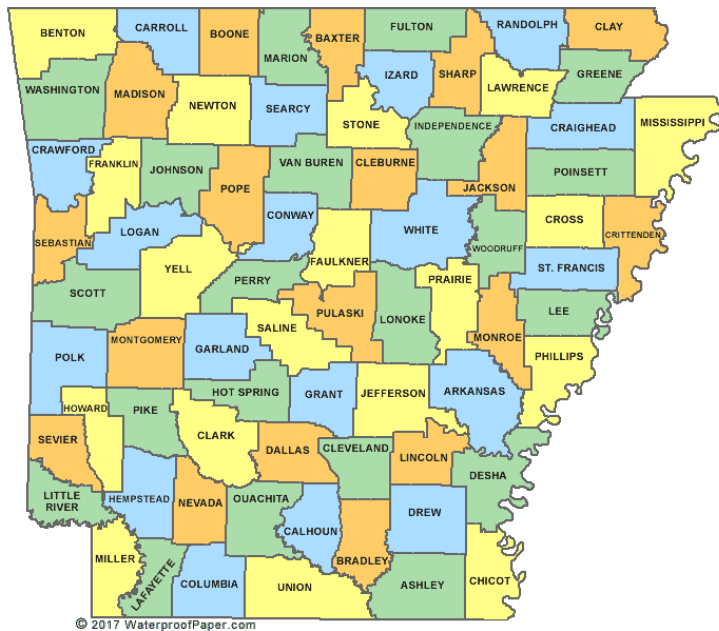
Arkansas Public Library Youth Coding Initiative

Amber Gregory, Coordinator of E-rate Services

Arkansas State Library



Arkansas Library Connectivity



- 225 Public Library Outlets
- Internet Speed:
 - 20 Mbps average
 - 2 Libraries with 1G
 - 12 Libraries with at least 100 Mbps
- For many Arkansas communities, the public library is the only place to go online to seek jobs, fill out government forms, pursue education, and connect with family and friends.

Why Coding?

- National Spotlight on Youth Coding
- Arkansas supports Coding and Computer Science (CS)
 - Public K-12 schools offer CS in every school
 - Support of Governor's Office
 - Arkansas Department of Education supports collaboration
 - Higher Education offers support via 12 STEM centers
- Public Library Interest
 - Many already offering coding programming for youth
 - For others, Where to start?

Project Goal:

Arkansas Public Libraries will...



- Learn the basics of coding to facilitate a program or recruit a knowledgeable volunteer/partner
- Make connections with similar libraries to network and share coding experiences

The Arkansas State Library will gain a statewide picture of which public libraries are coding, what those programs look like and who these programs reach.

Fundamentals of Coding with Kids for Public Libraries

- Trainings offered at various locations throughout the state
 - Basics of block coding
 - Review of available resources





Librarians collaborating on coding project

Fundamentals of Coding with Kids for Public Libraries

Fundamentals of Coding with Kids for Public Libraries

- Participating libraries leave with a Coding in a Box kit to start coding programming at their libraries
 - Robots
 - Lego Robotics
 - Computational Thinking Games
 - Coding Books
 - Workbook (Code.org)





Coding in a Box Kit

Fundamentals of Coding with Kids for Public Libraries

Results So Far.....

- Very positive feedback from participant libraries
- Libraries are offering coding programming for youth
- Collaborations across library type
- Internet Connectivity Important for Success



Tyler Hale • Times-Herald

Coding: Lori Hutcherson demonstrates for members of the Forrest City Public Library Board several robots she coded, or programmed, to move. Hutcherson, coordinator of the library's children and youth services, shows board members two robots the library received from the Arkansas State Library for participating in a training program for coding. The presentation was made during the group's monthly

Thank You!



Special thanks to our webinar sponsor

