

## Pete Pasque from Ann Arbor Public Schools

**Kristin Fontichiaro**

"Motivation by jealousy"

Pete is showing Snap Circuits in this photo - you can [buy a basic set for around \\$35](#) - they are surprisingly good bang for the buck in introducing students to the idea of circuits

MACUL = ed tech conference for K-12 educators. Free membership for all, so librarians from all backgrounds are welcome -- [macul.org](http://macul.org)

Wanna know what hexaflexagons are? You can find a link at the end of Pete's slide deck here:

<http://makinglibraries.si.umich.edu/conference/>

Ben Rearick

Reminder that we welcome questions for Peter throughout. If something strikes you, comment or ask away!

**Laura Hollister**

Really like the assurance I don't have to know everything to do something!

**Kristin Fontichiaro**

Like you, Laura, Pete really believes in the power inside of people, especially nontraditional learners

[@ppasque](#)

pasque@gmail.com

Find the slides for Pete's presentation here: <http://makinglibraries.si.umich.edu/conference/>

Ben Rearick

Thanks, Pete! And welcome to Pam!

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## Pam Williams from Frankenmuth

**Jeff Jimison**

Audio is our Specialty here at THE IDEA LAB! If only we had a transporter... I could beam over straight away.

**Cathy L.**

I liked the idea of having maker tools available as just open hours!

**Kristin Fontichiaro**

Thanks for being patient, everyone!

I love Squishy Circuits!

Pam is the author of a book on [Paper Circuits, available from Cherry Lake Publishing](#)

Y'all need to come see this in person when you're in town for a chicken dinner. It's a crazily efficient use of space!

**Ben Rearick**

This is a beautiful space that wraps under the staircase!

**Jason B**

What a cool spot!

**Kristin Fontichiaro**

These shelves can't be more than 12" deep or 3.5 feet wide -- it's super efficient!

I wholly endorse junk stations!

**Ben Rearick**

Sometimes you need those specially-made furniture pieces -- solving the issues in clever ways!

**Kristin Fontichiaro**

And for little money - the legs are plumber's pipe!

Shown here: LEGO Chain Reactions, Makey Makey, ROBOTICS

Cora is wonderful!

You can keep up with Pam's library at [wicksonlibrary.org](http://wicksonlibrary.org)

**Laura Hollister**

<3 bubble tea!!!

How do you handle check in on the chromebooks? Factory reset?

**Kristin Fontichiaro**

I kid you not: nobody has storage like Pam does. It's my personal Candy Land to visit

**Cathy L.**

Some communities have "junk" stores that may be willing to donate items to your library for STEM programming. Be sure to give them a call and just ask!

**Ben Rearick**

Great point, Cathy!

**Kristin Fontichiaro**

You can use a Cricut or a [Silhouette](#) to cut the t-shirt vinyl -- for about \$200, it's a super-useful investment -- also used for glass etching

[Silhouette can cut paper, fabric, thin foam, etc., digitally](#)

I do recognize Marty!

Good point, Cathy, re junk stores: we have [Scrap Box in Ann Arbor](#) ... and what's it called in Detroit? I forget

**Cathy L.**

[Arts & Scraps?](#)

**Kristin Fontichiaro**

YES

Sewing is popular across ages and genders

**Laura Hollister**

My sons love sewing with LEDs.

**Cathy L.**

@Pam - I sent you an email. ;)

**Jeff Jimison**

(I love [Arts & Scraps](#), just sayin')

**Laura Hollister**

Thank you! We just got some chromebooks given to us. I'm excited now!

**Kathy**

Anybody have an idea what to do with old Kindles?

**Kristin Fontichiaro**

@Kathy - maybe monitors for Raspberry Pi? Plus, you can still use old-model Kindles w/your library's Overdrive acct if that helps

Goodwill Outlet in Flint - scavenge bins and your purchases are weighed by the pound instead of sold by the item

The other one in MI is in [Grandville near GRapids](#)

**Ben Rearick**

If anyone else has additional questions about Frankenmuth Library, Pam is available and so are Kristin and I. Nancy Mousseau from Alpena is up next!

**Peter Pasque**

If the Kindle has a mic you could use them as recording devices for interviews. Or as spy devices for little kids.

**Jeff Jimison**

I've had enormous fun harvesting the ePaper displays from old kindles to re-use as info displays for RaspberryPi, ala this technique here: <https://gizmodo.com/5942166/hack-your-kindle-to-use-it-as-a-raspberry-pi-screen>

**Ben Rearick**

Thanks so much, Jeff! That looks so interesting!

**Kristin Fontichiaro**

Pam has a book about her [Franken Toys project via Cherry Lake Publishing](#)

**Peter Pasque**

Thanks for the resource Jeff!

**Laura Hollister**

I'd love a chat transcript! LOL!

**Ben Rearick**

I think we can make that happen, Laura! Lightly edited!

**Laura Hollister**

thank you!

**Kathy**

yes

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## Nancy Mousseau from Alpena

**Kristin Fontichiaro**

Meet Nancy Mousseau from Alpena County George N. Fletcher Public Library

**Tracy**

Hi Nancy!

**Cathy L.**

Hello, Nancy!

**Kristin Fontichiaro**

572 square miles!?!

Mark Hatch, shown in top middle, is the author of THE MAKER MANIFESTO, which can help you come up with language to unify your community & library colleagues under a single articulated mission. Recommended! You can Google to find the first chapter ([including his manifesto that you can hack](#)) is online)

**Ben Rearick**

As someone who's a fan of multiple literacies, I'm all about this!

**Kristin Fontichiaro**

Common Core State Standards - [corestandards.org](http://corestandards.org) - adopted by 40+ states (sometimes under a different name), including MI

**Ben Rearick**

I'm curious if all of the logos up now are programs that Alpena has done? That's quite the variety!

**Cathy L.**

MI Common Core: [http://www.michigan.gov/mde/0,4615,7-140-28753\\_64839\\_65510---,00.html](http://www.michigan.gov/mde/0,4615,7-140-28753_64839_65510---,00.html)

**Laura Hollister**

I don't think I need to present now. Just re-listen to these amazing talks!

**Kristin Fontichiaro**

Know who you are and who you serve -- yes! Doing some demographic research can help you set/reset your understanding of who is in your community, not just who comes in the door.

**Ben Rearick**

Having multiple staff -- not just one -- participate in the makerspace allows it to be more sustainable as well!

**Kristin Fontichiaro**

You can take this course (and even take it for free) if you're interested in digging into who lives in your community:  
<https://www.edx.org/course/identifying-community-needs-public-michiganx-publib601x>

@Laura - oh, that's not true at all. Each of you tells your story in a slightly different way. You have a totally unique approach. (Good try getting out of the talk, tho, pal!)

<https://strawbees.com/> - Alpena owns the diecuts so they can cheaply punch the plastic connectors to share w/others

**Cathy L.**

@Kristin, this is a great virtual conference!

**Kristin Fontichiaro**

@Cathy - we are so glad you guys are here! Now you see why it was worth skipping summer vacation for us two years in a row!

**Paw Paw District Library**

is your passive space located in your childrens area or in the center of the library?

**Tracy**

I just got this off brand strawbees and put it in our maker space - huge hit, less expensive

[https://www.amazon.com/Constructor-Interlocking-pcs-Colorful-Educational-Skills-Construction/dp/B01DLKCCBU/ref=sr\\_1\\_1\\_sspa?ie=UTF8&qid=1519243297&sr=8-1-spons&keywords=strawbees&psc=1](https://www.amazon.com/Constructor-Interlocking-pcs-Colorful-Educational-Skills-Construction/dp/B01DLKCCBU/ref=sr_1_1_sspa?ie=UTF8&qid=1519243297&sr=8-1-spons&keywords=strawbees&psc=1)

**Kristin Fontichiaro**

@PawPaw - we'll ask Nancy, but when I've seen it, it's both, as the children's area is right when you come in.

**Cathy L.**

Ha! @Kristin children's librarians never get summer vacation. lol

**Alycia M**

Love passive maker spaces! An excellent way to start getting into making at the library.

**Ben Rearick**

Great find, @Tracy!

**Kristin Fontichiaro**

@Cathy I used to be a school librarian. I do love me some summer downtime

**Jenny Hannibal**

Tracy, does it seem durable? Can you use the straws multiple times, or do they crack with one use?

**Cathy L.**

Totally!

**Tracy**

well, it's three days old - but it seems pretty durable, not like straw straws, harder plastic, but still bendy

**Kristin Fontichiaro**

@Jenny - I can speak for the straws I get from Gordon Food Service (Pam @ Frankenmuth gave me that tip for finding the right size!) - they're reusable

Tip: you have to [ask for a license from Maker Media](#) if you want to host a Maker Faire because Maker Media hosts that trademark. Nancy gets around it by calling it a MakerLab Fair. We use MakerFest as a workaround

nancy@alpenalibrary.org

**Tracy**

for the mini maker faire, do you have local people participate with stations?

**Kristin Fontichiaro**

Library's web site: <https://www.alpenalibrary.org/>

Slide decks can be found here: <http://makinglibraries.si.umich.edu/conference/>

Yay for LaVonne!

**Kathy**

Has anyone used sticky bend straws?

**Kristin Fontichiaro**

@Kathy like [Wikki Stix](#)?

**Pam**

Sorry my contact information is wicksonkids@gmail.com (Pam Williams, Frankenmuth)

**Kathy**

could be? I don't know the correct name?

**Kristin Fontichiaro**

Maybe about 6" long and covered with wax?

**Kathy**

yep

**Cathy L.**

Thanks all, gotta step away but I'll try to log back in later

**Jenny Hannibal**

ditto - got double-booked and have to leave, but I look forward to catching up with the presentations later. thanks, all!

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## LaVonne Marshall from Coopersville

**Kristin Fontichiaro**

Meet LaVonne Marshall, director of the Coopersville Library, which has one of the most \*gorgeous\* library renovations I've ever seen in a Class 3 library!

They put big signs near the entrance windows telling their patrons where the renovation would go and what kinds of activities could happen there!

So for months, the public got to build their imagination

**Ben Rearick**

We love "create a pet that makes a sound"!

**Kristin Fontichiaro**

We saw LaVonne's staff working with a kid on video editing when we were there

you can email her for a copy of her video tutorial

See the big makerspace sign in the back? That was where the building extension would be added on months afterward!

<https://www.amazon.com/Celebrate-Your-Creative-Self-exercises/dp/1581801025>

**Ben Rearick**

Finding a niche is so important. You don't want to replicate what's already being done.

**Kristin Fontichiaro**

And that is important because there's a [Farm Museum with hands-on and creative activities](#) for all ages right across the parking lot

If you are in the Grand Rapids area, stop by -- this is an exquisitely designed space

LaVonne's is not the only library where there are more very young participants than expected - we see this elsewhere

**Tracy**

we have an older ellison die-cut machine - invaluable, and we also let the public use it.

**Kristin Fontichiaro**

Buttonmakers are always a hit at public events - [try American Button Machines for indestructable ones](#) - about \$250 but worth it (not that we've ever dropped ours or anything)

**Kathy**

We have Ellison die cut machine [www.ellison.com](http://www.ellison.com) / button maker /

**Ben Rearick**

Or stuck magnets in the wrong end of the button machine....

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## Justin Schell from Ann Arbor (University of Michigan)

**Kristin Fontichiaro**

It's great to hear Justin from the U-M Shapiro Design Lab in the Undergraduate Library here on campus

Justin has been a great collaborator over the years. He's a guest speaker in my class tomorrow! If you have an interest in citizen science in your library, we wanna talk to you!

[@612to651 on Twitter](#)

Third Century grants were internal grants to U-M staff and faculty to encourage new ways of thinking about how/where/when learning happens. Michigan Makers and the Making in Michigan Libraries project got their start from a Third Century Grant on campus

prototype | inspire | explore

See the theme of the power of JUNK?

**Ben Rearick**

I'm a big fan of learning everywhere -- including the library. For youth librarians, this idea of peer learning and even connected learning is very important. More here: <https://clalliance.org/why-connected-learning/>

**Laura Hollister**

If I disappear it's because we've lost power. Some of the city is out.

**Kristin Fontichiaro**

Oh no, Laura!

Laura, look at the phone # in the invitation Ben sent you -- you can get online that way (either via the BlueJeans app or just by phoning in and Ben controlling your slides on his end)

**Ben Rearick**

Programming along with student interest is such a great way to get direction for your space!

**Kristin Fontichiaro**

Did you know that Ben "moonlights" by working with Justin in the Shapiro Design Lab?

**Ben Rearick**

I observed this workshop and the (mock) interview included more direct instruction on how to conduct an interview. It was brilliantly constructed.

Kristin Fontichiaro

LibGuide = academic library talk for a web template used for organizing links and resources for patrons

**Ben Rearick**

<https://www.lib.umich.edu/blogs/lab-notes> Here are some of the student projects that students are doing as residents in the design lab!

**Kristin Fontichiaro**

Some more on Data Rescue events: <http://www.ppehlab.org/datarescue-events/> . Did you know that 40,000

datasets disappeared from government websites in 2017 alone?

<https://www.zooniverse.org/projects/michiganzoomin/michigan-zoomin> This is an awesome way to get libraries' patrons involved in identifying animals and weather to help U-M zoologist get baseline data about Michigan

**Ben Rearick**

Justin's update on the Data Rescue efforts:

<https://docs.google.com/document/d/1vCUALNoGvHE4F2AkcbvXvjLmMGrxx4CP1gYayc5RZdw/edit>

**Kristin Fontichiaro**

If you'd like to host an event around these kinds of science ID activities -- a branch of citizen science -- Justin and I would love to hear from you!

**Ben Rearick**

I LOVE Michigan ZoomIN. I try to do it for about 5 minutes a day! Sometimes that turns into 30....

**Kristin Fontichiaro**



I love it, too! It's super relaxing at the end of a long day. And there are other projects on the Zooniverse platform - transcription of historical documents, finding the center of a storm, ID'ing cell structures, etc. All stuff that human volunteers can do but computers cannot!

**Ben Rearick**

<https://www.zooniverse.org/favorites/ferenjamin> Here's a link to the 99 favorite images I've found!

**Kristin Fontichiaro**

[They were trying to recreate the type from Shakespeare's First Folio!](#)

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## Kristine Swanson from Saginaw

Oh, I remember!~

I'm a big fan of [that DESIGN THINKING book ;\)](#)

I am crazy about this space re-use!

These closets are across from the circ desk so there's some passive monitoring

**Ben Rearick**

After seeing Zauel, people aren't allowed to say they don't have enough space for a makerspace!

**Kristin Fontichiaro**

That sewing machine has a wee note on it that offers help if needed

I AM OBSESSED WITH THESE LABELS - I told Justin and he adopted this idea at Shapiro Design Lab!

**Ben Rearick**

We'll have Kristine's/Beth's slides up on the [makinglibraries.si.umich.edu/conference](http://makinglibraries.si.umich.edu/conference) site!

**Kristin Fontichiaro**

Marble runs are super-popular - check out Colleen Graves's Instagram - her elementary kids made 'em, too!

[@makerteacherlibrarian on Insta](#)

You can put plastic toys like LEGO in lingerie bags in the top rack of your dishwasher for quick sanitizing

**Ann**

great that you receive lego donations. no one here wants to give them up ;)

**Kristin Fontichiaro**

@Ann - we never get donated LEGO either!

**Kristin Fontichiaro**

Both Saginaw Valley State U and Delta College got souped-up motor homes donated by Dow Chemical that travel to schools and libraries. [Delta's has a virtual welding machine](#), and Saginaw Valley focuses a lot on soil and water research. They're awfully cool!

**Ben Rearick**

Great job, Kristine!

**Kathy**

Thanks all for sharing your experiences with us!

**Kristin Fontichiaro**

We'll take a break from 4-4:15

**Laura Hollister**

Record flooding, and parts of the city are going out.

A bunch of people were evacuated to the basement here, and a blood drive was moved here this afternoon.

**Kristin Fontichiaro**

Holy cow

**Laura Hollister**

If we lose power, we lose phones.

**Kristin Fontichiaro**

Oy. We'll punt if you need to go. I appreciate your hardy effort to stay with us!

**Laura Hollister**

Looking forward to the recordings!

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## Stephanie Reinhardt from Bay County

**Kristin Fontichiaro**

Yay! Welcome Stephanie Reinhardt from Bay County Public Library!

**Ann**

love those antlers!

**Kristin Fontichiaro**

You absolutely want to stay tuned for this session, Laura's vision for Niles District Library, and, as our grand finale, the amazing work happening at Benzonia Public -- if a Class 1 can do it, you can! We're so excited for what's coming up!

**Terrie**

sound is coming and going--

**Ben Rearick**

All the middle schoolers I work with ask about doing slime. We'll have to try it out.

**Kristin Fontichiaro**

That's hilarious - we're not getting the sound, but we're sure getting the picture!

**Ben Rearick**

Wow -- looks like one long piece of slime!

**Kristin Fontichiaro**

Great way to talk about the scientific concept of change, specifically chemical change

Looks like she's using a conductive ink like [Bare Conductive brand](#) here

**Laura Hollister**

love that one!

**Kristin Fontichiaro**

Pam (our presenter earlier from Frankenmuth) has a book for kids called [Paper Circuits. Laura -- check it out!](#)

**Laura Hollister**

I still have the one you made here.

**Kristin Fontichiaro**

Aww.

**KAREN**

will all the great chat contributions be captured and emailed out?

**Kristin Fontichiaro**

Stephanie loves those Strawbees cards - you can find those here!

<https://www.amazon.com/Strawbees-Pocketful-Ideas-Creativity-Card/dp/B06XRXXKX5>

**Jeff Jimison**

This chat is a gem. I'd love a transcript.

**Kristin Fontichiaro**

We're on it! We'll post the chat online when we post the archived webinars.

You can partner with the fire dept!

**KAREN**

Awesome! Thanks.

**Kristin Fontichiaro**

Thanks for letting us know you wanted it!

[geekedlibrarian.tumblr.com](http://geekedlibrarian.tumblr.com)

[@stephanie1839](#)

**Laura Hollister**

<3

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## Laura Hollister from Niles

**Kristin Fontichiaro**

Laura Hollister, Niles District Library

**KAREN**

Egg drop reminds me of Science Olympiad. Wonder if there are other aspects that might work like Write It, Do It.

**Kristin Fontichiaro**

@Karen - Jimmy, our 5:00 speaker, does a lot of stuff [inspired by Odyssey of the Mind, a program w/some similarities to the creative challenges](#) of Science Olympiad. Stay tuned!

**Ben Rearick**

More info on Bellingham where Laura is drawing inspiration from: <https://www.bellinghampubliclibrary.org/skillshare>

**Kristin Fontichiaro**

This is a great example of using \*local\* data to make decisions

She used <https://datausa.io/> for these viz. You can also use American Factfinder at [Census.gov](https://www.census.gov) or, if in Michigan, get to know BusinessDecision at [MeL.org](https://www.mel.org) for phenomenal consumer and community profile info

**Ann**

i am so impressed how well you have tailored your offerings to your community needs.

**Ben Rearick**

Any other suggestions besides "champions" for Laura?

CTE stands for Career & Technical Education. Where I grew up, it was called Vocational Technical Education!

**KAREN**

Lead Advisor

**Paw Paw District Library**

use the word superheroes... that would create fun marketing tool

**Kristin Fontichiaro**

We use "mentors" in lieu of "champions" but maybe Ben wants a name change for his role

It is truly stunning how many social service groups interact with the library and with patrons AT the library

**KAREN**

Love 'mentor'. Feels like a great leading coach.

**Kristin Fontichiaro**

I know 5pm is coming, but we know our last presenter's work pretty darned well, and you're in for a treat -- stay with us!

**Kristin Fontichiaro**

<https://yx.umd.edu/>

You can find tips here: <https://yx.umd.edu/apply/application-faq/>

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## Jimmy McLaren from Benzonia

**Ben Rearick**

<http://discovercognition.org/>

<http://www.growbenzie.org/>

These are community-oriented organizations that are located in Benzonia (a small town)!

**Kristin Fontichiaro**

Jimmy McLaren, Benzonia Public Library

That's the story of today's conference!

Yes - see the Mills

**Kristin Fontichiaro**

Benzonia's director is Amanda McLaren - a fantastic library director! check out their website at [benzonalibrary.org](http://benzonalibrary.org) .

They have amazing newsletters you'll want to check out!

**Kristin Fontichiaro**

We did some research via Digital Public Library of America and discovered old admissions documents that said that if you got into U-M, you got into Benzonia Academy!

500 jobs lost in one fell swoop a few years ago ... that's enormous given the small size of this community

If you want a logo but don't have graphic design skills, consider icons from [thenounproject.com](http://thenounproject.com) or use free tools like [Picmonkey.com](http://Picmonkey.com) or [Canva.com](http://Canva.com)

Jimmy is being modest -- he drew this logo!

Jimmy is being modest again - he is the puppeteer for this mad scientist puppet

**Jean Fellows**

and a Boy Scout Troop attending!

**Kristin Fontichiaro**

Yes - that's a pretty amazing troop - they show up at tons of community events!

Michelle and Cathy are \*amazing\* - their work is beautiful

Ben and I have each bought one of their lamps in the background!

**Ben Rearick**

I just want to remind everyone that Benzonia is a community of population 500!

**Kristin Fontichiaro**

Right back atcha

**Ben Rearick**

Toy takeapart is an amazing activity. I can't get enough of it.

**Jean Fellows**

you look PACKED!

**Kristin Fontichiaro**

And this is only HALF the room - we were there this day!

**Angie**

Hi Kristin -- yes, Angie Schoeneck here. I have been on all afternoon. This is a great conference. I am learning so much from all of the presenters, and am loving all of their stories and how tightly connected they are to their communities.

**Kristin Fontichiaro**

Howdy, Angie! It's all about community

Think about it: 260 kids in a day, overall service population about 2000

**Kristin Fontichiaro**

You may have seen the photo on the left in School Library Journal! And that's Jimmy's creation in the bottom-right corner!

Jimmy's being modest -- it took MANY TRIPS to get that cardboard up to the 2nd floor!

You can see Costume Creation Lab photos at

<https://www.flickr.com/photos/michiganmakers/albums/72157688355346493> (photos by Jeff Smith)

benzonialibrary.org

**Jean Fellows**

very steampunk-ish

**Angie**

Like the mobile cart.

**Peter Pasque**

That's a great bench with storage. We have some at Skyline High.

**Kristin Fontichiaro**

They got that rolling cart at Sam's Club of all places - I think it was about \$200?

**Ben Rearick**

These slides have been posted as a PDF at the conference site: [makinglibraries.si.umich.edu/conference/](http://makinglibraries.si.umich.edu/conference/)

**Kristin Fontichiaro**

There's Amanda!

They are a darnright amazing team

**Paw Paw District Library**

how do you contain the mess? Our creative art maker cart basically exploded all over the floor every time we brought it out. It ended with cardboard glued to the floor and beads in every crevice. We have all ages programs so we have people from 4-104 using the supplies.

**Peter Pasque**

The metal one with the wooden top is the one we have at Skyline

**Kristin Fontichiaro**

Here's Jimmy's Stanley FatMax cart at Amazon:

[https://www.amazon.com/Stanley-020800R-FatMax-Mobile-Station/dp/B000V29B7K/ref=sr\\_1\\_2?ie=UTF8&qid=1519252291&sr=8-2&keywords=stanley+fatmax+cart](https://www.amazon.com/Stanley-020800R-FatMax-Mobile-Station/dp/B000V29B7K/ref=sr_1_2?ie=UTF8&qid=1519252291&sr=8-2&keywords=stanley+fatmax+cart)

And here

is the cart from Menards:

<https://www.menards.com/main/tools-hardware/tool-storage/tool-chests-boxes/stanley-reg-fatmax-reg-tstak-tower/fmst60405/p-1485760832800-c-9188.htm?tid=-3922558102516375819&ipos=29>

**Jean Fellows**

Ok, where'd the maker case/cart/counter come from?

Not the Stanley Fatmax the other one, please

**Kristin Fontichiaro**

Lots of options at Sam's Club under brand Seville Classics:

<https://www.samsclub.com/sams/search/searchResults.jsp?pageView=grid&searchCategoryId=all&searchTerm=seville>

**Ben Rearick**

Any other questions for Jimmy about his small community?

**Kristin Fontichiaro**

Angie, I can't find the products on DEMCO's site fast enough to post a link. Can you help?

Here are some carts from Demco:

[https://www.demco.com/CGI-BIN/LANSAWEB?PROCFUN+LWDHWEB23+LWDH336+PRD+ENG+FUNCPARMS+ZZWSESSID\(A0200\):07337997473439892116+ZZWNAVPAAG\(A0100\):REFINE+ZZWESPAR1\(A0300\):1255+ZZWTIERKA\(A0090\):seville\\_c+ZZWWESSDT\(A0200\):20180221163120250902+DATESEQ\(A0140\):221118173539](https://www.demco.com/CGI-BIN/LANSAWEB?PROCFUN+LWDHWEB23+LWDH336+PRD+ENG+FUNCPARMS+ZZWSESSID(A0200):07337997473439892116+ZZWNAVPAAG(A0100):REFINE+ZZWESPAR1(A0300):1255+ZZWTIERKA(A0090):seville_c+ZZWWESSDT(A0200):20180221163120250902+DATESEQ(A0140):221118173539)

Yup - checked price - \$399 for the metal cart (sorry - I got it wrong before)

**Jean Fellows**

thanks!

**Kristin Fontichiaro**

Here are products from Walmart of that brand: <https://www.walmart.com/search/?query=seville>

Ann Arbor District Library has similar configurations of metal cabinets and they're darned sturdy

**Angie**

Thanks Kristin, Demco does have several mobile carts for small makerspaces.

[https://www.demco.com/goto?makerspace\\_furn](https://www.demco.com/goto?makerspace_furn)

**Kristin Fontichiaro**

Thanks, Angie.

It's completely mutual. We get a ton out of working with you guys

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## Kristin Fontichiaro from University of Michigan School of Information

**Ben Rearick**

I couldn't have done it without the presenters!

**Angie**

This conference was really well-done Ben, thank you for all of your work.

**Laura Hollister**

Brilliant! Thank you soooo much!!

oh, I needed to hear that, Kristen. Know what a win looks like.

**Ben Rearick**

Link to Project Outcome for Public Libraries <http://www.ala.org/pla/initiatives/performance measurement>

**Angie**

Meaningful making

**Ben Rearick**

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