



SLPL



Makerspace



Resources



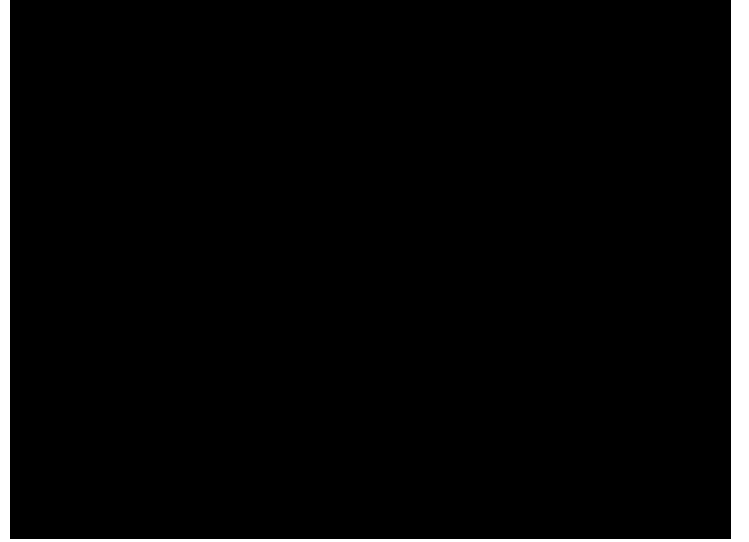
# Ja'Mel McCaine

- BFA in Graphic Design from UMSL
- 18 years of Design experience
- 10 plus years of audio experience
- Been with SLPL for about 2 years



# Examples from Programs







creative  
experience

@ St. Louis Public Library

## Main Features

Large Format Printer

Recording Studio

3D Printers

Glowforge

Cricut

# Design Software

Adobe Lightroom

Adobe Lightroom Classic CC

Adobe Photoshop CC

Adobe Photoshop Express

After Effects

Adobe After Effects CC

Adobe Dreamweaver CC

Adobe Illustrator CC



# 3D Software

SketchUp

MakeHuman

Blender

# 3D Equipment

6 Dremel 3D45 3D Printers at Barr Library's Creative Experience

4 Dremel 3D45 3D Printers at Central Library's Creative Experience

8 Dremel 3D45 3D Printers at Julia Davis Library Creative Experience



# Glowforge Pro

Use the Glowforge to cut, etch, and engrave hundreds of different materials, including acrylic, wood, and vinyl.



The Glowforge can accommodate materials measuring 12" x 20.4"

Submit your files to be created using our online form.



Laser Cutter Wood Material Costs					
Material Type	Thickness	Full Sheet Dimensions	Full Sheet Cost	Half Sheet Dimensions	Half Sheet Cost
<b>Plywood</b>					
Baltic Birch Plywood	1/4"	12" x 20"	\$6.00	11"x10"	\$3.00
Baltic Birch Plywood	1/8"	12" x 20"	\$3.00	11"x10"	\$1.00
Basswood Plywood (Proofgrade)	1/4"	<i>Unavailable</i>		11"x10"	\$13.00
Basswood Plywood (Proofgrade)	1/8"	<i>Unavailable</i>		11"x10"	\$11.00
Maple Plywood (Proofgrade)	1/8"	<i>Unavailable</i>		11"x10"	\$11.00
<b>Draftboard</b>					
Draftboard (Proofgrade)	1/4"	<i>Unavailable</i>		11"x10"	\$5.00

Hardwood					
Basswood Hardwood Proofgrade	1/8"	6" x 12"	\$11.00	6"x6"	\$5.00
Cherry Hardwood Proofgrade	1/8"	<i>Unavailable</i>		6"x6"	\$8.00
Poplar Hardwood Proofgrade	1/8"	6" x 12"	\$11.00	6"x6"	\$5.00
Red Oak Hardwood Proofgrade	1/8"	<i>Unavailable</i>		6"x6"	\$8.00
Walnut Hardwood Proofgrade	1/8"	<i>Unavailable</i>		6"x6"	\$8.00

<b>Laser Cutter Acrylic Material Costs</b>				
<b>Full Sheet Dimensions</b>	<b>Thickness</b>	<b>Full Sheet Cost</b>	<b>Half Sheet Dimensions</b>	<b>Half Sheet Cost</b>
<b>Proofgrade</b>				
5" x 10" Proofgrade Acrylic Sheet	1/4"	\$9.00	5"x 5"	\$4.00
5" x 10" Proofgrade Acrylic Sheet	1/8"	\$6.00	5"x 5"	\$3.00
12" x 20" Proofgrade Acrylic Sheet	1/4"	\$20.00	12" x 10"	\$10.00
12" x 20" Proofgrade Acrylic Sheet	1/8"	\$14.00	12" x 10"	\$7.00
<b>Canal Plastics</b>				
6" x 12" Opaque or Transparent Sheet	1/4"	\$5.00	6" x 6"	\$3.00
6" x 12" Opaque or Transparent Sheet	1/8"	\$4.00	6" x 6"	\$2.00
12" x 12" Opaque or Transparent Sheet	1/4"	\$10.00	6" x 12"	\$5.00
12" x 12" Opaque or Transparent Sheet	1/8"	\$8.00	6" x 12"	\$4.00
6"x12" Iridescent Sheet	1/8"	\$9.00	6"x 6"	\$4.00
6" x 12" Pearl/Glitter/Mirror Sheet	1/8"	\$13.00	6" x 6"	\$7.00
12" x 12" Pearl/Glitter/Mirror Sheet	1/8"	\$25.00	6" x 12"	\$13.00
<b>Inventory (As of 6/16/22)</b>				

# Acrylic Colors



Clear Transparent

Glass Green Transparent

Rose Gold Transparent

Gold Transparent

Light Green Transparent

Green Transparent

Dark Blue Transparent

Pink Transparent

Radiant Iridescent

Black Opaque

Red Opaque

Blue Opaque

Orange Opaque

Green Opaque

Turquoise Opaque

Yellow Opaque

Purple Opaque

Pink Opaque

Baby Blue Opaque

Fluorescent Blue Opaque

Fluorescent Pink Opaque

Black Gold Glitter

Red Glitter

Gold Glitter

Starlight Glitter

Confetti Glitter

Silver Mirror

Gold Glitter

Starlight Glitter

Confetti Glitter

Silver Mirror

Gold Mirror

Rose Gold Mirror

White Pearl

# Recording Room

Recording Room reservations are taken up to one week in advance, for a maximum of 2 hours per day. You must complete the recording room orientation before you can use the space.

Call 314-241-2288 or ask Creative Experience staff to book a recording room.

## Audio Software

Ableton Live 10 Intro

Adobe Audition CC

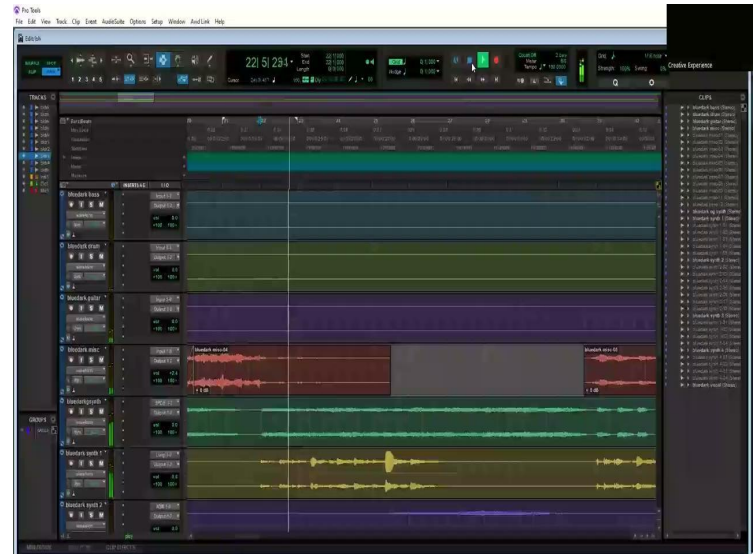
Audacity

FL Studio 20

Magix Music Maker

Pro Tools 12

Studio One 4



# Recording Room



## Equipment

PC computer with dual monitors

Audio interface with headphones, monitors, and microphones

M-Audio 88-key MIDI Keyboard & Midi Drum Set

Electric, Bass and Acoustic Guitars



# Video Software

After Effects

Adobe Premiere Pro

Adobe SpeedGrade CC

Movie Studio 14

# Cricut

Use the Cricut Maker to quickly and accurately cut 300+ materials, from the most delicate paper and fabric to tougher items like leather and wood. .

Equipment:

Circut Maker machines at Barr, Central, and Julia Davis Creative Experiences.

To reserve a Cricut at one of our locations, complete our [online form](#).



# 4 TYPES OF VINYL

## PRINTABLE

Used to make stickers and labels.

## ADHESIVE

Has an adhesive (sticky) backing. Used for cups, decals, and more.

## HEAT TRANSFER

Also called HTV, the adhesive is activated by heat from an iron or heat press. Used for clothes, tote bags, and more.

## INFUSIBLE INK

Cricut's first foray into sublimation. It is activated by heat from an iron or heat press but is not a sticker.





# Large Format Printer

## Equipment:

HP DesignJet Z6 44-in Postscript Printer T8W16A  
at Barr, Central, and Julia Davis Creative Experiences

Print posters, banners, photos, and more.

## Paper Options:

- Regular Paper (maximum width: 36")
- Glossy Photo Paper (maximum width: 36")
- Synthetic Banner Paper (maximum width: 36")
- Matte Canvas (maximum width: 36")

Submit your larger format print files to be printed using our online form.





# Examples of Small Business Uses

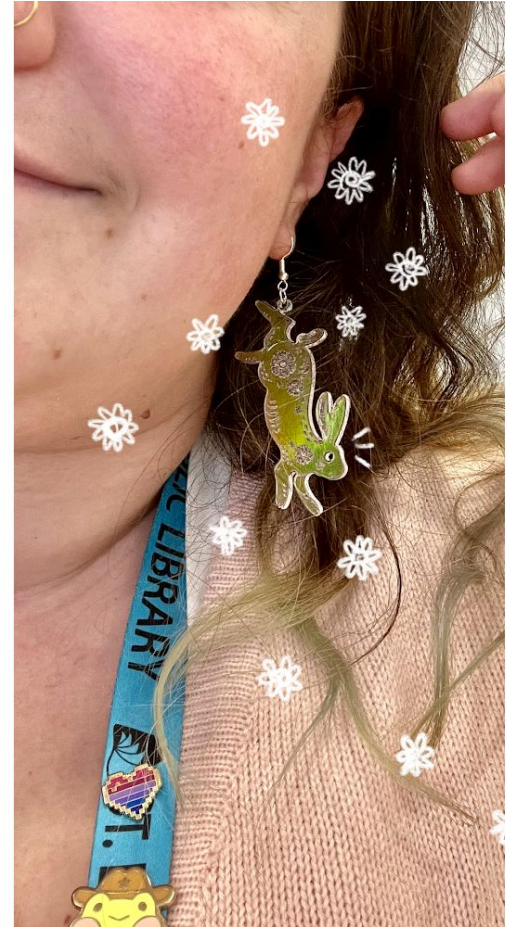
# Realtor

- Promotional Video



# Jewelry Maker

Earrings &  
Necklaces



# Club Promoter



Tickets &  
Show Posters



# Food Truck /Cater

Large Format Banners

## MENU

Footlong Beef Polish Sausage	\$10.00
Bratwurst	\$7.00
Qt. Pound Beef Hotdog	\$6.00
Red Beans & Rice	\$5.00
Green Peppers	\$1.00
Onions	\$1.00

**CASH ONLY!**

PAPA'S  
&  
NANA'S

DON'T CHEAT YOURSELF.  
TREAT YOURSELF!

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Footlong Beef Polish Sausage	\$10.00
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**CASH ONLY!**

HAPPY

MARDI GRAS



## MENU

Red Beans & Rice	\$5.00
Qt. Pound Beef Hotdog	\$5.00
Qt. Pound Bratwurst	\$5.00
Footlong Polish Sausage	\$5.00
Can Soda	\$5.00
Bottle Water	\$5.00

Cash, Debit & Cash App

DON'T CHEAT YOURSELF. TREAT YOURSELF!

# Masseuse

- Gift Card



**Journey Fellowship**

30 Minute Massage /  
30 Minute Express Facial

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**Your Certificate Code** \_\_\_\_\_

**Book your appointment at**  
[cornerspa7.massagetherapy.com](http://cornerspa7.massagetherapy.com)



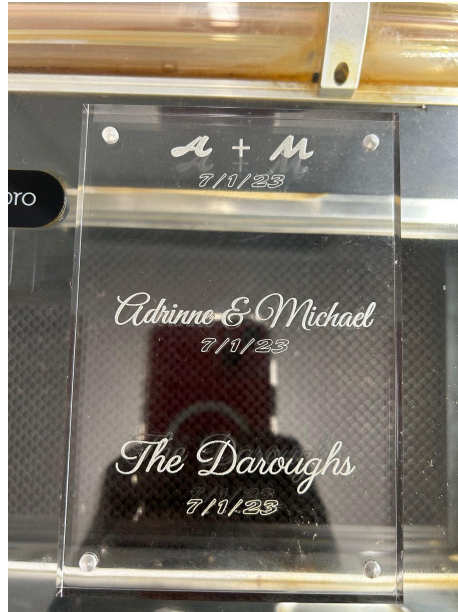
**CORNER  
7  
SPA**

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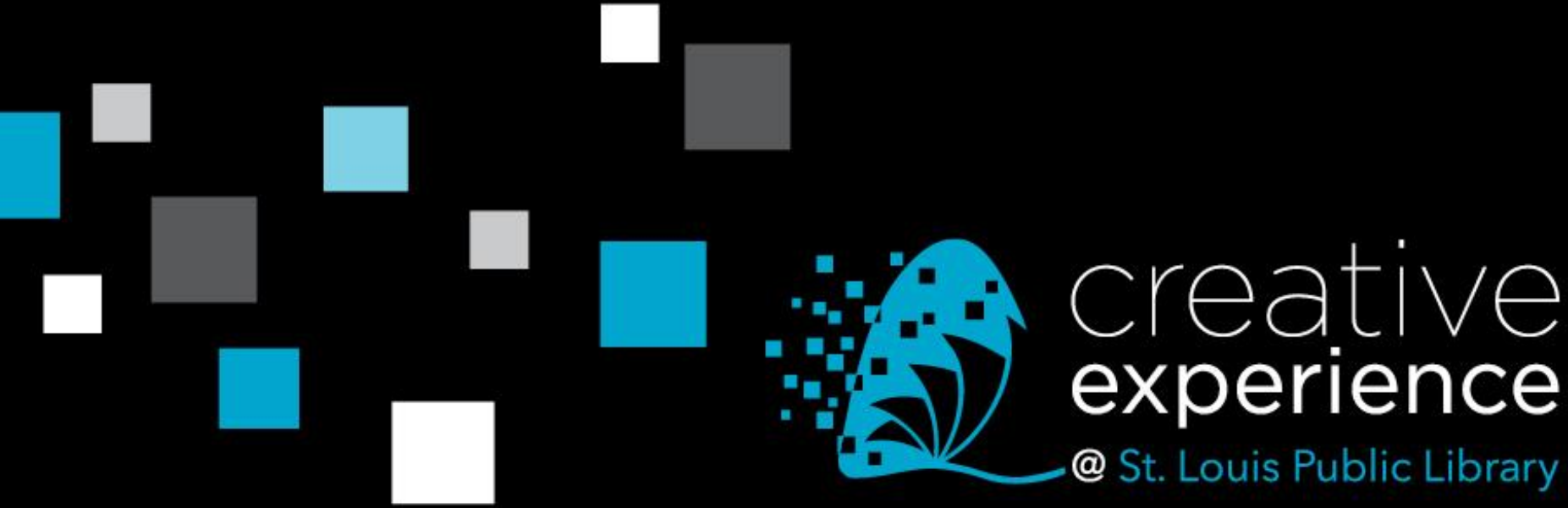
*Treat yourself*

# Crafter

QR Codes, Key Chains, Plaques & Thermos Bottles







As you can see there are many options for your small business. From Banners to Business cards. We can help.

# Need creative help or tips

- Creative Experience PTA's are here to help, assist and guide customers through their creative process.



# Tech Connect

- 1 hour one on one with a knowledgeable CEXP Member.



Just fill out the online form and let us know what you need help with.

# Great beginner programs like...

## Adobe Express

- There are thousands of beautiful templates to make social posts and stories, flyers, logos and more.
- Remove backgrounds
- Share templates, assets, and brand identity across your team so content consistently reflects your look.
- Trim and edit video clips.
- Convert files like PNGs and JPGs
- Free 2GB of storage
- Access to over 2,000 fonts
- Create on Web or Modle

# Canva

## Canva has lots of small business resources.

- Print services: tote bags, sweatshirts, hoodies, yard signs, water bottles, coasters, mugs, paper bags for businesses, calendars, photo books
- Video editing: You can do simple video editing right in Canva, and it has free music you can use in your video too.
- Website design and publishing: You can design and publish a free website right in Canva. The free option provides you with a canva domain name (e.g. "[anawebsite.canva.com](https://anawebsite.canva.com)") similar to Wix. For a fee, you can get a custom domain name. I'm not sure what this fee is. The websites come out really nice and you can always change the domain name later.
- Social media: It has great templates for social media posts for small business owners, and I used it for the library's social media in this application.

# Experienced

- You can bring in professional designs or submit files through SLPL online form to made.



# Gale Demographics

- Support Business & Marketing plan preparation
- Evaluate sites and analyze markets
- Profile current and potential customers
- Understand your customers better - How much do they earn/spend?
- Add thematic layers to create detailed, data-enhanced maps
- Analyze the shifts and needs of a given population within a specific geographic location



<https://dnow-gale-com.ezproxy.slpl.org/dnow/?p=DNOW&u=sain19325>

# Brands and Trademarks

Intellectual property protection and help you can get at the  
Library



## What is a trademark?

A trademark can be any word, phrase, symbol, design, or a combination of these things that identifies your goods or services.

It's how customers recognize you in the marketplace and distinguish you from your competitors.

(<https://www.uspto.gov/trademarks/basics/what-trademark>)

# Examples



# Establishing and protecting your trademark

As soon as you start using your mark to sell your goods or services, you have a trademark.

Registering your mark with the United States Patent & Trademark Office creates stronger, nationwide rights.

To learn more about the registration process, visit [www.uspto.gov](http://www.uspto.gov)

More questions? The St. Louis Public Library has a Patent & Trademark Resource Center where you can get individual assistance and pointers to more resources.

# PTRC

Housed in the Science & Technology Room of Central Library

Patent & Trademark Librarian: Eleanore Chadderdon

[echadderdon@slpl.org](mailto:echadderdon@slpl.org)

314.539.0390

# Every Month with you SLPL Card:

- \$5 print credit each month
- Free Large Format Print 36 inches x 18 inches (Photo Gloss or Regular Paper)
- Free 4 inch x 4 inch Laser cut
- Free 3D Print up to 50 grams of filament



# Wrap Up

As you can see if your a small business there are many uses for the CEXP.

Questions