SLPL
Makerspace
SMALL BUSINESS
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
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.
<table>
<thead>
<tr>
<th>Material Type</th>
<th>Thickness</th>
<th>Full Sheet Dimensions</th>
<th>Full Sheet Cost</th>
<th>Half Sheet Dimensions</th>
<th>Half Sheet Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baltic Birch Plywood</td>
<td>1/4&quot;</td>
<td>12&quot; x 20&quot;</td>
<td>$6.00</td>
<td>11&quot;x10&quot;</td>
<td>$3.00</td>
</tr>
<tr>
<td>Baltic Birch Plywood</td>
<td>1/8&quot;</td>
<td>12&quot; x 20&quot;</td>
<td>$3.00</td>
<td>11&quot;x10&quot;</td>
<td>$1.00</td>
</tr>
<tr>
<td>Basswood Plywood (Proofgrade)</td>
<td>1/4&quot;</td>
<td>Unavailable</td>
<td>11&quot;x10&quot;</td>
<td>$13.00</td>
<td></td>
</tr>
<tr>
<td>Basswood Plywood (Proofgrade)</td>
<td>1/8&quot;</td>
<td>Unavailable</td>
<td>11&quot;x10&quot;</td>
<td>$11.00</td>
<td></td>
</tr>
<tr>
<td>Maple Plywood (Proofgrade)</td>
<td>1/8&quot;</td>
<td>Unavailable</td>
<td>11&quot;x10&quot;</td>
<td>$11.00</td>
<td></td>
</tr>
<tr>
<td>Draftboard (Proofgrade)</td>
<td>1/4&quot;</td>
<td>Unavailable</td>
<td>11&quot;x10&quot;</td>
<td>$5.00</td>
<td></td>
</tr>
</tbody>
</table>

**Hardwood**

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Basswood Hardwood Proofgrade</td>
<td>1/8&quot;</td>
<td>6&quot; x 12&quot;</td>
<td>$11.00</td>
<td>6&quot;x6&quot;</td>
<td>$5.00</td>
</tr>
<tr>
<td>Cherry Hardwood Proofgrade</td>
<td>1/8&quot;</td>
<td>Unavailable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poplar Hardwood Proofgrade</td>
<td>1/8&quot;</td>
<td>6&quot; x 12&quot;</td>
<td>$11.00</td>
<td>6&quot;x6&quot;</td>
<td>$5.00</td>
</tr>
<tr>
<td>Red Oak Hardwood Proofgrade</td>
<td>1/8&quot;</td>
<td>Unavailable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walnut Hardwood Proofgrade</td>
<td>1/8&quot;</td>
<td>Unavailable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laser Cutter Acrylic Material Costs</td>
<td>Full Sheet Dimensions</td>
<td>Thickness</td>
<td>Full Sheet Cost</td>
<td>Half Sheet Dimensions</td>
<td>Half Sheet Cost</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-----------------------</td>
<td>-----------</td>
<td>----------------</td>
<td>-----------------------</td>
<td>----------------</td>
</tr>
<tr>
<td><strong>Proofgrade</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5&quot; x 10&quot; Proofgrade Acrylic Sheet</td>
<td>1/4&quot;</td>
<td>$9.00</td>
<td>5&quot; x 5&quot;</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>5&quot; x 10&quot; Proofgrade Acrylic Sheet</td>
<td>1/8&quot;</td>
<td>$6.00</td>
<td>5&quot; x 5&quot;</td>
<td>$3.00</td>
<td></td>
</tr>
<tr>
<td>12&quot; x 20&quot; Proofgrade Acrylic Sheet</td>
<td>1/4&quot;</td>
<td>$20.00</td>
<td>12&quot; x 10&quot;</td>
<td>$10.00</td>
<td></td>
</tr>
<tr>
<td>12&quot; x 20&quot; Proofgrade Acrylic Sheet</td>
<td>1/8&quot;</td>
<td>$14.00</td>
<td>12&quot; x 10&quot;</td>
<td>$7.00</td>
<td></td>
</tr>
<tr>
<td><strong>Canal Plastics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot; x 12&quot; Opaque or Transparent Sheet</td>
<td>1/4&quot;</td>
<td>$5.00</td>
<td>6&quot; x 6&quot;</td>
<td>$3.00</td>
<td></td>
</tr>
<tr>
<td>6&quot; x 12&quot; Opaque or Transparent Sheet</td>
<td>1/8&quot;</td>
<td>$4.00</td>
<td>6&quot; x 6&quot;</td>
<td>$2.00</td>
<td></td>
</tr>
<tr>
<td>12&quot; x 12&quot; Opaque or Transparent Sheet</td>
<td>1/4&quot;</td>
<td>$10.00</td>
<td>6&quot; x 12&quot;</td>
<td>$5.00</td>
<td></td>
</tr>
<tr>
<td>12&quot; x 12&quot; Opaque or Transparent Sheet</td>
<td>1/8&quot;</td>
<td>$8.00</td>
<td>6&quot; x 12&quot;</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>6&quot;x12&quot; Iridescent Sheet</td>
<td>1/8&quot;</td>
<td>$9.00</td>
<td>6&quot;x 6&quot;</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>6&quot; x 12&quot; Pearl/Glitter/Mirror Sheet</td>
<td>1/8&quot;</td>
<td>$13.00</td>
<td>6&quot; x 6&quot;</td>
<td>$7.00</td>
<td></td>
</tr>
<tr>
<td>12&quot; x 12&quot; Pearl/Glitter/Mirror Sheet</td>
<td>1/8&quot;</td>
<td>$25.00</td>
<td>6&quot; x 12&quot;</td>
<td>$13.00</td>
<td></td>
</tr>
</tbody>
</table>

Inventory (As of 6/16/22)
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:

Cricut 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

---

**PAPA'S & NANA'S**

**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

**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, Debit & Cash App

DON'T CHEAT YOURSELF. TREAT YOURSELF!
Masseuse

• Gift Card
Crafter

QR Codes, Key Chains, Plaques & Thermos Bottles
As you can see the 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") 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

Coca-Cola

Nike

McDonald's
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

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
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