

INNOVATION LAB NEWSLETTER

OCTOBER/NOVEMBER 2016



What's new in the lab?

We have a new Silhouette Cameo 3 vinyl cutter. The Silhouette can be used to make your own wall art, seasonal decorations, paper crafts, and more. It also comes with a set of sketch pens that can create intricate line drawings and designs.

Is that copper wiring? No, it's our new copper-infused filament! We were able to purchase a special role of non-conductive copper-infused PLA. Come try it out! We have also added 2 rolls of white ABS. All filament \$0.10/gram.



Calendar

Advisory Board Meeting

Monday, Oct 24
5:30PM

Halloween Make & Take Crafts and

Costumes, Drop-in
Tues-Fri, Oct 25-28th
1-4PM

Hand-sewn Ornaments with Betty

Registration required.
Saturday, Nov 5
1-3PM

Intro to ProTools

Monday, Nov 7
5:30-7:30PM

Saturday, Nov 19
11:00AM—1:00PM

Intro to Adobe Illustrator

Monday, Nov 21
5:30-7:30PM

To register, call 651-266-7000 ext.5 or online at www.sppl.org, click on Events & Classes.

HALLOWEEN MAKE & TAKE



October 25-28th from 1-4pm, patrons are invited to drop-in and make Halloween crafts to take home. We will be making vinyl sticker jack o lanterns, masquerade masks, acrylic or wooden earrings/pendants, and you can sew a unique mask or accessory using felt, canvas, and other fabrics. All supplies are provided.

MEET THE MEMBERS

AN INTERVIEW WITH TODD WALDEN

Describe yourself in one sentence or less. I am a Maker at heart, but much of what I do is focused on cosplay (costume design & fabrication).

What projects are you working on or have you recently completed? I'm currently working on Halloween costumes for my family. We're doing a Star Wars theme this year; my wife is going to dress as Leia (the green thing in my picture is part of her blaster), my oldest son will be Luke Skywalker, my younger son will be a Jawa, and I will be a Tusken Raider. I'm also fabricating an Iron Man Mark VI suit at home, which is nearly complete, and am in the early planning stages of building an R2D2.

What has the Innovation Lab enabled you to do? Access to the 3D printer and laser cutter have given me the ability to quickly put together some prop items that would have taken me MUCH longer to fabricate at home. It has also opened up some new options for me to make things that I really can't fabricate by hand.

What is your advice for other members? If you're using the 3D printer, keep your eye on the filament. If it gets tangled, which it can easily do (the big rolls in particular), the printer won't know the difference and will just keep on chugging along thinking it is printing when it really isn't. That's a sad thing to discover after 4 hours of printing. Also, don't be afraid to ask people for help. Most everyone in the lab is excited to be here and had to learn these things themselves. Few people walk in the door knowing how these machines work. Most of us are happy to explain what we're doing if we know it can help you to finish your own projects. That's the Maker spirit.



Did you know...

- ▶ The average Innovation Lab member is 47.5 years old.
- ▶ We currently have 240 active members from all over the metro including parts of Wisconsin.
- ▶ The Laser continues to be the most popular piece of equipment followed by the 3D printer and the recording studio.

FIND US! TAG US!

We love to see your projects, so remember to share them with us on social media.



- Tag us @StPaulPublicLibrary
- Use #MadeItAtSPPL
- Send your pictures to spplwincenter@gmail.com and we'll post them on our Flickr
- Find us on Meetup.com: Innovation Lab Makers

**Nicholson
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