



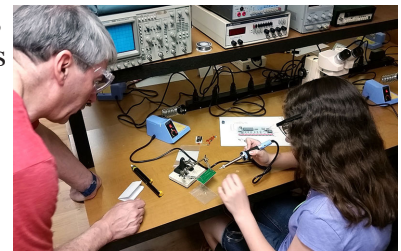
NEWSLETTER

November 2020

"The MakerBarn is a member-driven family-friendly makerspace that exists to provide a place for our members to envision, design, and realize creative projects. We are dedicated to building a creative maker community among our membership and the community at large."

Let us Show You How!

Makerspaces have become one of the primary places to learn crafts, trades, and technology. Many makerspaces sponsor classes held on a regular basis for learning and as a revenue source. The Covid virus has now made this difficult. At The MakerBarn we have held classes and demonstrations, usually for free. Currently we have had to limit this to sessions on Zoom. Zoom sessions work well, especially well with teaching or demonstrating computer skills. If anyone is interested in having a Zoom session on a topic, let us know. If you would like to host a Zoom session on a maker topic, there are members that can show you how to do it.



"Show how to" is one of our greatest strengths at a makerspace. Mentoring others and sharing information and skills is why makerspaces have grown in popularity. At the present moment, it is hard to gather together, but tools like Zoom and our Slack channels are there. If you are not on The MakerBarn Slack, be sure to join to share your questions and answers for other members.

- George Carlson, President Maker Barn



A big thank-you to Greg Radliff who manned our MakerBarn booth on Saturday October 24th at the Fall Festival held at The Grounds of 1488 in Magnolia. The beautiful weather and big crowds combined to make it a great day for teaching folks about maker spaces.

MADE AT MAKERBARN!

Kathy Barbeiri - made embroidery It was made at The Lab using the Brother PE800 using the text that is preloaded in the machine. The instruction book, located in the nearby black cabinet, was a big help.



Kevin Laird - printed 3D object using 3d printer, resin mold and cast at the Lab. Ready for paint!



MADE AT MAKERBARN!

David Long - made pantry drawers for his wife. They were made with the planer, drum sander and the resaw to make the thin edges at the Barn. The biscuit joiner was also used to make the shelves wide enough and to make it look like they are all made as one piece.



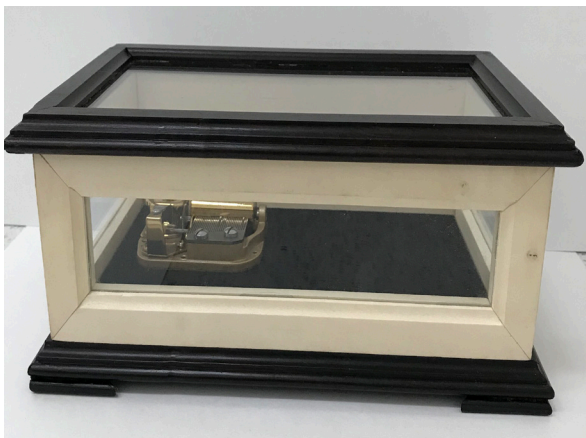
MADE AT MAKERBARN!

Robert Wozniwicz - made three jewelry/music boxes using all the woodworking equipment at the Barn. He says boxes tend to challenge you with joinery, profiles and interesting angles.



1) small music box with marquetry lid.

2) Jewelry box with veneered lid/ splined corners.



3) music box with a scalloped lid with magnetic touch latch.

Video Editing Coming to MakerBarn

MakerBarn is considering assembling a video editing station at The Lab.



We considered this a couple years ago but there were two problems we were not able to solve. One was access time. Video editing can be a long process requiring time and quiet concentration. Access to the barn for long periods was only limited to Fridays and weekends. The other problem was software licensing. At the time we were considering Adobe Premiere, but the software was quite expensive and difficult for members to use at home because of the licensing.

Now, with The Lab, we have 24/7 access, so the access problem has been solved. The software problem has been solved by Blackmagic Design. Blackmagic Design is a company that produces high-end video equipment for cinematography. They also produce a high-end video editing and color grading suite that is very affordable. DaVinci Resolve is the free version and has most of the capability of the \$300 DaVinci Resolve Studio version. This would allow our members to download DaVinci Resolve for free and work on projects at home. When they need to finish a job, or have some complex rendering to do, they can use the editing suite at The Lab. I've been using DaVinci Resolve Studio at home on a 5-year old i7 computer with a mid-range GPU. I found it will render 4K-24fps 36bit Raw video to 1080p at about 20 frames per second, which is pretty fast. With a more modern computer, it would be even better.

Before we do this, we need to make sure there is a good level of interest from the members. So post your thoughts on Slack or send an email to geotekds@swbell.net and let us know.- George Carlson, President Maker Barn

- George Carlson, President Maker Barn

Are you a Slacker? No, we don't mean are you lazy! We mean do you have an account on the SLACK App and have you downloaded it to your phone?



Nearly all of MakerBarn's internal day-to-day communication is conducted on SLACK within the fifteen channels that have been created for everything from Equipment Maintenance to CNC training. If you are a MakerBarn member and are not currently using SLACK, please write to info@themakerbarn.org and request that you be added to the app & then follow the instructions to you receive to download the app and begin using the channels for the most up-to-date news at the Barn and the Lab!

REMEMBER - Five COVID Guidelines for the MakerBarn:

Test again BEFORE you return: If you or someone living with you should test positive for the virus, please inform us and do not plan to return to The Lab or The Shop until you have a negative test result.

Masks: Everyone must wear a mask before entering the Barn and for the duration of your time at the Barn. Please bring your own.

Two's a crowd: We want to practice social distancing while also allowing for making. So let's keep it to one member using each area at a time, i.e. one member in the laser room, one member in the sanding room, one member using the sewing, one doing wood working, etc.

Use Sign-up Genius : Please do not come to the barn without reserving time to use equipment. It's easy now to go the website at <http://themakerbarn.org> and click on the new Sign-Up Genius icon. There you may reserve equipment in one hour blocks. You can always call 832-663-6390 & the manager on duty will confirm your time as shown on SignUp. We are all going to need to be respectful and considerate of one another during this time.

Members with guests: Guests and children are asked to stay at home until we have reliable information that shows the Covid-19 danger is considerably reduced. We are not there yet. Safety and health of our members is top priority.

The Royal Rangers Class taught by MakerBarn member Jody Cochran had a blast learning about electronics, and popping balloons with the Makerbarn Robot Car Kits"

Royal Rangers is a local church ministry



For New Members

WELCOME to the wonderful world of making!! We know you'll come to love this place as much as we do. First and foremost, this place is about the people. We would like to encourage you to see yourself as more than just a member. We are a community. Because we don't have any employees, we rely heavily on our community to keep things running. So please join in, pitch in, and get involved. Ask lots of questions. We are a really friendly group and love to help one another. The MakerBarn is a fantastic community of makers and we are glad you are here!



Maker Barn: The Shop
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Phone: 832-663-6390



MakerBarn: The Lab
28030 FM2978 Suite 101
Phone: 832-663-6377

MakerBarn Directors:

George Carlson, Director and President
Jeanie James, Director
Greg Radliff, Director

Executive Committee:

Kathy Barbieri - Procurement and acquisitions
Jody Cochran - Secretary
Raul Garcia - Member at Large
Jim Barron - Membership
Matt Folsom - IT
Daniel Cielecy - Treasurer
John Buckley - Newsletter Editor

Area Managers: (Guru or Custodian)

Woodworking - Jim Baron
Lasers - Greg Radliff
3D Printing - Jody Cochran
Metalworking - Bryan Manka
Electronics - Raul

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