



NEWSLETTER

April 2023

"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."

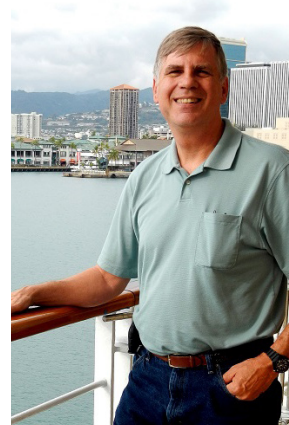
Always learning at the Barn!

It has been busy at the Barn! The metal lathe class is finished, but we will soon have a crash course in Fusion 360, (more about that later). Joe Foster has been doing a great job teaching the "hands on" part of the welding course. To learn more about this program contact Joe. Elizabeth and Jody are hosting a group of Tiger Cub scouts helping them make some pinewood derby cars. Jody and others will be helping a bunch of youngsters make stuff on April 8th. If you want to help out, contact Jody through Slack.

On June 4th, we will have a Grand 7 Year Birthday Celebration for The MakerBarn. If you would like to help plan the event, contact Kathy Barbieri.

Websites like Thingiverse are great places to get designs for 3D printing. There are thousands of designs already in STL format for printing. But what if you would like to do your own design, something that precisely meets your needs. To do this you need a 3D CAD program like Fusion 360. Getting the software is easy and free, learning how to use it is the problem.

On April 17th, 18th, and 19th, I will be teaching a crash course on Fusion 360. This course will not make you a professional 3D CAD expert, and will probably teach some bad habits, but it will get you familiarized enough with Fusion 360 to start making your own designs and prepare them for printing on one of our 3D printers. The course includes a textbook that will be a good reference as your skill improves. The cost of the course is \$25 paid to the The MakerBarn. This covers the cost of the text. The class will be 7:00pm to 9:00pm on 3 evenings April 17th through the 19th. There are 10 openings for the course. Three are three prerequisites for the course; no experience with Fusion 360 (if you already know Fusion 360, please leave the openings for those who really need it), you must bring a computer with Fusion 360 installed and operating (we will not have time in the class to troubleshoot an install), and you must have a desire to learn how to make your own designs for 3D printing. If there are problems getting Fusion 360 to run, we may have a troubleshooting session on Sunday evening before the class begins on Monday. Email me at geotekds@swbell.net to reserve your seat in the class.



George Carlson
President, MakerBarn

SIG Opportunities



We have several special interest group opportunities (SIGs):

1) Gardening SIG

It has been kicked around and discussed, but if someone takes the lead, this could be a fun group. Starting small - containers on the concrete out behind the laser room door may be the best way to have this idea take root. We have a member currently working on some technology that monitors watering needs.

2) Ceramics SIG

We're still working on rewiring the kiln, but if someone wants to get fired up and lead this SIG, you could unmold some creative ideas on how to move forward with safety and use practices.

3) Sewing and Embroidery SIG

We have several talented members who enjoy using and teaching others about sewing and embroidery. You won't be buttonholed into expert level instruction. You can just get together with other like-minded people and patch together a fun experience.

If you have a special interest in these opportunities, then set up a SIG on Slack, let members know, and start a group meeting to discuss and plan and make things happen!

Are you Manager Material?

The MakerBarn runs on volunteers. If you have been an active member for two months or more, we would like you to consider becoming a Shop MakerBarn Manager.

MakerBarn Managers work 3-4 hour shifts during which they supervise the general operation of the Shop keeping a close eye on safety and noting any maintenance issues that arise. They also devote a fair amount of time to general cleaning of the shop floor and emptying the dust collection and trash systems. They give prospective members tours and update MACS access cards as needed for members.

Oh, and they enjoy 24/7 access to the Shop!

If the Shop manager role sounds interesting to you, contact Jim Barron via Slack.
Thanks!

Art Demo on Saturday April 22

Aniwat Akarasuthikorn (also known as “Parm” or Peter) is an artist who spends one day a month at MakerBarn making the raw shapes for as many of 100 of his popular unique wooden characters. On Saturday April 22 at 10:00 AM, Peter will be giving a demonstration of the process he uses for turning ordinary pieces of wood into beautiful handcarved painted pieces of art. All members are welcome. See Greg Radliff or John Buckley for details.



You may view Peter's art here:

<https://www.instagram.com/wood.youmind/>

<https://www.facebook.com/Wood-you-mind-115888979797180>

<https://www.etsy.com/shop/yarnsterday>



MADE AT MAKERBARN!

Amanda Kerdahi made an Aromatic Cedar raised planter bed to plant chilis and other veggies. Sidenote: Who's ready to start the community garden at Makerbarn?



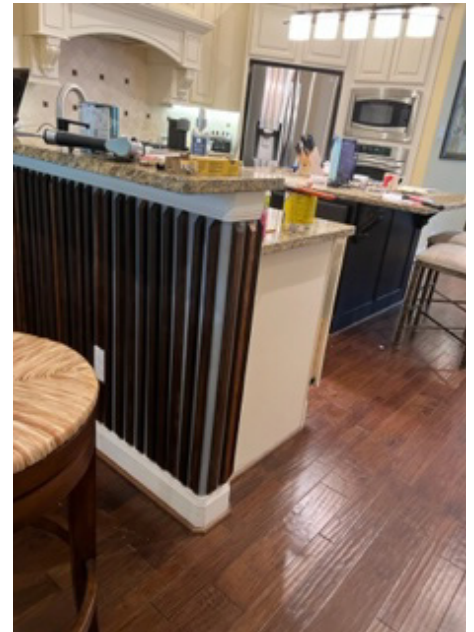
Here's an important reminder to all members; the primary communications tool for the MakerBarn is our Slack Account and the channels within it. Email is **only** used for the monthly newsletter and any urgent news that must be shared with all members.

Ask any manager to send a SLACK invitation text to your phone and then you can activate the SLACK app for the MakerBarn.

Please be sure to use Slack and join all channels that are of interest to you. By doing so you are assured of staying in touch with everything going on at the Barn.

MADE AT MAKERBARN!

Colleen Helz cut, stained and installed a slat wall under her breakfast bar. She used saw stop, mitre saw and a nail gun.



MADE AT MAKERBARN!



Colleen Helz made some Easter bunnies using bandsaw, wood lathe and sanders.

Robert Wozniewicz made a traditional arts & crafts style mantel clock measuring 6 3/4" x 12 7/8" x 18 1/4" and made with quarter sawn white oak using a 3 step dark mission finish.



MADE AT MAKERBARN!

Cynthia Grimmer has been busy in the sewing room! She made full length grommet drapes and converted a vintage full size quilt to king size. She says the MakerBarn Brother sewing machine is a dream. Her husband Dave made the adventure sign.



REMINDER!

MakerBarn will be hosting three different events on Saturdays in April:

Saturday, April 1 at 6 PM - TigerDen in the Shop. Members are welcome to help. Contact Elizabeth Jones on Slack.

Saturday, April 8 from 10 AM until 2 PM - Hewlett-Packard (HP) workshop in the Lab. The lab will be largely unavailable to members during this time. Contact is Jody Cochran on Slack.

Saturday, April 22 at 10 AM - Art Demonstration by Peter - all members welcome! Contact John Buckley or Greg Radliff on Slack.

Members, please remember!!

Members - PLEASE remember to clean up after using any equipment in the Shop or the Lab. Pictured here is equipment that was NOT left in acceptable condition.

Also, if you leave anything in the Shop or Lab you MUST label it with your name, date and when you will be returning to pick it up.



Items left without ID may be moved or disposed of at the manager's discretion!!

Meet The Area Managers

	<p><u>WOODWORKING & CNC</u></p> <p>Jim Barron has lots of experience with woodworking and CNC. He holds occasional CNC classes that demonstrate the Vectric VCarve Pro software we use. Jim can check you out on woodworking and CNC tools at the Barn. Contact him via SLACK.</p>
	<p><u>LASER PRINTING</u></p> <p>Greg Radliff is an artist and expert at using Laser Cutter and Engravers. Greg can show you the LightBurn software we use and can check you out for use of the Laser printers in the Lab. Contact him via SLACK</p>
	<p><u>3D PRINTING</u></p> <p>Jody Cochran is a graphic artist with deep experience in 3D printing and other graphics tools. Jody can show you slicer and other software used with the 3D printers. Contact him via SLACK.</p>
	<p><u>METALWORKING</u></p> <p>Bryan Manka is area manager for metalworking which includes the metal mill and the metal lathe at the Barn. He can check you out for use of either of these machines. Contact him via SLACK.</p>
	<p><u>ELECTRONICS</u></p> <p>Raul Garcia is area manager for electronics. More of a fixer than designer, but willing to help and learn together. See Raul for anything related to microcontrollers, electronic devices or other electronics related projects. Contact him via SLACK.</p>
<p>Daniel Claybaugh</p>	<p><u>WELDING</u></p> <p>Daniel Claybaugh is area manager for welding</p>

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 & The Lab

28030 FM 2978, Suites 201, 202, 203 & 204, Magnolia 77354

Phone: 832-663-6390

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

Doug Green - Web Site

Ashley Dickson - Member at Large

John Buckley - Newsletter Editor

Area Managers: (Guru or Custodian)

Woodworking - Jim Baron

Lasers - Greg Radliff

3D Printing - Jody Cochran

Metalworking - Bryan Manka

Electronics - Raul Garcia

Welding - Daniel Claybaugh

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