



NEWSLETTER

December 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."

I hope everyone had a great Thanksgiving. Christmas is just around the corner, so take a look at the list of gift ideas later in the newsletter.

There is not a lot of new things going on. Everyone's busy getting ready for the holidays.

We have a "trial" video editing suite setup at the lab. Currently we are just using some loaner equipment. If there is enough interest, we will setup our own suite with some newer equipment. The suite consists of a fast computer with a very fast GPU video card, and two monitors. The software is DaVinci Resolve, and Photoshop CS4. Resolve is from Blackmagic Design, a manufacturer of professional video/audio equipment. To assist in learning Resolve, Casey Ferris's Resolve Master Training program is located in the "Video Scratch" folder on the computer. You can watch his videos on the left monitor while running Resolve on the right monitor. Casey moves fast, you might want to watch his video through before doing any of the exercises. Please don't leave your video footage on the computer, we would very quickly run out of space if everyone did that.

On December 16 at 7:00pm I will be hosting a Zoom session discussing how laser cutters operate and how they can be used. This is not a tutorial on how to use LightBurn, you need to talk to Greg Radliff about that. I originally put this together for the Home Metal Shop Club. Most had never seen a laser, let alone operate one, so this was more about how lasers function and what kind of materials can be cut and/or engraved. See you on Zoom, December 16, 7:00pm ID 281 703 8279, Passcode 3BOYw3.

Have a great and wonderful holiday season!

Thanks,

George Carlson
President, MakerBarn



MADE AT MAKERBARN!

Ed Fraini's daughter made these roses with the Cameo machine at the Lab using downloaded files. She tells me she wants to make dozens of them!



Kevin Laird - an update to last month, these 3D objects have been cast multiple times at the Lab.



MADE AT MAKERBARN!



Jim Barron made these cutouts for a cart on CNC equipment at the barn. His friend painted it and decorated it.



MADE AT MAKERBARN!

Robert Wozniwicz - has made two more jewelry/music boxes using all the woodworking equipment at the Barn. He says boxes tend to challenge you with joinery, profiles and interesting angles. See the first three boxes he made in last month's issue.



Fourth -Small music box Black-wood and holly plus glass inserts.



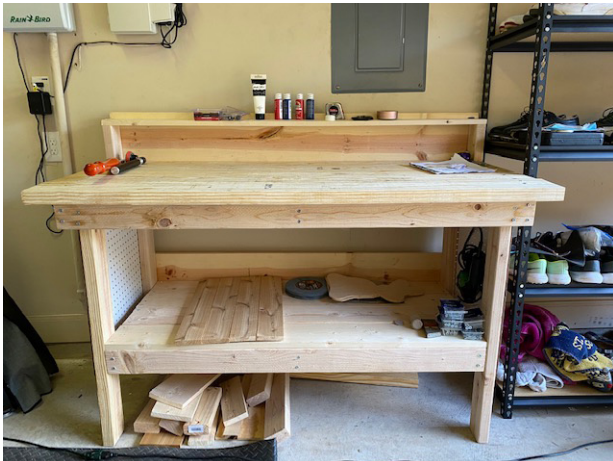
Fifth - Jewelry box with marquetry lid.



MADE AT MAKERBARN!



Fred Morales made this is desktop for his wife to use on the treadmill. Made of 3 pieces of 5mm birch plywood laminated with core frames to keep weight down and secured to treadmill handles with spring clamps from McMaster Carr. She loves it!!



Collen Helz made this workbench for her home shop using woodworking equipment at the Barn.

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 to 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.



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!

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>No Area Mgr Yet</p>	<p><u>WELDING</u></p> <p>We have no one assigned to area manager in this area at this time</p>

Maker Gift Project Ideas

Projects that support various hobbies and interests

<u>Woodworking:</u>	
Wood Lathe Miniature Wood Lathe Tool Supports for Wood Lathes Chisels and Special Cutting Tools	Precision Measuring Toolsaw Calipers and Gages Special Hinges, locks, and Hardware
<u>Yards and Gardening:</u>	
Garden Tools Patio Furniture and Fixtures Pot Hangers Gates and Fences Trellises Plant Stands	Hose Reels Garden Carts Oversize Dust Pans Wind Chimes Whirly Gigs
<u>Kitchen and Dining:</u>	
Fancy Toothpick Dispenser Napkin Rings	Special Kitchen Tools Aluminum Can Crusher
<u>Puzzles:</u>	
Brain Teasers	Magic Tricks
<u>Games:</u>	
Chess Sets Dominos Checkers	Dice Play Card Boxes Poker Chips
<u>Novelty:</u>	
Round-To-Its	Button Gears
<u>Ham Radio / Electronics:</u>	
Morse Code Key Cable Reels	Coil Winder Solder Dispenser
<u>Sewing:</u>	
Lace Bobbins	Magnifier Stand

Maker Gift Project Ideas

Projects that support various hobbies and interests (cont.)

<u>Jewelry and Jewelry Making:</u>	
Necklace Hangar Jewelry Boxes Jeweler's Vise	Ring Sizer Forming Rolls Jeweler's Lathe
<u>House and Home:</u>	
Decorative Self Brackets Lamps	Antique Reproduction Kick-Knacks Picture Frames
<u>Toys:</u>	
Model Trucks and Cars Doll House Furniture and Machine Tools "Executive" Toys Go Carts Minibikes Shop Made Erector Sets	Science Demonstration Apparatus Tesla Coils Van de Graph Generator Whimhurst Machine Mechanical Mechanism Demonstrators
<u>Music:</u>	
Music Racks Music Stands	Musical Instruments Stage Brackets
<u>Art and Photo:</u>	
Easels Tripods Special Camera Mounts Print Washers Film Dryer	Enlarger Pin-Hole Cameras Artist's Pallets Camera Lucida
<u>Fishing and Hunting:</u>	
Fishing Rod Holders Lures Fly-Fishing Reel Weights	Molds for Casting Weights and Jigs Rifle and Pistol Rests Power Measures Fly-Tying Vise
<u>Office:</u>	
Printer Stands Copy Holders Paper Weights Letter Holders Letter Openers	and Hammer to SMASH THAT DARN COMPUTER!!

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
9522 Carraway Ln
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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Our mailing address is:

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If you no longer wish to receive this newsletter please write to info@themakerbarn.org