



# NEWSLETTER

## October 2023

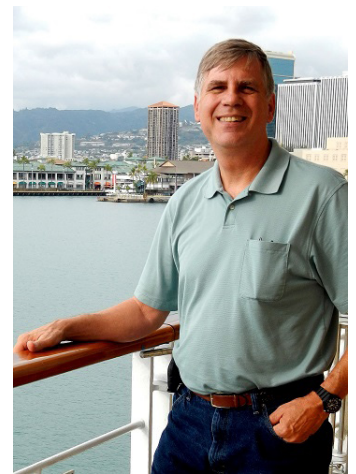
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*"The MakerBarn is a member-driven family-friendly makerspace that exists to provide a place for our members to envision, design, and realize creative projects. We are dedicated to building a creative maker community among our membership and the community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

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## A Change of Leadership

We started The MakerBarn in 2016. For most of those seven years, George Carlson has been at the helm as our President. He has set the tone as a family friendly, community inspired, and reasonably priced place to learn about and use equipment that, for most of us, may be out of reach due to cost and space constraints. We are very fortunate to have this smart, sustainable makerspace model to call our own. George's leadership has been instrumental in steering our organization through challenges and successes, and his passion for our mission has left an indelible mark.



Change of leadership in an all-volunteer organization like ours is healthy and important. I'm honored to step into the role of President of the MakerBarn. We've got a great team of dedicated people on the

Executive Committee and, together, we'll carry this legacy forward. We will explore new opportunities, refine existing programs, and continue with an environment that fosters creativity, learning, and collaboration.



I am excited about the possibilities that lie ahead and the potential for our makerspace to continue to be a hub of innovation and creativity. As always, you are all welcome to bring ideas to me or anyone on the Executive Committee. Thank you for being a part of this journey with us, and let's embark on this next chapter together, with enthusiasm and

determination to keep our makerspace the best it can be.

Kathy Barberi  
President, MakerBarn

## Paint, Glaze & Pour! Join MakerBarn Ceramics

The Ceramics program is kicking into full swing! We just had our first wheel orientation and are ready to get some more members trained! Members interested in any aspect of the ceramics program, need to first complete the general orientation Pour Night. After that is a Paint & Glaze Orientation and if interested, opportunities to learn more about throwing on the wheel and hand building.

Most classes are geared for our adult members (18+.) We welcome the children of Maker Barn families to be involved in the ceramics program, but ask that the parents go through the group training/orientation and then share the art of ceramics with their children. We will have a basic hand building demonstration for families, where techniques like pinch pots and coil pots will be presented. This will be open to Maker Barn Families, but at least one adult must have completed the General Orientation Pour Night.

Below is the tentative training calendar for the fall. Please plan strategically, as the General Orientation Pour Night and the Paint & Glaze training need to be completed before any of the other classes.

### Tentative Fall Schedule:

Date	Day	Time	Class	Eligibility
10/10/23	Tuesday	7:00PM-9:00PM	Pour Night	MB Member, Adults
10/23/23	Monday	7:00PM-9:00PM	Paint/Glaze	Completed Pour Night, Adults
11/2/23	Thursday	7:00PM-9:00PM	Wheel	Completed Pour Night & Paint/Glaze Adults
11/6/23	Monday	7:00PM-9:00PM	Slab Building	Completed Pour Night & Paint/Glaze, Adults
12/2/23	Saturday	9:30AM-11:00AM	Pinch Pots & Coil Pots	MB Families, at least 1 parent Completed Pour Night & Paint/Glaze, 2:1 Adult:Child ratio



If you are interested in the ceramics program at the Maker Barn, please complete this form: <https://forms.gle/uwCXZwiWCpKso2tX7>.

To sign up for classes, see this link: <https://www.signupgenius.com/go/20F044AAAAA2AA57-44723382-maker>.

Note that times and dates are subject to change. Lisa Lane and Savannah Goulait are contacts on Slack.

## Laser SIG Begins...



Our area manager of Laser Printing, Greg Radliff will host a Laser SIG (special interest group) to begin meeting at the Lab **on the 4th Thursday of the month.**

Anyone interested in talking about and sharing tips and tricks on laser cutters is welcome. Bring your projects for show and tell.

The first gathering will be October 26th at 7:00pm until the discussions end.

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## MOVIE NIGHT!

Members,

You and your families are welcome to join us for a movie night in the Lab on the scariest Friday in October. On October 13th, at 7:00pm, we'll watch, "The Day The Earth Stood Still". It's a classic 1951 sci-fi movie when "an alien lands in Washington, DC and tells people of Earth that they must live peacefully or be destroyed as a danger to other planets."

We'll have popcorn and drinks and share some fun together! Come watch The Day the Earth Stood Still





## Model Trains and MakerBarn

Model trains and The MakerBarn are just made for each other. The hobby requires all sorts of skills to bring the trains to life and at least six members of MakerBarn use our tools and community to build model train layouts all over the Houston area. Some of our model train members are Michael McCrae, Mark Herzog, Barry Bogs, Rick Pomeroy, Joe Reed, Mike Durham and John Buckley.

Do you like model trains? Well, you are in luck! November is the annual model train Fall Layout Tour in Houston when nearly 60 model train layouts are made available for viewing. Most of these layouts are built in private homes so this is often the only time the general public can view and enjoy them. There are three model train layouts where MakerBarn members apply their skills. Here are the Layout Tour details for each of them:

### CONROE:



**All Points North Model Railroad** will hold open house on Saturday November 11, 10 AM -6 PM and Sunday November 12 Noon - 5 PM. The club is housed in a 5000 square foot clubhouse at 611 S Magnolia Dr. A model train can take up to 45 minutes to traverse the entire layout!

<http://apnmrr.org/>

### TOMBALL:



**The Golden~Blackhawk & Central City Model Railroad** is open every Saturday from 10 AM until 2 PM in the Tomball Train Depot at 201 S Elm Street in Tomball, Texas. At 160 square feet this Z scale model railroad is one of the largest of it's kind in the world. <https://mrdavez.com>

### SPRING:



**The Colorado and Western Model Railroad** will hold open house on Saturday and Sunday November 11 & 12 from 1-6 PM. Located at 8202 Pine Thistle Lane in Spring, TX this G scale model railroad is the work of Barry Bogs over many years of scratch building. <http://cwrr.org/>

For information about all the model train layout open houses in Houston this year visit <https://sanjacmodeltrains.org/Fall-Layout-Tour.html>



## ***MADE AT MAKERBARN!***



**Dave French** made a plant base for his wife Angie's birthday.

**Colleen Helz** made a wall clock using resaw, palm router, bandsaw, power drill, epoxy resin, drum sander and orbital sander. She says thanks to MB member Hamilton for routing out the back of the clock to enable the clock mechanism to fit!



## MADE AT MAKERBARN!

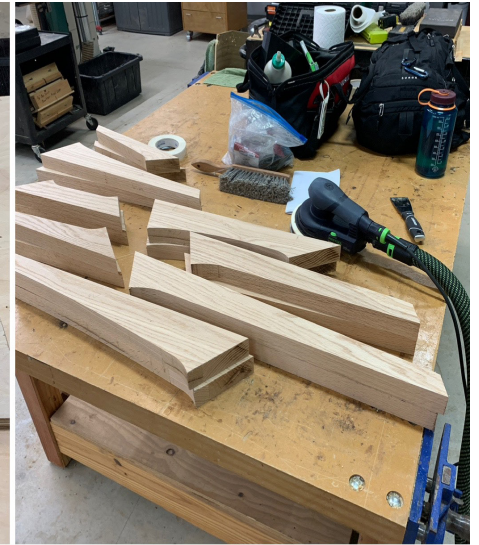
**Rachel Scott** (daughter of Cynthia Grimmer ) has been busy cutting acrylic. The first picture is an acrylic cut out of a drawing done by her son. Next are cutouts for cake toppers, key chains etc. The last picture is a 3d printed ghost trio.





# MADE AT MAKERBARN!

**David Hawa** made a Glenn Lounge Chair and Ottoman using Red Oak and 3mm Baltic Birch Plywood for pattern.





## MADE AT MAKERBARN!

**David Nichols** made a small organizer to sit next to the chair in his office. He used the resaw bandsaw to make small wood pieces.



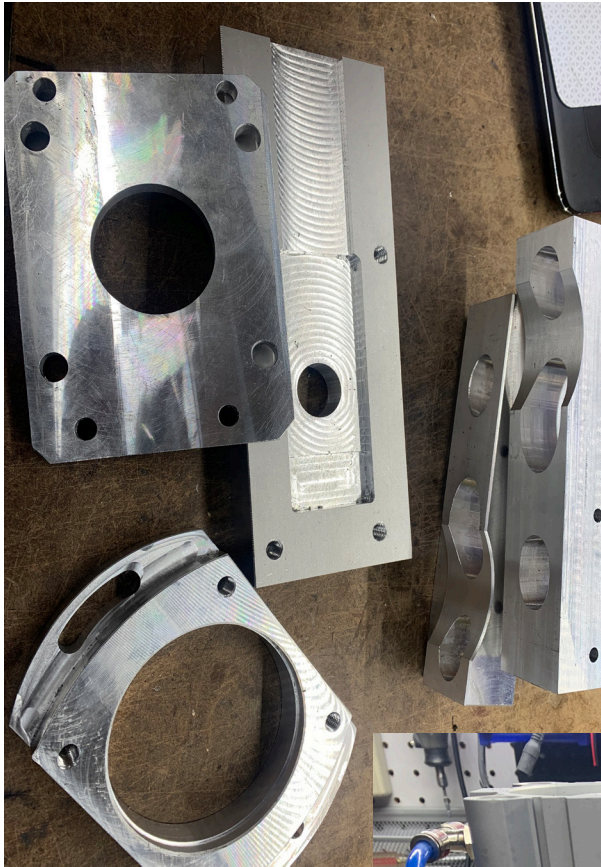
**George M Carlson**  
made 3D Printed  
Oreo Checkers  
Are you cookie or  
cream?



# MADE AT MAKERBARN!

**Gary Alose** completed the fabrication of the parts needed for his home CNC upgrade project using 6061 aluminum.

Gary designed multiple components in Fusion 360 and used the TrackDPM Mill to create a model using Fusion CAM.





# MADE AT MAKERBARN!

**Hamilton Alexandre** made a scratch box for his cats.

Built with scrap wood found at the MakerBarn, the 4-ply cardboard was purchased for the last custom ordered scratch box and he had some left over. Hamilton used Table saw, Miter saw, Wide belt sander, Brad nailer and CO2 laser



**Hamilton Alexandre** made tumblers at the MakerBarn

Can you tell which is which?

Exploding Skull

Scaredy Cat with tinfoil hat

Sunflower Nebula

Steampunk Butterfly

Turtle Island





## MADE AT MAKERBARN!

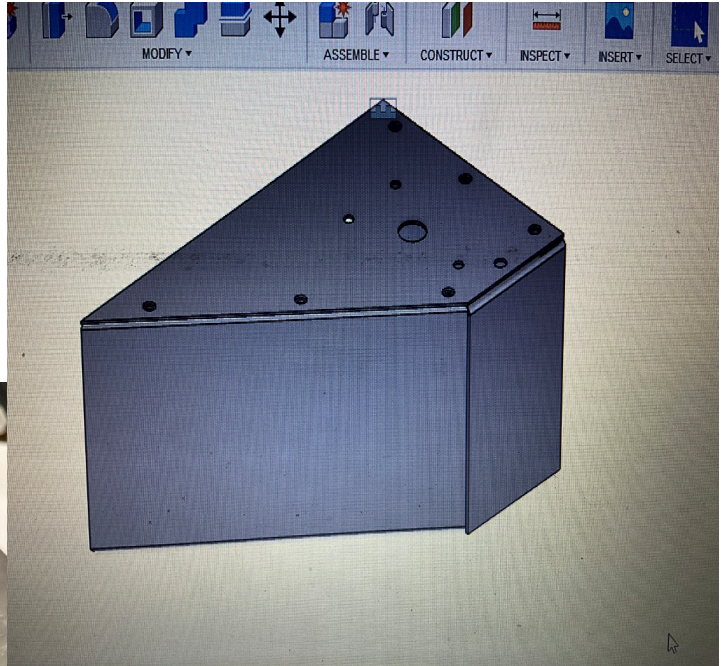
**Joe Foster** made a life science circle of life board (attached) for a local school teacher. It was made from a \$3 piece of pine from Dollar Tree using the wood CNC to cut out the indentations. The laser (Thing 2) was used to monogram the school name and create the arrows. To finish it he applied a few coats of clear lacquer and added 4 clear rubber bumpers/anti-skid pads on the bottom.





## MADE AT MAKERBARN!

**Mike Briggs** made a custom steering box for a boat. All design was done all in Fusion 360 and then he used the CNC plasma machine to cut it out from sheet metal. He did the bending and welding at home and then did the machining at the Barn on the mill.





# MADE AT MAKERBARN!

**John Hoaglun** has been working on converting storm fallen oak trees from his neighborhood into bowl blanks using the Laguna 1836 lathe.

These are what is known as twice turned bowls.

Turn 1: rough shape and then allowed to dry

Turn 2: the final shape and finished surface

These pieces may need to dry 12-18 months depending on the thickness and moisture content.

John has 16 of these to work through...





# MADE AT MAKERBARN!

**Mark Cummings** finished a Living Room wall. Included in the picture below are the Hearth, Miter Folded Shelves and Live Edge Mantel he made at the Barn. The top and bottom slats of the Shiplap were also ripped to size on the SawStop. He will be incorporating LED strips into the shelves.



## ***MADE AT MAKERBARN!***



**Trevor Whalen** made a couple of couch slide tables. He used the jointer, planer, the dado saw with box joint jig and palm router for the bow tie and epoxy inlays.



### ***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!



## Meet the Area Managers



### WOODWORKING

Mark Bush is area manager of woodworking. Contact him via SLACK.



### LASER PRINTING

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



### METALWORKING

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.



### 3D PRINTING

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.



### ELECTRONICS

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.



### CERAMICS

Lisa Lane is area manager for ceramics. Contact her via SLACK.



### WELDING

Joe Foster is area manager for welding. Contact him via SLACK.



## For New Members

WELCOME to the wonderful world of making!! We know you will 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

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### MakerBarn Directors:

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

### Executive Committee:

Kathy Barbieri - President  
Jody Cochran - Secretary  
Raul Garcia - Treasurer  
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 - Mark Bush  
Lasers - Greg Radliff  
3D Printing - Jody Cochran  
Metalworking - Bryan Manka  
Electronics - Raul Garcia  
Welding - Joe Foster  
Ceramics - Lisa Lane

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