BRIDGEWIRE makerspace

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Mar/Apr 2017

BIG EVENTS

Media Blitz

Everywhere you turn we are there. Your officers and Board have been busy getting the word out about Bridgewire. If you watch KTVN Channel 2 News you may have seen the Bridgewire Makerspace Story that Ky Sisson did on us. On April 4th the article "NCET Tech Tips: Where Reno-Sparks' breakthroughs are born" appears in the RGJ. We are the focus of the article in support of the NCET Tech Wednesday Tour on April 12th. And we have more coming. We are reaching out to get marketing stories and information placed in the newsletters of various associations around town.

Donations to Bridgewire? We are still working on setting up our processes so we can handle donations properly and legally. We should have our Quickbooks accounting and forms ready later this month. Donors can now deduct contributions they make to Bridgewire under IRC section 170. Also we are qualified to receive tax deductable bequests, devises, transfers or gifts under section 2055, 2106, or 2522. We realize this may result in a flood of contributions which will be managed.

Reno Home and Garden Show. We had a booth at this year's show Friday-Sunday. Thank you to our booth volunteers, Ralph, Todd, Mandy, Kaylee, Jeremy, and Eric. Our booth often stopped people in their tracks with the 3D printer and the display of numerous creations our members have made. During the 3 day event we talked with many people and handed out over 300 business cards in the process. We will monitor Thusday guests in the next month and hope that we gain members from this event. A big Thanks to Lee for organizing and all the volunteers.

NCET Tour of Bridgewire, April 12th Bridgewire will host Tours and Demos for NCET. This event is scheduled from 5:30pm – 7:30pm. Please be aware the shop will not be open to members to use. We may have anywhere from 25-70 guests, which means parking is going to be crowded. We hope this event will spread our message among the well connected and influencers of the area. We are still looking for volunteers to run demos in some of our shops. Contact Eric Bradford to help.

Makerfaire at San Mateo, May 19-21. Bridgewire has petitioned for a booth at the San Mateo Makerfaire under the name, *Bridgewire Laser Ink Project*. We have delegated the running of the booth to Nick Williams since he will display his large format Laser Cutter. A limited number of **FREE TICKETS** for Bridgewire members will be available. Details to follow.

Reno Mini Makerfaire, July 8th Bridgewire will have a large booth at the Reno Mini Maker Faire. We will be planning for this event in the coming months. We have been asked to provide many Hands-On interactive displays. **FREE TICKETS** for Bridgewire event participants.

THE BOARD DECISIONS

The Board has been busy revising the Policy Manual, Bylaws, and Articles of Incorporation. They expect to present the Bylaws and Article changes to the members for a vote of acceptance at this months Members Meeting on April 11th. The Policy Manual will be approved by the Board after our volunteer tech writer makes editorial refinements.

EDUCATION HAPPENINGS

Education Officer, John T. has worked with members to create a list of classes to be scheduled on a regular basis. Starting in March, our calendar was filled with reoccuring classes, and events. These classes were not promoted except by this newsletter and our website. In the coming months we will be promoting these classes through numerous channels. The goal is to connect with people of all ages and provide a path for them to actively use the equipment in our shop to create wonderful things.

Please see the Calendar below. These educational opportunities are primarily free to members with some small fees to non members. Please see the individual class for details.

If you would like to add your own class or event to the calendar, please contact John to develop and schedule your class. To help, contact John at renoscuba1@gmail.com.

Reoccurring Education classes and events:

- **Metal Shop and Welding:** Hosted and taught by Lee Elliott.
- **Microcontroller Presentation Night:** Hosted and taught by Ralph Santos
- **Microcontroller Collaboration Night:** Hosted and taught by Ralph Santos
- **Wood Shop:** Hosted and taught by Roman Hruska.
- **CAD Class:** Hosted and taught by Eric Bradford
- **Inspiration Exchange and Project Ideas:**
- **FIX-IT Workshop:** Hosted and taught by Eric Bradford
- **Big Brothers and Big Sisters Activity Events:** Hosted by John T.

Coming Soon!!! Education classes and events:

- **Laser Cutting:** Hosted and taught by Michelle Golightly.
- **MRE Night:** Hosted by John T.

BB&BS Event. Our first Big Brothers and Big Sisters event took place in March. We had a total of 14 Bigs and Littles show up to Hydro Dip Paint various glasses and bowls. The event was well received and will lead to future events. The next events are scheduled for the first and last week of May. Look to the calendar for exact dates. These events are approximately 2hrs in length and occur on weekday evenings. They will either be using the project tables area or the media room depending on the activity. Below is a before and after picture of the handywork by our young crafty guests. For further details on this event visit the pictures and videos at BBBSNN

FACILITY HAPPENINGS

Facilities Officer, Matt Miller has resigned his position. He determined that his college and career obligations did not leave him with enough time to properly serve the needs of his Bridgewire position. We wish Matt the best of luck in his endeavors. The Board is now searching for a new Facility Officer. If you may be interested please contact Eric Bradford for details about needs and expectations for the position.

Where did Bridgewire Go?? Its still in the same place. You probably just drove by and didn't recognize the building. Gone is the peeling and weathered paint. It has been replaced with a new dark and light gray paint scheme. The front of the building has changed from green to a red and gray color scheme. It looks a lot better and more appealing. Hmmm? Should we need to look internal and consider some painting ourselves?

What to do with the money from the sale of the CNC Wood Router. By almost a 2 to 1 margin, the members have voted a preferrence to purchase the Laser Cutter over the CNC Wood Router. The Board plans to spent upto $3000 for a 48in x 36in Laser Cutter Gantry kit with the latest DSP controller, software, Z-height adjustment table, honeycomb table, and mounting frame. We will scavenge the laser, power

supply, and cooling/ venting from the current 12in x 10in laser cutter. This kit requires assembly but very little fabrication of parts. We will make this a shop project that all members can participate in assembling and getting up and running. Look to the calendar for a chance to participate. Delivery of all kits and parts is estimated to be by the end of April.

CNC Wood Router. Even though we are purchasing a Laser, we will not go without a large format

CNC Router. John T. has offered to bring in his 4ft x 8ft (Buildyourcnc.com) GreenBull Machine. This machine needs to be transported here. It will reside in the location of the old CNC mill.

New Technology Center is now up and ready for use. How do members use this space? If you

would like to introduce a technology new to Bridgewire (e.g. urethane casting, leather working, biohacking), this is the place to try it. Just contact an officer and get permission to bring in a new technology on a limited **Trial** basis. We would prefer you do a demo or instructional class for all members and even the public to attend, if appropriate.

Craigslist Sale of unused and unneeded items is occuring. We have about 10 items on craigslist for sale. The items are located on the shelves between the Inspection Table and New Tech Center. They are marked with a price on blue painters tape.

The Safety + Hygiene Project to feed us better food while raising money for safety and janitorial

needs is continuing. The money raised is being collected and set aside for future janitorial services. The logistics and management of this still needs to be structured.

Remember Prices are marked on the items. We are using the honor system. Pay for your items in the Black Box under the orange cabinets.

FINAL NOTES

Member Departures It saddens me to share that two of our most active long time members have left us. Both Blake and Ana are pursuing new ventures ourside of Nevada. We will miss both of you and by all means if you are in Reno, visit us.

Rules Reminder: Members are allowed to have guests in the shop. However, the host must remain present and are not allowed to leave their guests unattended.

CLICK on Calendars to go to Bridgewire Calendar with interactive event details.

Bridgewire Calendar
April 2017

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27 6 pm - 7 pm Inspiration Exchange and Project Ideas	28 6 pm - 8 pm Soldering Class	29	30 6 pm - 9 pm Open Space Night	31	April 1 April Fool's Day 12 pm - 1:30 pm FIX-IT Workshop
2 11 am - 6 pm Solar SUNday	3	4 6 pm - 7 pm BW Board Meeting	5 7 pm - 9 pm DEFCON 775	6 6 pm - 8 pm Metal Shop and Welding 6 pm - 9 pm Open Space Night	7	8 12 pm - 1:30 pm FIX-IT Workshop
9 6:30 pm - 8:30 pm Improv Group	10	11 7 pm - 8 pm BW Members Meeting	12 5:30 pm - 7:30 pm NCET Tech Wednesday Tour of Bridgewire	13 6 pm - 9 pm Open Space Night	14 8 pm - 11 pm Movie Night 'Rogue One: A Star Wars Story'	15
16 Easter	17	18	19 5 pm - 8 pm Nevada Inventors Association - Monthly Meeting/Lecture	20 6 pm - 8 pm Wood Shop 6 pm - 9 pm Open Space Night	21	22 Earth Day 9 am - 1 pm CAD - Learning Onshape 3D CAD (2days)
23 9 am - 1 pm CAD - Learning Onshape 3D CAD (2days)	24 6 pm - 7 pm Inspiration Exchange and Project Ideas	25	26 6 pm - 8 pm Microcontroller Presentation Night	27 6 pm - 9 pm Open Space Night	28	29
30	1	2 6 pm - 7 pm BW Board Meeting	3 7 pm - 9 pm DEFCON 775	4 6 pm - 8 pm Metal Shop and Welding 6 pm - 9 pm Open Space Night	5	6 12 pm - 1:30 pm FIX-IT Workshop

ALL MEMBERS, If you would like to add an event. Press the “Add Event” button on the calendar at bridgewire.org Schedule your event with details and contact info. The new event will be hidden until an officer reviews and makes it public. Your events can be any project you want to share or get help with.