

# WOOD CHIPS



Northwest Indiana Woodworkers Association

Volume 23, Issue 6 June 2018

## President's Ramblings

**Greetings Fellow Woodworkers**, June is here and the heat will soon follow. As you are working in your shop please be aware of your surroundings and keep yourselves hydrated as the temperature rise. Sunstroke, heat cramps, and heat exhaustion are possible. Heat Cramps Symptoms- Muscle spasms, usually in the arms, legs, and stomach, caused by heavy sweating and loss of electrolytes. Response- Drinking electrolyte solutions such as Gatoraide and eating fruits such as bananas.

Happy Father's Day to all of the Dad's, Grandfather's and Great Grandfathers. We are so close to July and all the calibrations for the 4th. Be safe and don't let your mind wonder while in the work shop.

Mark your calendars for the upcoming 34<sup>rd</sup> annual **South Lake County Historical Society Antique Tractor Show** July 13th, 14th and 15th. Setup is Thursday the 12th 3 till 5 P.M. Gates open at 8 A.M., opening ceremonies start at 9 A.M. and Operational Exhibits & Activities 10 A.M. to 5 P.M. Check their web site for more information at <http://www.slcahs.org/show-info.html>. We will be located in the Arts and Crafts building (Same place as the Lake County Fair) but along the north wall. We need members to help make this a success, if you are planning on attending we are to use gate #6 (same as fair for setup) and show your membership card. The goal for this event is to advance our club in the community, gain more members and sell more EDUCATIONAL RAFFLE TICKETS. So I have a request to all of our turners, can you please turn a couple of pens to give away with 5 raffle tickets. We will have the Slim line kits available for anyone who wants to participate. If we each turn 2 kits we should have enough for the event and make extras for the Fair. They don't have to be anything special, what ever kind of scrap wood you have available will do. Also a sign-up sheet will be started for those that can attend and help man the booth.

**June's** program is Chrs Connor from FREUD.

**July's** program will be 4 corners, we need volunteers to put on demonstrations. We are not limited to only 4 demonstrations during that time. Please share your skills!

**Do you have special skills in woodworking that you would like to share?**

We are planing on bringing back the **4 CORNERS** in July! Here is a chance for you to demonstrate you skills to the membership. We will need four demonstrators (or more) for this event. Plan on 45 minutes to an hour for the demo with questions and answer time. If you are available please contact Jeff Snelgrove or myself.

**2018 Dues are PAST Due! May WAS THE Dues Deadline!** Check your membership cards and renew now!

**Ron Benson** has the 2018 Educational Raffle tickets available now! Get yours soon!

Please donate some special hand made item that you created to help make this **RAFFLE** a succes. When you donate a prize to the raffle you will receive credit to the Acheivement Award program.

**Lake County Fair** setup is August 2ND at 9 PM and the Booth opens at 10 AM to 10 PM from August 3RD through the 6<sup>th</sup> and take down will be at 9 PM on the 6th. Start thinking of what you want to display. Everyone is welcome to come and spend some time at the booth. Make sure you sign in at these events so you get the credit towards the Achievement Awards. Sign up sheets will be available.

August 25<sup>th</sup> is the Annual Picnic at Hidden Lake Park starting at noon.

Enjoy this weather and Don't let your tools rust!

Your President, Kevin Sturgeon

**SHOW AND TELL**



Joe Urban



Elmer Phelps



Norm Johnson



Jeff Snellgrove



Max Hernick



Bill Schoech



Gene Davis



Kevin Sturgeon



Dick Sader

## **ROY UNDERHILL'S CLASS**

Club member Norm Johnson attended a class with Roy Underhill, here are a few pictures!





## **KEVIN STURGEON'S PEN CASTING DEMO**



## **ITEMS FOR SALE**

**If you have any wood working related items that you wish to sell through the newsletter please contact John Hunter [john.b.hunter@frontier.com](mailto:john.b.hunter@frontier.com) Include a description and the price you are selling them for, also how you may be contacted.**

**If you are looking for a tool that another member would like to sell you can place a wanted ad in the newsletter, just contact John Hunter at [john.b.hunter@frontier.com](mailto:john.b.hunter@frontier.com)**

Member Al Kalos has the following items for sale, contact Al at: 219-962-4741

Dewalt 9" Power Shop Radial Arm Saw Model 925, very good condition, includes accessories, instruction – maintenance – parts manuals. Also Dewalt project boos. Asking \$150.00 come to shop and look see.

Rockwell Wood Shaper Model #43-120 with optional steel stand, 1 HP optional motor, manual PB & power cord, ring guard, spring hold downs, many new unused cutters carbide, new rail & stile set, owners manual & new HTC mobil base, tool has no use on it, excellent condition, ½" arbor, adapter to use router bits, \$400.00 come take a look, see if it is worth the price.

Sears Craftsman Drill Press stand with tilt table. Fits most ¼" – 3/8" drills, excellent shape \$25.00 Mount horizontally to wire brush or polish.

Vinyl Awning Window, 40" x 26 1/8" new in plastic wrap, tan vinyl light tan wood grained inside \$50.00

A number of brand new boxed Z tube 4' long florescent fixtures. \$5.00 each

5 foot long galvanized pipe suitable for a drill press column, perfect condition 3 ½" dia., same size as my 17" Delta Floor model drill press. \$5.00

## **LUMBER MILLING**

Lumber/slabs I will mill anything anyone would like as long as I have the log or it's provided, I will mill onsite with my Alaskan mill at \$60 an hour, I currently have 2" think sugar maple slaps, various black walnut slabs, 2" think Osage orange slabs, and some 2" thick full figure red oak slabs I am definitely on the cheaper end of wood prices, I price per board foot, I have varying slabs so it's hard to give you solid prices. My number is 219-742-9839 and you can see most of what I cut on my face book, my face book is <https://www.facebook.com/profile.php?id=702160442> please feel free to contact me!

Thank you, Michael Jansma

## **2018**

June 28<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 7:00 PM

July 2<sup>nd</sup> Executive Board Meeting 7 PM at 2949 Willowcreek Rd, Portage

July 16<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM

July 13<sup>th</sup> – 15<sup>th</sup> Club Booth at the Steam Show at Lake County Fair Grounds

July 26<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 6:00 PM

August 2<sup>nd</sup> Set Up Club Booth at Lake County Fair 9 PM

August 3<sup>rd</sup> – 6<sup>th</sup> Club Booth at Lake County Fair 10 AM – 10 PM

August 20<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM  
August 23<sup>rd</sup> Membership Meeting at 208 South Linda Street, Hobart IN 7:00 PM  
August 25<sup>th</sup> Club Picnic at Hidden Lake Park in Merrillville  
September 17<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM  
September 27<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 7:00 PM  
PM Program Favorite/Least Favorite tools  
October 1<sup>st</sup> Executive Board Meeting at 7 PM at 2949 Willowcreek Rd, Portage  
October 15<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM  
October 25<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 7:00 PM  
November 12<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM  
November 15<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 7:00 PM  
PM Toy Program  
December 17<sup>th</sup> Committees Meeting at 2949 Willowcreek Rd, Portage 7:00 PM  
December 20<sup>th</sup> Membership Meeting at 208 South Linda Street, Hobart IN 6:00 PM  
PM Christmas Party, Installation and Awards

### **Bob Flexner's Finishing Tips**

<http://www.thefinishingstore.com/>

#### **The Beauty of Waterborne Finishes**

It's a rare finishing class that I don't get someone who has been a die-hard user of solvents, such as lacquer, conversion varnish and the like, who is reluctant to try waterborne. There is certainly nothing wrong with those finishes, after all they have been around for years and have stood the test of time.

Waterborne finishes are the new kid on the block, right? Well sort of. Ever used latex paint, either interior or exterior? Well, that is basically a waterborne finish and it too has stood the test of time. Now, thanks to some creative chemistry we have waterborne coatings for furniture, automotive and just about every application known and it is just going to keep growing, as it should, it is great!

There is a slight learning curve if you're an old solvent user, but not a difficult one. I know because I have used solvent based products since I was thirteen in both the auto body and furniture worlds. First time I tried a waterborne, well, it wasn't good; but I was determined to master it. What follows is a synopsis of my journey.

The first thing I noticed was that despite my best efforts, the finish got runs, I just couldn't get past them. I also had a lot of orange peel. It was frustrating. I was doing everything that I had read or been told, had a nice big 2.0 needle/nozzle, but it was like spraying with a water hose. I wasn't happy.

Then I started playing with smaller needle/nozzle setups and reduced the fluid - what a difference! I found that using a 1.4 or 1.5 needle/nozzle and backing off the fluid, I could get a much better finish. Then I started to pay attention to the initial texture on the surface directly from the gun versus what I had a few minutes later. This brought to my attention that because of water's surface tension, it wasn't laying out quite as smooth initially. Unlike the solvent-based

products I had always used, it took a little bit of time for the finish to flow out and lay down. Allowing this time allowed the finish to lay down nicely. Over the years, the flow out of waterborne top coats has improved, and while they still don't lay out the same as a solvent base off the gun, they come close.

Then came my next issue, overspray. Unlike solvent-based products that dissolve back into themselves, water borne isn't quite the same. The overspray tends to lay on the surface more. The solution, however, is simple. Reduce the overspray and get a nice wet coat on as soon as possible. Don't give surfaces time to tack up while there is overspray being produced. Initially, I overcame this by spraying fewer pieces and by positioning them in my booth so that overspray being pulled by the exhaust fan wasn't pulling overspray to another surface. This worked pretty well but I make a living doing woodwork and finishing so the reduced number of pieces in the booth and added time were just not acceptable. I knew the answer was in finding some way to increase the fluid and still atomize the finish so I could 'move' more pieces at a time.

I was using gravity fed spray guns and also had tried some of the turbines and they were okay. With the gravity fed guns I had to increase the air pressure, thus more overspray; or reduce the fluid and in some cases both. The turbines were 2-stage and I couldn't increase the pressure so I had to reduce the fluid, again I was restricted. That's when I realized that if I could get the fluid under some pressure, like a latex pump sprayer, I could get what I wanted. With my gravity fed/compressed air guns I noticed a significant difference if I used one of the bigger cups on top and the cup was full. Just the added pressure of the fluid helped, so I got to playing with "drilling" and trying to rig up the gravity feeds so I could pressurize the cup, not with great success, but I had enough success to know it was the answer.

If you prefer using a gravity fed spray gun, I have found that the 3M PPS system is superb. Soon after, I got my hands on the Apollo Atomizer, my troubles were over. I often run mine on compressed air, but I also have the 1050VR Turbine. I can get on cruise control and knock it out. I typically run the 1.3 needle/nozzle because I can get the fluid to the gun and cut the pressure down so there's very little overspray. Now, the booth gets loaded up and I'm back to "in and out." There is one down side to this, I teach finishing classes and when the Apollo is cookin' they complain because they don't get much spray time. They get over it when they see the finish they get. Just a couple of more things I tell my students. The first is about the viscosity. It has improved in the waterborne finishes so here is the test I use, very simple. If it will go through a medium mesh strainer as fast as you reasonably pour it in, you are good to go. Secondly, when you spray a waterborne, look across your panel, you want to see a fine, light texture if any. Look for the whitish haze (waterborne looks like milk). The white haze lets you know you're 'wet enough'. If you have both, give it five minutes and you will see how nicely it levels out.

If you take a little time and use the proper equipment, you will find that you also can lay out a super slick finish using the new waterborne topcoats. The advantages of waterborne finishes are huge. Waterborne finishes are not flammable and are not as toxic as solvent-based finishes. Better for your health and safety not to mention the reduced insurance rates! Personally, I have found that the durability and workability are both superb.

For your next project, give waterborne topcoats a try. Happy finishing!