

## Department Reports April 9, 2019

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**Ed Eich, Manager**



**Kathy Villani  
Assistant Manager**

### Stained Glass

#### Stained Glass Group Update

Our members have been busy with both repair work and new projects. Shown below are 2 of our repair projects:



Eric Lundberg has collected a number of stained glass windows from old homes over the years. He has begun refurbishing and framing them. Eric cleaned up the old solder and, although one of the glass pieces is cracked, he elected not to try to replace the piece. These old windows have such great craftsmanship and beautiful glass (some of which is no longer made today) that it would be a shame to change them in any way. Eric designed the wooden frame to provide strength and protection for the window and created it in the shop. Great job! It's a beautiful piece.



Karin Williams, with an assist from Gary Wright, completed the repair of a stained glass parrot that a local resident brought to us. The parrot had broken loose from his perch and was being held on with twist ties. Karin cleaned the entire piece (it had been outdoors for the past several years), replaced broken glass, repaired the weakened and broken solder joints, and she and Gary re-soldered the parrot securely to his perch. He'll be able to spend another few years outdoors safely. The customer

## Department Reports April 9, 2019

---

was thrilled with the results and donated over \$75 for the work. The customer also has 2 more parrots that he wants us to repair! The parrot looks terrific, Karin and Gary – you did a wonderful job!



One of our newer members, Roy Hoffman, has just completed his third class – Advanced Caming – and has created a stained glass panel using only zinc and lead came to join the glass pieces rather than foil and solder. Caming is a totally different technique that Roy has mastered quite well. The panel looks beautiful, Roy!

Our classes continue through May so come and join us if you are interested in learning a new craft (or getting back to one you used to know). Classes are held on Friday mornings from 9 to 11 in the shop.



## Special Projects, Website and CNC

**Hans Zassenhaus, Manager**

### *Special Projects:*

We are always in need of VWC Members to assist in working on Special Projects. Any member can select a Special Project from the **Green Binder** at the front Desk. Simply choose a project, ensure that you have entered your name on the sheet in the “Assigned To” space and then proceed to fulfill the requirements. When you have finished the project, put a piece of purple tape on the project, store it in the Special Projects Area of the Shop AND notify the Front Desk that you have finished the project. Many projects will require less than one-hour to complete.

The following are statistics for period March 13 – April 8, 2019:

Special Projects Accepted:	80
Special Projects completed:	56

## Department Reports April 9, 2019

---

Total contributions to the VWC: \$ 1847  
Total Hours Worked 139

Pre-Made Items managed by Bernie Harkins

Items Sold 179  
Total Contributions: \$ 1893

Thanks to all VWC members who contributed their time and talents in working on these Special Projects and Pre-Made items.

### **Website:**

The website has operated over 4000 hours without a single minute of down time as we are hosted on Microsoft Azure.

If you have an idea of how to improve the website please send your suggestions to [woodshop@thevwc.org](mailto:woodshop@thevwc.org).



## **Administration – Front Office**

**Anne Bell, Manager**

### **LIKE A BROKEN RECORD, HELP WANTED - STILL!**

We will need 15 or more volunteers who are willing to work in the front office either at Eisenhower or Rolling Acres.

Training must start soon so that you can get “hands on” training now and be ready when the new shop opens.

If you are interested, call Anne Bell at 352-350-2416 for additional information.



**Bob Bell, Outgoing Manager**



**Steve Eikenberry, New Manager**

## **Member Merchandise**

As Bob Bell steps away from the Member Merchandise responsibility, please welcome Steve Eikenberry in that position.



**Mary Ann Main**

No update this month.

## Library



**Deb Larouere**

## Education

Although most classes are winding down for the season, new classes are being added. Watch your VWC email. A few will run this summer.

Additional instructors are needed in all areas. Dick Besler needs additional teachers for certification classes now. Please encourage skilled colleagues to step up.

Members interested in a specific topic are encouraged to help identify teachers. We are looking to encourage more team-based teaching in an effort to open up more opportunities for members to acquire additional skills and have some fun. Please contact Debbie Larouere to talk about your ideas.

We will begin working on the Fall schedule this summer. If you are already planning to teach a class between September and Christmas this year, please let Debbie Larouere or Bob Matthews know, especially if you are looking at specific dates.



## IT (Information Technology)

Current efforts revolve around daily support of existing IT systems such as the Front Desk and Electronic Doors. New PC on order for the Front Desk - expect to change it out in early May. Planning for off season maintenance work and for requirements for the second location is ongoing. IT Clean-Up and Maintenance Day was Sunday, March 24. While we cleaned dust out of the PCs, we also took inventory of key IT assets. We now have 501 c3 status with Microsoft and will be able to take advantage of special pricing they have for Non-Profits for their Microsoft Office Products.



### Lumber

**Stephen Yovan, Manager**

Just received a fresh supply of walnut lumber and cherry shorts (6' in length verses the 8' standard) at a cheaper price per board foot.



### Toys

**Conway Williams, Manager**

The VWC Toy Department continues their strong start to 2019

We participated in Toys on the Square on Tuesday April 2<sup>nd</sup> where we raised \$237.00 from Toy Sales and \$89.00 from cash donations for a total of \$326.00.

On March 21<sup>st</sup> we notified Healthy Families of Florida that we would meet our commitment to provide toys for their organization for their 2018-2019 fiscal year. Further, we agreed to provide them a minimum of \$13,170 worth of wooden toys in support of their 2019-2020 fiscal year which will start in July 2019.

We have agreed to work with the SOZO Kids Help organization to provide them car kits for a "Pinewood like" Derby event in June.

We have also been approached by Camp Boggy Creek to see if we can help them with wooden kits for their woodshop program.

The Elves and Painters continue their hard work!

- They produced another 1160 Toys in March.
- This gives us a year to date total toys produced at the end of March of 3,410 which is 875 toys ahead of last years' record pace.
- So far in April we have produced an additional 432 toys.

On the shipping side we are also picking up the pace.

- In March we made four shipments totaling 852 toys with a donation value of \$3,226.00.

## Department Reports April 9, 2019

---

- This brings our year to date toys shipped, at the end of March, to 1,827 Toys with a donation value of \$11,614.
- So far in April we have shipped an additional 319 toys with a donation value of \$1,057.00.

Looking ahead, we will participate in Toys on the Square at Spanish Springs on Tuesday May 21<sup>st</sup>.

Please come out and support the Toy Team at this event.



### Safety and Turners

John Herega, Manager of Safety and Turners

#### TURNERS GROUP

**PLEASE, PLEASE, PLEASE – DO NOT CHANGE THE SHAPE OR GRIND OF ANY OF THE GOUGES, SCRAPERS OR PARTING TOOLS. DO NOT MODIFY, IN ANY WAY, ANY OF THE CLUB’S TURNING TOOLS OR ACCESSORIES, INCLUDING THE HANDLES OF ANY TOOLS!**

If you desire to have a specific shape or a modified tool, BUY YOUR OWN. You are free to do anything you desire to your own tool(s). If you are experiencing a problem with a tool, want to change a grind or shape or desire a tool not currently available see John Herega and discuss your desires to him.

The turner’s group monthly meeting will be held in the wood shop Tuesday April 16, 2019 promptly at 7:00PM in the shop. Please bring a show and tell item. As of this writing we do not have a demonstrator for this meeting. Anyone interested in demonstrating a wood turning item or technique contact John Herega at [herega@hughes.net](mailto:herega@hughes.net), leave a message at the front desk or call his cell phone number. Following the meeting there will be a social period and demonstrator critique. Snacks will be provided, bring your choice of beverage.

We are looking for members that would like to demonstrate their skills or techniques to the turners group, for the edification of the members. Anyone interested please contact John Herega. We bring in various demonstrators from local clubs and surrounding areas. We are looking for demonstrators that are new to the group. We would love for our very talented members to share their talents with us. Any suggestions or ideas are welcome.

#### APPARELL

There is a limited supply of woodshop caps available (both carvers and general membership). Aprons, smocks, respirators, dusk masks, safety glasses and side shields are also available in the shop. Inquire at the front desk or contact John Herega.

Personalized VWC shirts and hats are available at Custom Apparel 3451 Wedgewood Lane, Buffalo Ridge Plaza, rt.466.

#### SAFETY

The next Safety Committee will be **Monday April 22 at 9:30** am in the library. Any member wishing to join the safety committee is welcome to attend the meeting(s).

## HAND TOOL SAFETY

- Hammers, wrenches, chisels, pliers and other hand tools are often underrated as a source of potential danger.
- Hand tools may look harmless, but they are the cause of many injuries.
- In fact, an estimated 8 percent of all compensable injuries are caused by incidents associated with hand tools. These injuries can be serious, including loss of fingers or eyesight.
  1. Cuts, abrasions, amputations, and punctures. If hand tools are designed to cut or move metal or wood, remember what a single slip can do to fragile human flesh.
  2. Eye injuries. Flying chips of wood or metal are a common hazard, often causing needless and permanent blindness.
  3. Repetitive motion injuries. Using the same tool in the same way all day long, day after day, can stress human muscles and ligaments. Carpal Tunnel Syndrome (inflammation of the nerve sheath in the wrist) and injuries to muscle, joints and ligaments are increasingly common if the wrong tool is used, or the right tool is used improperly. Continuous vibration can also cause numbness or poor circulation in hands and arms.
  4. Broken bones and bruises. Tools can slip, fall from heights, or even be thrown by careless people, causing severe injuries. A hammer that falls from a ladder is a lethal weapon.
- To avoid such injuries, remember the following safety procedures:
  - a. Use the right tool for the job. Don't use a wrench as a hammer. Don't use a screwdriver as a chisel, etc. Go back to the tool crib and get the right tool in the right size for the job.
  - b. Don't use broken or damaged tools, DULL cutting tools, or screwdrivers with worn tips.
  - c. Cut in a direction away from your body.
  - d. Make sure your grip and footing are secure.
  - e. Carry tools securely in a tool box or belt.
  - f. Don't carry tools up ladders.
  - g. Keep a close track of tools when working at heights. ,A falling tool can kill a person.
  - h. Pass a tool to another person by the handle; never toss it to them.
  - i. Never carry sharp or pointed tools such as a screwdriver in your pocket.
  - j. Be on the lookout for signs of repetitive stress. Early detection might prevent a serious injury.
  - k. Always keep your tools in top condition. A dull blade or blunt point can lead to injury.
  - l. Store tools properly when you stop work.

By following these precautions, you can help prevent injuries and provide a better workshop environment for everyone.

**REMEMBER, AN OUNCE OF PREVENTION IS WORTH A POUND OF CURE!**



## Carvers

**Pete Bankowski**

Nothing to report.



## Certification & Monitor Training

**Dick Besler**

Twenty more new members will go through certification on 4-11.

Work is underway to certify another 20 in May. With some instructors away during the summer months it is difficult to get full coverage. Anyone interested in helping with certification, please contact me at [bes01@embarqmail.com](mailto:bes01@embarqmail.com) or 609-915-6532.

**Please remember that on the days of certification, the shop is closed to all members EXCEPT monitors, “students” and instructors!**

Please be reminded that starting this month **monitor training** will be held the first and third Wednesdays of the month.



## Vice President

**Jim Spallone**

**Update:** The “Pens for Troops” group made 26 pens last month bringing the total to 999. Stay tuned for further information from Elliot Schantz regarding the making of our 1000<sup>th</sup> pen.



Dave Adamovich



Glen Croteau

## Maintenance/Shop Administration

**18" BELT SANDER NOW IN OPERATION.** Most of you have seen the new Belt Sander that replaced the Drum Sander. This machine is designed to provide a much smoother finish to your projects. It is important however, that **EVERYONE READ THE INSTRUCTIONS** very carefully. In doing so, please be aware that the **"touch pad"** operates with a very light finger touch. **Please do not punch the "touch pad keys" with anything other than your index finger.**

You will also notice that the **minimum material length is 9"** and the **maximum material width is 17-1/2"**. This is for all projects except individuals who make SEGMENTED BOWLS. For the Turners who make Segmented Bowls and need to use the machine to sand their individual segmented circles prior to the next stage, we have provided a **FEEDER BOARD** for that specific use.

Instructions on the Feeder Board specify that using the calipers you need to measure the **THICKNESS OF THE FEEDER BOARD + YOUR MATERIAL + THE DOUBLE BACKED TAPE** to determine the height for your initial pass. From that point prior to your next pass you can simply **lightly touch the UP ARROW** and the machine will automatically rise to the next level.

We ask that the FEEDER BOARD *only* be used for this purpose since the MATERIAL REST STRIP is 1/2" THICK mounted at the base of the 3/4" THICK FEEDER BOARD. This means that your project material that you have placed on the Feeder Board **MUST BE AT LEAST 0.550" THICK** for the MATERIAL REST STRIP to pass under the sanding belt.

If any questions prior to using the machine, please seek assistance from any of the Maintenance Team Personnel.

## More "Glue" Info

What woodworkers need to know about Cyanoacrylate

Just what is the stuff?

Cyanoacrylate ester, instant glue's active ingredient, derives from acrylic acid, a versatile chemical that figures in products as sweaters and shower doors. CA glue, a watery liquid, can be compounded with thickeners for added body. Curing by chemical reaction occurs in seconds with thin CA, but may take up to a minute in thickened formulations.

Full bond strength can reach 5,000 psi (about 40% stronger than yellow glue) on a clean, dry surface. As with other adhesives, damp, dirty, or oily surfaces reduce bond strength.

### **Here are three keys to success with CA glue:**

#### **Choose the right formulation.**

You can choose from among three types of instant glue: regular CA, a thickened gap-filling variety, and super gap-filling glue, an even thicker version.

Regular CA works great on tight-fitting joints, but we have found the medium- viscosity gap-filling type best for all-around woodworking. (But don't count on gap-filling CA to make up for sloppy joinery. The glue bridges only those gaps measured in thousandths of an inch, such as slight surface imperfections.)

#### **Apply it correctly.**

Don't go overboard when applying CA; it doesn't respect the "more's better" rule. The ideal application rate is one drop glue per square inch of joint. Too much leads to longer curing times or no curing.

Use CA glue at room temperature. Apply it to one side of the joint only. A spiral pattern works well when gluing large parts, a squiggly line for narrow pieces. Make a tighter spiral or closer squiggles when the adhesive readily soaks into the wood; widen your pattern to apply less glue on less porous surfaces.

#### **Use an accelerator.**

Buy a pump spray bottle of accelerator along with the glue; you'll save a lot of frustration and make better joints. And go easy! Don't wet the wood with accelerator. Don't wet uncured glue with it, either. Mixing them starts a sizzling, bubbling reaction that ends in a weak bond. White, crystalline-looking glue lines mean you're probably overdoing the accelerator.

### **Three sure strategies for joining wood with CA glue**

#### **Accelerator first.**

Spray a mist of accelerator onto the mating surface of one piece (Part A). When it dries (it will in a flash), apply glue to (Part B). Join the parts and hold until the glue cures. You probably won't have time to reposition the parts before the glue cures. If you need adjustment time, use the next method.

#### **Accelerator last.**

Apply gap-filling glue to one mating surface and assemble the parts. (Don't try to wipe away squeeze-out—you'll most likely glue your finger or wiping rag to the project). Align the pieces, and then mist the edges of the joint with accelerator. Hold until the glue cures.

#### **The seep-in method.**

Join tight-fitting, precisely aligned parts with standard thin CA glue. Spray accelerator on the joining of one piece, and assemble the parts. Hold them together, and apply thin CA along the joint line, allowing it to seep into the joint. Wait about 10 seconds for the glue to cure.

### You can unglue, too!

You already know that this stuff will glue your fingers to the project, to each other, or to almost anything else within reach. So, be careful but, be prepared. Buy some debonder, a solvent for CA. In addition to undoing accidents and cleaning up, debonder lets you separate parts that have been glued together. Simply apply it to the joint; the parts will separate cleanly, but not as quickly as they went together.



**Jerry Leinsing**



**Lowell Sundermann**

## Woodworking Technology

The Woodworking Technology Department continues to cruise along. Formal training classes are ending with the last Laser - CorelDraw class the first week of April. Jerry has offered E503 (first step to becoming a CNC operator) beyond the formal schedule by training small groups at his home. This added 9 additional members in March ready for final training on the CNC. So the training schedule at the shop has "spiked" which is okay. We will be offering to complete operator training throughout the summer months on an appointment bases. As stated last month, Jerry and Lowell will be working on improvements to the CNC training schedule for next fall, and Bob LaVarnway will be finalizing a certification program for the laser. The first 50 licenses of Corel Draw have been sold. We are buying additional licenses in packs of eight with a slight increase in unit price. Jerry has also revised his training materials using MS PowerPoint resulting in a reduction of the course materials.



**Mike Cromwell**

## Chair, Board of Directors

## Department Reports April 9, 2019

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No report this month.



### President

**Mike Borfitz**

For those of you who may have missed it, The Daily Sun on March 25 headlined the paper with “Brownwood Booming”. Within that article, further inside the paper, the following was reported:

*Along with this commercial and connectivity activity, design plans are being finalized on a new resident amenity that emerged from a collaborative venture to enhance the lifestyle – the community’s second woodworking shop.*

*In October, the Sumter Landing Community Development District accepted a donation of 9.31 acres from The Villages, on behalf of the Woodworkers resident lifestyle club, adjacent to The Villages Public Safety Station 45 across from the Eisenhower Recreation Center.*

*“We’re supplying the building, and the Developer is supplying the property,” said District Manager Richard Baier. “The Woodworkers board of directors have agree to spend more than \$100,000 they originally pledged to equip the woodworking shop. They agreed to add up to another \$50,000 for mechanized equipment.”*

*If all goes as planned construction could begin before the end of the year, Baier said.*

While it sometimes feels like progress is slow, these above comments (which I confirmed with Richard Bair) are encouraging. In the meantime, we continue to increase the number of new members and work to get them certified while we fabricate and store the pieces of furniture-type pieces that can be assembled once the new shop is a reality.