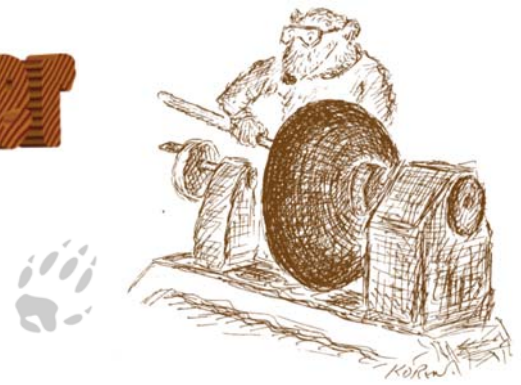


# Woodchuck Chatter

The Newsletter of Woodchuck Turners of Northern Vermont

An Affiliate of American Association of Woodturners

Website: [WWW.WOODCHUCKSVT.org](http://WWW.WOODCHUCKSVT.org)



August 9, 2018

Volume 15, Number 8

## August 15th Meeting at Skunk Hollow Studios

Directions to the August and September meetings at the home and studio of Russ Fellows (Skunk Hollow Studios, LLC) 26 John Davis Dr., Jericho, Vermont, 802-899-3059.

From the east/I-89: Take exit 11, Richmond, Essex Jct. Turn right at end of ramp. Right again immediately at the light. This is the River Rd/ Rt. 117. Go 3 1/2 miles, turn right on Skunk Hollow Rd. Go 2 1/2 miles, turn left on John Davis. Go all the way to the end, number 26.

From the Burlington area: Take Route 15 from Winooski going east. Go past St Mike's College and Ft Ethan Allen (both on left) and continue on to Essex Junction. At the Five Corners bear left, staying on Rt. 15. Stay on Rt. 15 through Essex Center and on to Jericho. There are signs. Once you are in the village of Jericho, (look for the big Red Mill at the

bridge) you will see the world-famous Joe's Snack Bar.....turn right. Turn right again at the stop sign. Turn right again at the next stop sign.....about 1/2 mile. This is the start of Skunk Hollow Rd.....turn right yet again! The first drive on the right is John Davis Dr....take it! Go to the end, number 26.

For the August meeting, we are looking for your inventiveness. Do you have specialized tools you have made or modified? How about any jigs or fixtures you use to make specific jobs possible?

At the September 9th meeting, we will start off with a picnic. We will grill hamburgers & other good stuff. We ask that you bring a dish to share such as a salad or a dessert. Later, our favorite guest demonstrator, Al Stirt, will give us some objects to think about. He will also take a look at any of our turnings we would like an opinion of.

### Inside this issue:

Woodchuck Board info.	2
Random Shots—At The Lathe	2
Treasurer's Report -Karen Drennen	3
President Resigns From Woodchucks	3
July Meeting Continued	5
July Demo—Finishing Techniques	7
Misc. Sightings—Russ Fellows	8
Calculating Electrical Usage—Andrew Zoeller (Contributed By Karen Drennen)	9
Resource Page	11
Liability Insurance	12
Upcoming Demos	12
Mentor List	12
Classified Ads	12

## July 18th Meeting —Harvie Porter

Past President Russ Fellows called the meeting to order at 7 PM.

Announcements: The summer picnic has been put off to September 9<sup>th</sup>. Al Stirt will be the presenter. Since the picnic will be in September, the club will hold a meeting on August 15<sup>th</sup>. The topic will be home made tools, jigs, etc. helpful



(Continued on page 5)

Woodchuck Website Now rejuvenated and live!!

[HTTP://WOODCHUCKSVT.ORG/](http://WOODCHUCKSVT.ORG/)

**Woodchuck Turners of  
Northern Vermont  
Board of Directors**

President:  
Nick Rosato  
The Sculpted Tree  
106 Loaldo Drive  
Burlington, VT 05408  
802-999-2976  
[nickrosato@gmail.com](mailto:nickrosato@gmail.com)

Vice-President:  
Janet Collins  
134 S. Bailey-Hazen Rd.  
Ryegate, VT 05042  
[curlyacer@gmail.com](mailto:curlyacer@gmail.com)  
802-584-4341

Secretary: Harvie Porter  
39 Randolph Ave.  
Randolph, VT 05060  
802-728-4265  
[weltradler@gmail.com](mailto:weltradler@gmail.com)

Treasurer: Karen Drennen  
12 Winters Court  
Swanton, VT 05488  
[Snowflake2017@comcast.net](mailto:Snowflake2017@comcast.net)  
802 868 6161

Member-At-Large & News-  
letter Editor:  
Arny Spahn  
Reporter, Assistant Editor,  
and Proof Reader:  
Cil Spahn  
89 Tom Wicker Lane #229  
Randolph CTR., VT 05061  
802-728-4799  
[apspahn@comcast.net](mailto:apspahn@comcast.net)

Member-At-Large:  
Sal Chiarelli  
20 Cabot Dr.  
Essex, VT 05452  
[Schiarel@uvm.edu](mailto:Schiarel@uvm.edu)  
802-316-0054

Member-At-Large:  
Bob Martin  
36 Calais Rd.  
Worcester, VT 05682  
Phone: 802-223-7475  
[martrlm@yahoo.com](mailto:martrlm@yahoo.com)

Web Master  
Jay Bailey  
22 Cobble Hill Meadows  
Barre, VT 05641  
(802) 479-1458  
[tjaybailey@yahoo.com](mailto:tjaybailey@yahoo.com)

Russ gave me a chunk of Rosewood—specific species unknown. I have worked on it and I'm in the final stages of sanding and shaping. This chunk has some heartwood and some areas which are softer. Coloration ranges from creamy white to dark red-brown. There are some distortions running through the grain.

I mostly used my PN brand 1/2" bowl gouge inside and out. The early rough turning was done with the gouge sharpened on my 180-grit CBN wheel. I re-sharpened the gouge twice during this initial shaping. I used this method to bring the piece down to zero flat spots on the outside.

Once I had the major irregularities off the outside, I re-sharpened the gouge on the 600-grit CBN wheel. There was a definite difference in the feel of the gouge going over the wood. It was as if the wood was less hard. The surface, as the wood spun, looked shinier. It took less pressure on the gouge to make the cuts. I re-sharpened on the 600-grit wheel once to get to the final outside shape.

Turning the inside, I stayed with the same gouge, sharpened on the 600-grit wheel and touched up with fine diamond hones inside & out. The wood peeled off the gouge in short ribbons with light to medium pressure on the gouge. Usually, with denser woods like hard maple, I would describe the pressure on the gouge as medium to heavy. I finished the inside bottom with another gouge, shaped to a 85 degree angle with the back rounded off.

My analysis of the work with the CBN wheels is that I felt that the 600-grit wheel not only gave me a smoother looking cut on the wood, it also made the tool, sharpened to the same angle, sharper than the same tool sharpened on the 180-grit wheel. Now I have to ponder which CBN wheel to use for what purpose.

**You Can't Move On If You Won't  
Let Go.**

Probably 30 years ago, my Rotary club started having a family night at our property near the edge of Randolph. Initially, a couple of the guys did a genuine clambake; dug a hole, filled it with wood and rocks, then layered it with corn, clams, mussels, fish fillets, and sausage. Then covered it over with wet canvas and buried it.

That only lasted a few years when the original experts lost interest. Too much work, too few workers.

After a couple of years, I came up with the idea of having a simple lobster night. We bought a small watering tank and 3 of the turkey frying propane burners. I bought a string hammock which we use as a net to hold the lobsters in while they cook and allows us to haul them all out of the cooker at once. So, for about 25 years or so, I have been the captain of the lobster cooking. The club expects that cookout every year and I dread having to do all that work. Finally over the last few years, I've taught a few guys the fundamentals of timing and labor to put this together. The mix varies from year to year, mostly good-sized lobsters and a few hearty steaks done on our charcoal grill. Our club consists of about 31 people, about 24 truly active. This year, we had 32 total attendees, including family members. And this year, I sat back (mostly) and two other Rotarians set up the lobster cooker, lit the charcoal for the steaks, set up the serving line, and actually did the entire job of cooking.

This year, for the first time, I didn't touch a lobster until it was on my plate. I didn't haul the lobsters out of the cooker. I didn't crack the claws and put them on the plates. I didn't cook the steaks. Yes, I still lend a hand setting up, but I have finally stepped back and allowed others the honor and pleasure of conducting this great gathering of Randolph Rotarians.

*Arny*

**Balance forward**

\$4124.19  
 Dues \$25.00  
 Raffle \$40.00  
 Glue \$.00  
 Sawdust donations \$18.00  
 Total Income \$83.00  
 Balance ending \$4207.19  
 Karen Drennen/Treasurer

*Reminder: Unless you have paid your annual dues by April 1st your name must be removed from the discount list.*

**Dues through July 2018**

The Board of Directors of The Woodchuck Turners of Northern Vermont gratefully acknowledges the payment of dues from the following members for 2018:

Jay Bailey, Ted Beebe, Dale Bergdahl, Chris Bishop, Bradford Blaisdell, Dave Buchholtz, James Bushey, Sal Chiarelli, Janet Collins,

Karen Cutler, Michael Deweese, Ann Dinsmoor, Brad Dinwiddie, Karen Drennen, Greg Drew, Barry Genzlinger, William Durkee, Andrew Durling, Cheryl Ferry, David Ferry, Ted Fink, Joe Fortin, George Gibson, Michael Glod, Linda Hollingdale, Jim Holzschuh, Brad Jackson, Kevin Jenness, Eddie Krasnow, Chris Lumbra, Bob Martin, Timothy Montgomery, Sean Murray, Ted Nelson, William Nestork, Stephen O'Donnell, Bengt Ohman, Mickey Palmer, Mike Papin, Harvie Porter, Randy Ramsden, Brian Reed, Lawrence Rice, David Robistow, Nick Rosato, Sam Sanderson, David Scrase, Edwards Smith, Nancy Smith, Arny Spahn, Cil Spahn, Adam Wagner (50)  
 (Scott Bennett, Russ Fellows, Dick Montague, Michael Mode, Hav Smith and Al Stirt are Honorary Lifetime members, (6)

If you have paid your dues for the year but do not see your name listed here please contact me to correct that error of omission.

[Snowflake2017@comcast.net](mailto:Snowflake2017@comcast.net)

Dues for 2018 are \$25. Checks should be made out to "WTNV" and sent to: Karen Drennen, 12 Winters Court, Swanton VT 05488

Please note: The following privileges are only available to dues-paying members: Video library use, mentoring program, bulk purchase discounts such as CA glue and Anchor Seal, Klingspor and Hartville Tool discount lists, (to remain on the discount lists dues must be paid by April 1<sup>st</sup> each year). Mention the club to get your discount.

## Nick Resigns As Woodchuck President

Fellow Woodchucks, it's time for me to resign. I've had enough. My presidency has been marred in scandals that are completely untrue. Fake news! The woodturning media has accused me of conspiring with the Canadians to promote their method of green bowl woodturning. Preposterous! I am an ardent proponent of the once-turned method, as championed by previous administrations such as Ralph Tursini and Luke Mann.

It is not due to a lack of interest that I am choosing to step down, nor a lack of understanding that I am the finest woodturner on the west side of North Avenue in Burlington's new north end, south of Starr Farm Road. I am making this decision because I am unable to

offer the club the attention it deserves.



For the past nine months I have blamed most of my shortcomings on my nine month old son, Connor. And I will blame this on him too. But only because he cannot contest my excuse!

I need to resign for personal reasons. I don't have the time and energy to focus on the club as the members deserve. My relationship with woodturning has evolved from a passionate, eager, excited hobbyist to a poor, underpaid, skilled, professional. But I'm still enjoying the activity and have no plans to give it up. The song *Three Little Birds* by Bob Marley plays through the speakers in my kitchen as I feed Connor blueberries and milk. His bald little head



(Continued from page 3)

starts bobbing and his arms start *shaky shaky shaky* as he shakes the wooden rattle Jay Bailey made for him. The lyrics are soothing: "Don't worry about a thing. Because every little thing is going to be alright."

In spite of that sentiment, I get emotional about an unfortunate truth that plagues our family. Connor was born with a rare condition called a vein of Galen arteriovenous malformation. The short of it is that arteries and veins developed in the core of his brain that are not supposed to be there. He has had three surgeries since his birth, which have not taken care of the problem. And he has a fourth surgery coming up on September 18. I think about how fortunate he is to live in a time when such a malformation can be bothered and may not be terminal.

The concern is that the malformation can cause blood pressure problems and may lead to brain hemorrhaging and/or heart failure. The location of the malformation requires an intravenous catheter to enter from his inner thigh. The surgeon navigates the catheter through the veins or arteries up to the malformation, where a tiny piece of platinum will be deposited to stop the flow of blood. This procedure is called an embolization.

So Jenna and I have been freaking out as calmly as we can. The prognosis is promising, despite the malformation never going away completely. Connor's malformation is on the smaller end of the size spectrum, according to the one doctor at Boston Children's Hospital who conducts the embolization surgery... the one

and only doctor who handles these malformations in all of New England. The nurses and doctors at UVM Medical Center were oddly enthusiastic when they learned of Connor's malformation because they had not seen one before. Sort of like when a woodturner comes across a "tree of burl" where the entire tree is engulfed by burls and the woodturner has a hard time breathing because of the rarity.

If you would like to learn more about the vein of Galen malformation, check out this link:

<http://www.childrenshospital.org/conditions-and-treatments/conditions/v/vein-of-galen>

The presenter is Connor's surgeon, Dr. Orbach. He makes Jenna and I feel comforted with his ease of speech, sort of like how Glenn Lucas makes bowl turning seem like a leisure activity. That being said, I'm going to have another beer.

Connor has no clue about this as he pinches a blueberry between his thumb and index finger and carefully deposits it in his gaping mouth. Without in utero ultrasound we would not know he has this condition. He loves music. He competes with the volume with his own singing, which may also be called BLAHH BLAHH BLAHH! He is excited to learn how to walk and open drawers and stick his fingers in light sockets. The pediatrician said he is in the normal percentile for weight and height, however his head circumference is at 120% normal. Fortunately, that has nothing to do with his condition. Rather, his parents had large noggins in their youth. In fact, my mom reminds me that I could not

fit into a turtleneck until I was in my teens.

Anyway, back to the club. I'm resigning! So someone has to step up and take this club to the next level. I am happy with my tenure, but always felt I could have done more. I'm generally a pretty lazy guy and that shows in various ways. I do think the club can grow more and I would like to help that happen, but for now I need to take a break. If anyone wants to reach out to me to ask about the role I'd be happy to discuss.

Being president is not difficult. Anyone can do it. I bet you a million bucks a businessman with ties to the Russian mafia can do it. I bet you another million that... you get the drift. I will still be around so you can all poke fun at me for being a fool. After all, it's not like I'm moving to Florida or anything like that. My emotions are focused elsewhere at this time. I will still teach woodturning at CVU High School and we can still meet at CVU during the winter months. I need to shed as many accessory responsibilities at this time as I can for sanity sake. And I look forward to being a pedestrian at a club meeting in the coming months.

With all due respect,  
Rosato

PS I've attached a photo of Connor in his first car. We purchased it for him after his second surgery. A child's first car is much more affordable at this age, let me tell you.



Russ shows the mallet (his left hand) made by his father many years ago, and the new mallet (his right hand) made recently to replace and preserve his older one.



Dave has been experimenting with various types of decoration. Above, he's using multiple layers of spray paint, using dish-detergent as a "resist" between layers. Spray a base color and let it dry. Decorate that layer with painted-on soap. Spray another coat of color. Let it dry. Carefully wash the object down to remove the soap and the color remaining on the soaped part. The object on the lower left had dots of paint applied, and while still wet, blasted with air to leave splashes of color.



Two bowls by Ted Beebe from a giant old bole of Sumac he discovered.



Karen had a walnut crotch which she and Russ sawed into several pieces. She hollowed them to produce the 2 bowls shown here.



As Karen had not produced a platter before, Russ coached her in flattening another piece of walnut from the same crotch.



in turning. Members are asked to bring their home made creations to the meeting to share.

Kudos went to Jay Bailey for his work on the club website. Russ will be doing a show at

(Continued on page 6)





Russ showed several items including this platter incorporating epoxy & colored pencils.



Ann Dinsmore & black locust bowl.



showed a bowl made from Norfolk pine and a live edge platter from a cherry burl. He also showed a vase turned from redwood. Russ Fellows showed a bowl that combined wood and resin.

Green Taura Gallery in North Hero. There will be a reception on the 20<sup>th</sup> of July from 5 to 7.

Dale Bergdahl mentioned that Ted Fink sustained shoulder injury and broken ribs in a bicycle accident. The twenty-eight turners in attendance introduced themselves and identified their towns. The raffle was held. There were 20 participants.

Show and Tell: Dave Buchholtz shared two tops of oak and ash. He

also showed some small platters that were decorated with several coloring techniques. His practice boards showed his trials of the layering technique. Ted Beebe showed two bowls of staghorn sumac finished with polyurethane. Karen Drennan showed two bowls of walnut that she and Russ Fellows had turned from crotchwood. Russ Fellows showed two bowls of maple with two different finishes, one a shiny urethane and the other an oil finish. Ann Densmore shared a black locust bowl. Tom Dunne

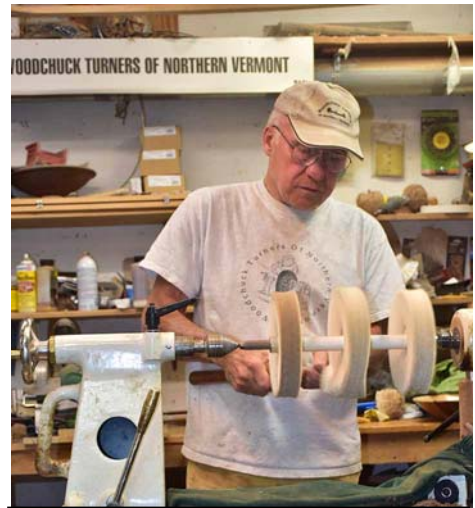
The meeting then adjourned to the evenings topic – finishing. Respectfully Submitted, Harvie Porter.



For finish sanding, Russ will use a very fast air-powered sander.



When Russ wants a gloss finish, he may seal the surface with a spray of shellac, then apply wipe-on poly.



Russ gives a final buffing using the Bealle triple-buffer, usually with the final wheel loaded with Carnuba wax.



This is an engraving tool which works well for signing your work.



Dave showed a cylinder he used to find out how many layers of his thinned, wipe on poly he needs for the gloss he wants. He coated 9/10ths with 1 layer; 8/10ths with a second layer, and continued until he had the gloss he wanted.

(Continued on Page 7)



Anyone who has been to my studio will attest to the fact that my workspace is littered with unfinished projects. Jim Holzschuh & Ellen Thompson’s annual Trunk Show at the end of July was a good reason to do a little “Green up”! He even bills this event as a way for artists to open up their storage trunks and offer up old inventory to make space for the new. So that is what I did! The picture below shows what I assembled to take to the show. Truly a little bit of everything from many years of “playing” in the shop.



The forecast for that weekend was good, and the weatherman did not disappoint, unlike in a couple of past years! Jim always sets up a tent for woodworkers only, so it was a familiar cast of characters, four of whom were Woodchucks. In photo #264



264

Andy Duling is enjoying a busy moment with a full booth of visitors. Barry Genzlinger is seen in photo #227 demonstrating to a father and son. They were there for well over a half hour, with the boy showing genuine interest in turning as he visited all of us and peppered us with ques-



227

tions.

Photo #211 shows Edwards Smith in his booth, samples of his very diverse and finely executed turnings on display. Other booths in our tent included a guy from Irasburg who carves



211

exquisite birds and fish, another who gathers driftwood from Lake Champlain and carves all manner of shapes on it, and a carver doing flatware using only traditional knives and shavers. As in years past, the camaraderie and Woodchuck banter made for a

fun weekend, and everyone there said it had been a good event for them financially.

Russ Fellows

[Russfellows@outlook.com](mailto:Russfellows@outlook.com)

802-343-0393

### Skunk Hollow Miscellanea.

We had another good Sawdust Session on Wednesday, August 1st. Karen Drennen came a little early to continue working on her walnut platter. Back at the June meeting for our discussion about how best to utilize a raw block of wood, she had brought in a big walnut crotch, which we cut in half. Then at the July Sawdust Session we roughed and cored the two halves. Because the size exceeded her lathe capacity, she has been finishing the piece here. She will have it for ‘Show & Tell’ at the August meeting on the 15th.

We have spent a considerable amount of time at all our Sawdust Sessions this year on negative rake scrapers. It seems, for many turners, to be a good way to do the final clean up on the inside of a bowl, particularly the area where the slope of the sidewall transitions to the bottom where staying on the bevel of a traditional gouge becomes problematic. We will continue to work on this, along with how to sharpen them, as long as there is interest? Our next Sawdust Session will be Wednesday, Sep-

(Continued on page 11)



By [Andrew Zoellner](#)

*Editor's note: Doing research for turning my detached garage into a shop space, I came across this section on electrical in the [Woodworking Essentials book](#). It's full of great info on setting up a shop (and everything else you should know about woodworking). I'll be running a new subpanel and new outlets and lighting, so I was glad to find all of this electrical info in one place, and I'm glad to be able to share it with you.*

*Karen Drennen found this and forwarded it for our interest.*

### Typical Tool Amperage Draw

10" Cabinet saw . . . . . 8.3 @ 240v	20-gal. Shop vacuum . . 10.5
10" Contractor saw . . . . 12.8	3½-hp Air compressor . 15
14" Band saw (½ hp) . . . . 9	Router, 1 hp . . . . . 6.8
10" Radial-arm saw . . . . 11	Router, 3 hp . . . . . 15
12" Miter saw . . . . . 13	Belt sander . . . . . 10.5
6" Jointer . . . . . 9.5	Plate joiner . . . . . 6.5
12" Planer . . . . . 15	Random-orbit sander . . 1.7
Drill press . . . . . 6	Spindle sander . . . . . 3.5
Edge sander . . . . . 8.4 @ 240v	¾" Drill . . . . . 4
2-hp Shaper . . . . . 16	Bench grinder . . . . . 6
12" Lathe (¾ hp) . . . . . 11.4	Strip sander . . . . . 2.6
Scroll saw . . . . . 1.3	Jigsaw . . . . . 4.8
Dust collector (2 bag) . . 16	Circular saw . . . . . 13
Dust collector (4 bag) . . 17 @ 240v	

For tools not included on this list, the National Electrical Code sets minimum amperage capacities:

- Small appliances – 20 amperes
- General lighting – 15 or 20 amperes
- Stationary tools – multiply the machine's amperage by 125%. (A 15-amp planer will require  $1.25 \times 15 = 18.75$ , or a 20-amp circuit.)

When electrical circuits or subpanels are added to an electrical service, the total load must not exceed the service rating. Generally, older homes have 100-amp service and newer homes have 200-amp service. If you are not certain about the service, look at the main circuit breaker in the service panel.

If you have 100-amp service, consult with both the utility company and a licensed electrician regarding upgrading to a 200-amp service.

Generally, home woodshops will have one woodworker using no more than two machines at one time (table saw and dust collector, drill press and vacuum). The advantage of this is that the electrical system isn't going to need to support the simultaneous operation of all the woodshop's machinery. As you plan the electrical layout of your shop, make a best guess as to the frequency of use of tools and machines.

Not only will this aid in determining circuit requirements, but it will also aid in planning the placement of outlets. It's often easier to install separate outlets on separate circuits than to have one circuit with multiple outlets. For example, in my woodshop I have three machines requiring 220v service: the table saw, jointer/planer and band saw. Rarely, if ever, are two machines running at the same time. So it's possible for the three machines to have their outlets wired to the same circuit. However, these machines are located in different areas of the woodshop and it was much easier to install outlets at each of the machine locations and route wires through one or more conduits. Since there was adequate space in the subpanel, it was a straightforward addition of circuit breakers and wire. The exception to this is the dust collector, which is also 220v. Because it's operated simultaneously with each of the stationary machines, there was no choice – it required its own circuit.

The National Electrical Code sets minimum capacities for circuits regarding use and amperage:

- **Small appliances:** 20 amperes

(Continued from page 9)

- **General lighting:** 15 or 20 amperes

**Stationary tools:** multiply the machine's amperage by 125 percent. The 125 percent factors the electrical surge that occurs when a machine is first switched on. For example, a 12" planer rated at 15 amps ( $1.25 \times 15 = 18.75$ ) will require a 20-amp circuit.

### Outlets, Switches & Plugs

When designing a new electrical layout for your workshop, placement of outlets and switches requires planning, guesswork and a bit of luck. Work projects, new machines, relocation of cabinets, stacks of lumber and other fluctuating events will block existing outlets and switches from access. Often, well-thought-out locations aren't that handy once the woodshop is actually used. The ideal situation is never having to use extension cords because you have outlets wherever you work. This can be accomplished simply by locating outlets 3' to 5' apart throughout the woodshop, including the ceiling. It may seem excessive, but consider the many work conditions that occur away from the workbench area: Using a vacuum, sander, plate joiner, rotary carving tool or heat gun are but a few.

If the workshop area is a new construction, cables should be installed within the wall framework. If wall coverings are already in place, outlets can be installed on the outside of the wall. Always check your local electrical codes concerning external installations. External conduit adds flexibility to designing and locating outlets because conduit can be routed just about anywhere. Metal conduit pipe can be bent to a variety of shapes and angles and conduit pipe can be cut to length wherever necessary.

### Outlets

There are four acceptable plugs for home woodshop use:

- **Grounded three-prong, 120v, 15 amp**
- **Grounded three-prong, 120v, 20 amp**
- **Ground fault circuit interrupter, 120v, 15 amp and 20 amp**

### Grounded three-prong 220v/240v

Ungrounded two-prong, 120v receptacles are unacceptable in workshops. If an existing workshop has ungrounded two-prong outlets, return to the main power and replace them with grounded outlets. If there isn't a ground wire to the outlet, attach one from the outlet to the receptacle box or the nearest cold water pipe. Check that the ground is functional by using a ground tester. To accommodate most tools, use grounded three-prong 20-amp outlets.

Ground fault circuit interrupter outlets (GFI) are designed to protect you from shock. GFI outlets monitor current; if the incoming and outgoing currents aren't the same, the GFI instantly cuts off the electricity (in 1/40 second). A GFI outlet will trip if there is a ground fault of 0.005 amps. These outlets are generally in bathrooms and outdoor locations where someone may have wet hands and feet. Install GFI units outlets in damp basements or around sinks.

### Switches

There are four basic types of switches:

- **Single-pole switches** have two terminals: one for the incoming hot wire and one for the outgoing hot wire. The switch toggle is imprinted with ON/OFF.
- **Double-pole switches** have four terminals and are used primarily for 240v circuits. The switch toggle is imprinted with ON/OFF.
- **Three-way switches** have three terminals. One terminal is labeled COM (common), and the hot wire is connected to this terminal; the other two terminals are switch leads. Two three-way switches are used to control a circuit from two different locations. The toggle has no ON/OFF imprint.

**Four-way switches** have four terminals and are used with two three-way switches to control a circuit from more than two locations. The toggle has no ON/OFF imprint.

Switches are rated according to amperage and voltage, so choose the correct switch for compatibility with circuits, wire and outlets.

### Plugs

Despite the proliferation of battery-powered tools, there are still many tools and machines that have AC plugs. Usually these plugs receive quite a lot of use and wear, often because of the neglectful act of pulling the cord and bending the prongs. When plugs need replacing, replace worn plugs with dead-front plugs. This type has no exposed wires or screws, and the prongs are surrounded by smooth plastic. If there are screws, they are recessed and are only for securing the plug body together.

When attaching wires to a three-prong 120v plug, connect the black wire to the brass terminal, the white wire to the silver terminal and the green wire to the green or gray terminal.

Polarized plugs have one prong with a wider tip. This type of plug is designed to fit into an outlet in only one direction. You'll commonly encounter this kind of plug on smaller appliances and woodworking tools.



- 1) Lathrop Maple Supply, Hewitt Rd, Bristol, Vermont, 802-453-2897. With a newly expanded inventory area, Tom has a fantastic supply of local and imported wood. His new division, "Exclusively Vermont, LLC, specializes in high quality Vermont lumber and mill products and FSC stock is available.
- 2) Hayley Wood Products in Colchester. (<http://www.hayleywoodproducts.com/>).
- 3) Sutherland Welles Ltd., No. Hyde Park, VT, 800-322-1245. ([www.sutherlandwelles.com](http://www.sutherlandwelles.com)). Right here in our own backyard, they make the best Tung oil products in the U S. Call with an order and it goes out the same day!
- 4) Bad Dogs Burl Source, ([www.burlsource.com](http://www.burlsource.com)) They are down in Belchertown, MA and have an incredible inventory of Australian and North American burls. 413-213-0248
- 5) Johnson Lumber, Route 116 in Bristol, VT. 802-453-4884. Another good "local" source for hardwood lumber of all kinds.
- 6) [www.exoticwoodsusa.com](http://www.exoticwoodsusa.com). They offer a 15% discount to any member of an AAW chapter. Type in 'exoticwoodsusaaw' in the coupon code box.
- 7) Griffin Exotic Woods These folks came up in a search for something else, and I ended up buying a couple things from them. Their prices were fair and the service was good. <http://www.exoticwood.biz/>
- 8) Sinclair Mill Works in North Danville VT <http://www.sinclairmillworks.com/home.htm>. 802-748-0948. He specializes in figure Vermont species. His prices are very reasonable.
- 9) Woodturning Videos and eBooks by Steven D. Russell <http://www.woodturningvideosplus.com/>. This website is full of tips & instructions for turners.
- 10) Mike Jackofsky—hollowing tools. [www.mikejackofsky.com](http://www.mikejackofsky.com). Also sells thru Craft Supply.
- 11) Business cards and other printed goods: [Vistaprint.com](http://Vistaprint.com)
- 12) Laser engraving—Maple Land Mark Woodcraft. 800-421-4223 They are in Middlebury. [www.maplelandmark.com](http://www.maplelandmark.com)
- 13) Les Dougherty & Susan Curington Owners, North Woods Figured Wood North Woods, LLC PO Box 808 Forest Grove OR 97116 800-556-3106, 503-357-9953 [www.nwfiguredwoods.com](http://www.nwfiguredwoods.com) offers lifetime 15% discount on any website wood purchase. Use "WOODTURNERS" coupon code at checkout. [www.nwfiguredwoods.com](http://www.nwfiguredwoods.com)
- 14) Paw Prints Printing [WWW.paw-prints.com](http://WWW.paw-prints.com) 802 865 2872 Gregory Drive South Burlington, VT 05403
- 15) Your NEW colored plywood source. trethaway@comcast.net. Has scraps of colored plywood for resale. Listed on eBay as scratch101012.
- 16) The Tree House, hardwoods & mill shop. Native woods, priced from \$5.00. 1891 Williston Rd., 802-497-3530. [www.treehousehardwoods.com](http://www.treehousehardwoods.com)
- 17) Suffolk Saw of New England, Jeff & Danielle Mellott; 33 Gaudet Dr., Belmont, NH, 03220 877-550-7297

## *Misc. Sightings—Russ Fellows (Continued)*

(Continued from page 8)

tember 5th, but for anyone who can't make it to these informal meetings, but wants to review some of the things we have covered, please give me a call (802-343-0393). I'm sure we can find a time to get together.

At the next meeting on Wednesday, August 15, we will talk about shop-made jigs and fixtures. This will be a "round table" format where all are invited to participate, so bring in any home-made "thing-a-majig" you have created to help your turning

projects!

Hopefully many of you have Sunday, Sept 9, marked on your calendars for our annual Woodchuck Picnic! As always, this will be 'potluck' style, with the club providing the drinks and grill items. World-renown turner and honorary lifetime Woodchuck, Al Stirt, will again join us for a demo and show & tell where he always entertains with his expert and good-natured critiquing, so plan to bring in a recent creation! This is always a fun part of the day!

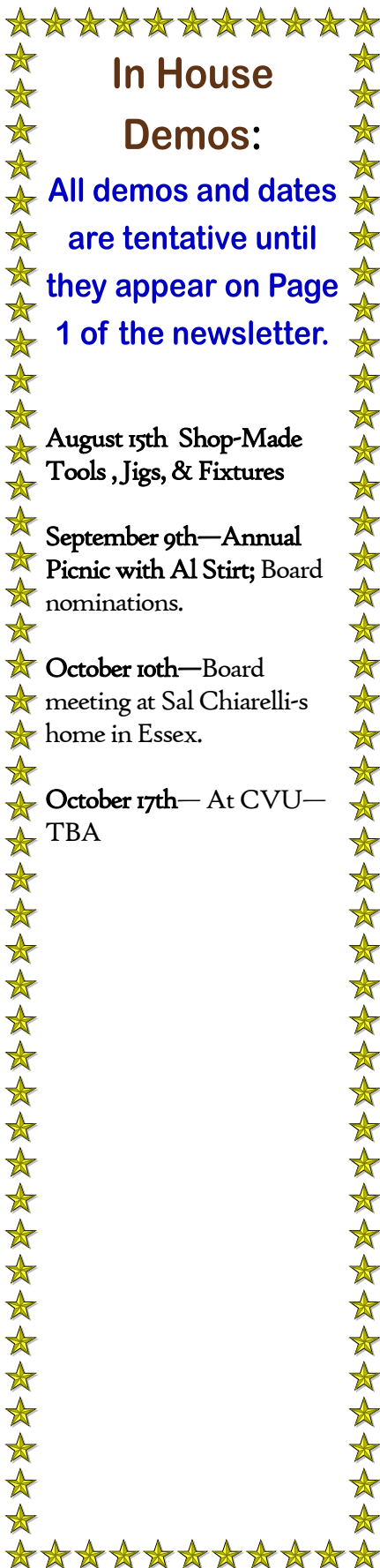
Cheers! Hope to see all of you soon!

Russ

([Russfellows@outlook.com](mailto:Russfellows@outlook.com))

([Skunkmen@gmail.com](mailto:Skunkmen@gmail.com))

802-343-0393



## In House Demos:

All demos and dates are tentative until they appear on Page 1 of the newsletter.

August 15th Shop-Made Tools , Jigs, & Fixtures

September 9th—Annual Picnic with Al Stirt; Board nominations.

October 10th—Board meeting at Sal Chiarelli-s home in Essex.

October 17th— At CVU— TBA

## Classified Ads

Free To Members

6" Delta jointer, 2nd set new knives. \$275  
Joe Fortin 498-4276

### Woodchuck Mentors

These Woodchucks are able and willing to help other Woodchucks wanting some hands-on instruction.

**Craig Hall: Bowls, spindles, & hollow forms.**  
802-644-5344  
[craighall@hotmail.com](mailto:craighall@hotmail.com)  
Cambridge

**Dick Montague: General turning, all aspects plus tool sharpening.**  
802-584-3486  
[Montagueturn@gmail.com](mailto:Montagueturn@gmail.com)  
Groton

**Ralph Tursini: Spindles & bowls, vacuum chucking.**  
802-899-6863  
[info@vermontwoodturning.com](mailto:info@vermontwoodturning.com)  
Cambridge

**Russ Fellows: Segmented vessels.**  
802-899-3059  
[skunkmen@gmail.com](mailto:skunkmen@gmail.com)  
Jericho

**Bill Walsh: tool sharpening**  
802-839-6332  
[billiriquois@yahoo.com](mailto:billiriquois@yahoo.com)  
Northfield

**Greg Drew: Tool skills. Finishes.. Portable mill & chainsaw work.**  
802-527-6207  
[personal-woodsmythe@yahoo.com](mailto:personal-woodsmythe@yahoo.com)  
Georgia

**Nick Rosato**  
**The Sculpted Tree**  
802-999-2976  
[nickrosato@gmail.com](mailto:nickrosato@gmail.com)  
General turning

## WTNV Liability Insurance

### Liability Insurance Policy

As of April 2013 we are covered by a liability policy with the following limits:

Each occurrence: 2M; Damage to rented premises: 1M; Med expenses: 10K;  
Personal injury: 2M; General aggregate: 4M; Products aggregate:4M.

The Hartford; Agent; Michael George:  
(317) 735 4072; [mgeorge@amj.ins.com](mailto:mgeorge@amj.ins.com)

This policy covers all members at all

WTNV events.

If you are demonstrating, this policy will not cover any claim if you are being compensated either by commission or sale of your turnings. In other words, this does not serve as an individual business policy.