



# R. I. P. S. A. W.

May, 2016

Rendering Informative Programs Serving Area Woodworkers  
 Website: <http://www.wiscwoodworkersguild.org/>

## Ron's Ramblings



Ron Reuter  
 Guild President

Hello Everyone,

After 4 months of talking about it, Mitch Kohanek, finally arrived. I have to think this man eats, sleeps and breathes wood finishing. Any question anyone had, he had the answer. He was certainly no disappointment. Although there were two draw backs I came across. First, one Saturday was not enough. My mind couldn't wrap around everything he threw out. And second, I wish we could have had some hands on. I realize the

location was not really good for that and if he would have taken time out for that, we would have missed time on a different topic. I understand why his course is a week long - he needs that much time to cover it all!

I hope everyone walked away with learning something new, I know I did.

Work safe and share your hobby!

Ronald Reuter

### Reflections

This month's *Reflections* is in two parts - both authored by Kevin Seigworth, the man we owe a debt of gratitude to for having pushed us into having Mitch here. The first part is a summary of Mitch's presentation on Friday evening. The second is a summary of the Saturday class. I trust that everyone who is at all interested in wood finishing was able to attend since it's impossible to include all that Mitch conveyed in these summaries.

*Don Doss, Ed.*

### April Meeting Reflections

*By Kevin Seigworth*

Mitch Kohanek was an instructor for 35 years at the National Institute of Wood Finishing at Dakota County Technical College. On a Friday night Mitch presented the six steps for a perfect finish. He began by saying that finishing was mysterious to him as well in his early days in the craft. Through study, experience and seeking out experts the mystery was replaced with expertise.

His goals for us were to be aware of the choices of materials we have,

improve on what we are currently doing, add one new product or tool to our current ones, and eliminate products and tools we do not need.

We finish wood for functional and aesthetic reasons. The functional is to provide protection and limit moisture exchange. The aesthetic is to add beauty. He then reviewed the terminology of the various products like dye, stain, dye stain, grain filler, sealer, sanding sealer, glaze and toner. Dyes are molecular and go in the wood. Stains are pigments and go on the wood. Once you understand color theory you can make any wood color from yellow, red and black.

He suggested we develop a wood finishing schedule that works for us. A simple schedule might be to just use a penetrating oil finish. On exotic and figured woods that might be all you need.

He then discussed film forming finishes like shellac and lacquer. These do add some color to the wood and are solvent based as are varnish and urethane. The solvent for Water base products is water. All of these products do different things to wood.

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## WWG Officers

<b>President</b>	<b>Ron Reuter</b> ronbo439@yahoo.com	<b>262/784-5877</b>
<b>Vice President</b>	<b>Greg Waldo</b> Waldog1050@sbcglobal.net	<b>414/769-1553</b>
<b>Treasurer</b>	<b>Andy Wagner</b> yxandy2001@sbcglobal.net	<b>414/327-7505</b>
<b>Secretary</b>	<b>Ken Ochs</b> kochs@wi.rr.com	<b>262/782-2135</b>
<b>Program</b>	<b>Jay Pilling</b> Jaypilling537@gmail.com	<b>414/425-5692</b>

## WWG Committees

<b>Toy Chairman</b>	<b>Norm Lange</b> glfinman@wi.rr.com	<b>920/474-7183</b>
<b>Raffles</b>	<b>Jim Schlarb</b>	<b>262/968-4830</b>
<b>Membership</b>	<b>Kevin Seigworth</b> kseigworth@wi.rr.com	<b>262/470-8916</b>
<b>Publications</b>	<b>Leila Crandall-Frink</b> leila.frink@gmail.com	<b>414/453-4118</b>
	<b>Don Doss</b> FourPartHarmony@att.net	<b>414/281-2854</b>
<b>Audio/Video</b>	<b>Jerry Anson</b> janson@wi.rr.com	<b>414/453-4537</b>
	<b>Tom Hipsak</b> thipsak@wi.rr.com	<b>262/865-8512</b>

## Why I like retirement:

Q: Among retirees, what is considered formal attire?  
A: Tied shoelaces

Q: Why don't retirees mind being called 'seniors'?  
A: Because the term 'seniors' comes with a 10% discount.

## Woodcraft Class Schedule - Tuition assessed

Turning 101: Spindle Turning with Mark Trenier, Sun, May 1, 10:30am - 4:30pm

Mother's Day Turned Gifts with Melanie Wegner, Thur, May 5, 6pm - 9pm

Hand Tools Setup & Use with Kevin Seigworth, Sat, May 7, 9:30am - 3:30pm

Table Saw Fundamentals with Dan McClanahan, Mon, May 9, 6pm - 9pm

Basic Scroll Saw with Tom Yapundich, Thurs, May 12, 6pm - 9pm

Raised Panel Doors on a Router Table in Two Parts with Dan McClanahan, Mon, May 16 & 23, 6pm - 9pm

The Porter Cable 4212 Dove Tail Jig with Chris Kraemer, Thur, May 19, 6pm - 9pm

Turning 101: Spindle Turning with Mark Trenier, Sun, May 22, 10:30am - 4:30pm

## Woodcraft Demonstrations

Dust Collection, Sat, May 14, 1pm

Squaring A Board, Sat, May 21, 1pm

*For further details, call Woodcraft: 262-765-6770. Woodcraft is located at 14115 W. Greenfield Ave., New Berlin*

Q: When is a retiree's bedtime?

A: About 2 hours after he falls asleep on the couch.

Q: What do retirees call a long lunch?

A: Normal

## Rockler Class Schedule - Tuition assessed

Sharpening Using the Wolverine System with Gary, Mon, May 16, 12pm - 2pm

Wooden Pen Turning with Gary, Wed, May 18, 5pm - 6:30pm

Beginner Bowl Turning with Gary, Sat, May 21, 9:30am - 1:30pm

Intermediate Scroll Sawing with Matt, Sat, May 21, 1pm - 5pm

## Rockler Demonstrations

5/7 Master the Mini Lathe, 11am

5/10 Basic Scroll Saw Techniques - 5-7pm

5/14 Bench Cookie Extravaganza - 11am

5/21 Knife Making Made Simple 11am

5/28 Routing Radiused Corners - 11am

*For further details, call Rockler: 414-774-1882. Location: 1725 S 108th St, West Allis*

## Friends of the Wisconsin Woodworkers Guild

**Homestead Finishing Products**, Cleveland, OH  
(216) 631-5309 [www.homesteadfinishing.com](http://www.homesteadfinishing.com)  
**Rockler's (The Woodworker's Store)** 1725 S

108th St, West Allis, (414) 774-1882  
**Woodcraft**, 14115 W. Greenfield Ave New Berlin, WI 53151 Phone: (262) 785-6770  
**Woodline USA** (800) 472-6950

(Continued from page 1)

A factory finish is often a multistep process. The steps might include applying dye, sealer, glaze, topcoat, toner and more topcoat. We will not be able to match this look with one can of stain.

Six steps to a perfect finish:

1. Decide what you want it to look like and what protection is needed
2. Understand the substrate you are working with, for example with book matched veneer each side will look different under a finish and if you want them to look uniform you would use a toner which is color added to a top coat.
3. Prepare the substrate properly. With a penetrating finish you can sand as fine as you want but with a film forming finish do not go beyond 220 or you may have adhesion issues.
4. Select the correct materials for decoration and protection.
5. Choose the proper tools for application.
6. Skillfully use your tools including proper brushes, rags or spray equipment.

### Saturday Class Reflections

By Kevin Seigworth

In a Saturday finishing demonstration, Mitch Kohanek took 27 WWG members on a whirlwind tour of the topic too extensive to include all of it here.

We began with a discussion on building a finishing schedule that works for each of us. We should decide on that finishing schedule before we begin the build. Mitch reviewed the advantages of shellac. It imparts beauty, protection, UV protection, is health safe, is stable over time, is easy to repair, is a good sealer, can be brushed, ragged on or sprayed. But it is not the best choice for kitchen tables or bathrooms. Mixing your own shellac from flakes lets you control the freshness and viscosity. If you prefer a lower sheen than the natural gloss of shellac and you do not want to use steel wool to lower the sheen, Jeff Jewitt sells a product called shellac flat.

Gel stain is a good choice for blotch prone woods like maple, cherry, birch and pine. Once the wood blotches or your stain is too dark the game is over so you need to figure this out ahead

of time on your sample board. Mitch reviewed using glaze to add color or move the piece from transparent to more opaque in the case of matching an antique.

We then moved on to using the various pore fillers where you want a filled grain surface without texture.

Mitch reviewed the different types of sandpaper and how to use it effectively. For sanding ring porous woods by hand you could stop at 150. If machine sanding you could go up to 180. For diffuse porous woods sanding to 220 gives the wood more clarity under a finish. Sanding beyond 220 can lead to adhesion issue with film forming finishes other than shellac.

Mitch reviewed dyes and how to use them. He demonstrated first wiping on a yellow dye. Then a coat of red dye was applied over the top resulting in an orange. Then black dye was wiped over the orange and the result was a pleasing warm brown.



His recommendation for highly figured wood was to dye and not use pigment stain, then use oil to pop the figure. Shellac as a top coat provides some natural UV protection for the color. For marquetry a CAB lacquer is clear and will impart the least color to the wood. It is available in aerosol cans and can be safely sprayed outdoors.

Mitch reviewed lacquer and varnish advantages and disadvantages. His favorite varnish is Waterlox. He then moved on to a review of water based products. He recommends a synthetic taklon brush for waterbase and shellac. A natural bristle brush containing ox hair is recommended for varnish.

He then reviewed spray systems, how to use them and how to fix problems.

Next, Mitch took the audience through a French polishing session where pumice is used to fill the pores, then shellac and oil are used to pad on many thin coats with a linen cloth. In 15 minutes he took a raw board to one that was pore filled, smooth as glass with a high gloss shellac finish, all with a rag.

Whether you were a raw beginner or an experienced finisher, there was something for everyone to learn.

## Wisconsin Woodworkers Guild Board Briefs – April 8, 2016

**Attendees:** Ron Reuter, Greg Waldo, Jay Pilling, Don Doss, Leila Crandall-Frink, Kevin Seigworth, Andy Wagner, and Ken Ochs

**Treasury Balance:** \$7,439.04

**Membership:** Paid 2016 membership is at 111 members.

**Secretary:** Sixty-five (65) members/guests attended the April meeting

**Other:** Final arrangements for the wood finishing class/seminar with Mitch Kohanek were discussed. Program plans for the remainder of 2016 were discussed. Directions for the May 14th Kettle Moraine Hardwoods visit will be published in the Ripsaw.

A reminder that all items for publication in the Ripsaw should be sent to both Leila Crandall-Frink (leila.frink@gmail.com) and Don Doss (FourPartHarmony@att.net).

*Respectfully Submitted, Ken Ochs*

"Long-term member Walt Hadcock has a friend now cleaning out his shop, with two items of possible interest to WWG Members:

- Standard 24" x 48" 4-tube florescent light fixture
- Older (1940s?) Sears 10" Table Saw, atop a shop-built cabinet for dust collection, with a shop-made adjustable fence
  - Controls: Standard left-tilt blade, but uncommon left-side adjustment knob
  - Right Side: Overview of base cabinet and Fence
  - Rear: Typical Contractor Motor and belt
  - Top: Clean Top with Miter, Throat Insert, and Fence

Please contact Ted Strong, (414) 351-6398"



## JEWELRY BOX WORKSHOP

WWG is considering a Jewelry Box Workshop with Bob Dickey as he described in his presentation on Thursday, March 3<sup>rd</sup>. There are two options. The first is a hands-on workshop where each class member would build a jewelry box similar to the one pictured. This class would require two very full days (a couple of consecutive Saturdays, Sundays, or a mix) and could serve a maximum of six students. The cost for this workshop is \$260, including all materials.

A second option is a one-day class in which Bob builds a

jewelry box, demonstrating all the steps and tools involved, but attendees do not. Because no materials are involved, the cost for this class would be \$85.

The date(s) and times of either the workshop or class has yet to be determined and would necessarily be based on Bob's availability as well as that of the venue. If you are interested, **please contact Jay Pilling and specify which option suits you.** At the time of this writing, Bob is relatively flexible after the last week in April, and July 24 - 31. The second weekend in August is out, as is October 28 - November 8<sup>th</sup>.



## Kettle Moraine Hardwood Mill Tour

For those who have signed up for this tour, here are the directions. The tour will be at Kettle Moraine Hardwood Mill North, 5261 Aurora Road in Hartford. As noted previously, carpooling is highly recommended.

From the Milwaukee area, take Hwy. 41 (now Interstate 41) north to Hwy K. This is about 29 miles north of the Zoo Interchange in Milwaukee. Exit at Hwy. K and go west (left) just under .2 miles to Addison Road. Turn right (north) on Addison Road and continue about one mile. Addison takes a sharp left turn and becomes Aurora Road.

*Submitted by Ken Ochs*



## April Raffle & Door Prize Winners

Raffle prize winners were Ted Cooper, Leila Frick, Bob Hillman, Lyle Husar (2), Jim Murphy, Ron Reuter (2), and Greg Waldo. Congratulations to all the winners.

Door prize winners were Lewis Enderle, Ken Ochs, Andy Wagner and Glen Wallberg. Congratulations and Happy Shopping to all the winners.

## For Sale

60-80 burls, small to large and a couple of jumbos. Contact Ron Hinderman 262-549-9614, [r\\_hinderman@sbcglobal.net](mailto:r_hinderman@sbcglobal.net)

## Woodworkers Gym

The Woodworker's Gym is a public-access woodworking shop owned and managed by Guild member Dan Meissner. He is looking to tap into the vast experience of Guild members for part-time shop monitors. Please find some time to stop by, tour the facility and chat.

Special rate for Guild members: get a 10% discount on memberships and classes! Call 262-373-9411 for more information.

The Woodworker's Gym is located at 3220 N. 126th St. in Brookfield, just a half-mile west of I-41/US-45 on Burleigh Rd., open Tuesday-Sunday beginning at 11 a.m.

### May Program Speaker Notes

At Strub's Woodcrib, Peter Strub and company only work with the finest materials. Their staple product is their cutting boards crafted from endgrain Moso Bamboo. These are fabricated using food-safe glues and finished with food-safe mineral oil and bees wax. Why bamboo, and more specifically, why Moso Bamboo? Peter will give us an in-depth explanation in May!

Although Moso Bamboo is used extensively at Stub's Woodcrib, they also work with other exotic woods. With over 15 years experience in this area, Peter has come to appreciate the enormous variations, complexities and beauty of these woods. Through their use, Peter has created serving trays, trivets, turnings, wall art, and his Mantel Clock Collection.

Always keeping his eye out for

newer technologies, Peter has recently discovered liquid resins and mineral inlays. Through these, he's incorporated a whole new look into some of his work. He's also begun working with aniline dyes and metal oxidized patinas. These additions have unleashed a whole new realm of artistic freedom.

Are you ready for some inspiration? Don't miss Peter's presentation at our May meeting!

### Notice: For sale items now on WWG Website.

There is a new section on our WWG Website, updated regularly by our webmaster, Dave Steingart. Check it out at <http://wiscwoodworkersguild.org/ForSaleETC.html>. Although the listings are screened for interest to our members, WWG is not responsible for the accuracy of the listings or for the quality of the products. Caveat emptor - "Let the buyer beware". Thank you Dave.

### Show and Tell - March 2016



Jim Schlarb, Spalted Hickory



Jim Schlarb



Dave Barber



Greg Waldo bought two planes at a yard sale and cleaned the rust off one using Evapo-Rust. Available from O-Reilly Auto Parts



Salad Mixing Forks, Jay Pilling



Wood Spirit by Jim Schlarb

# Presentation April 2016

Special thanks to **Dave Drickhamer** for providing many of these photographs.



Wisconsin Woodworkers Guild  
c/o Don Doss  
7241 W. Squire Ave.  
Greenfield, WI 53220

### Upcoming Programs & Events

May 5, 2016	Peter Strub - Moso Bamboo Cutting Boards - turn to page 6 for more details
May 14, 2016	Kettle Moraine Hardwoods Tour - see page 5 for driving directions
June 2, 2016	Annual Round Robin - see Jay to volunteer your expertise!
July 7, 2016	Annual Show 'n Tell - time to expound on your favorite project!
August 4, 2016	<b>NO REGULAR MEETING!</b> However, the board will be meeting to review the current year, and what we can do to make the coming year even better. Be sure to share your thoughts with a board member.
September 1, 2016	James Wilsing - Native American Flutes
October 6, 2016	Jerry Anson - making and decorating a flask
November 3, 2016	Not confirmed yet but Jay is working on having a SketchUp presentation
December 1, 2016	Holiday Party!

**CALLING YOUR ATTENTION TO THE ARTICLE ON PAGE 5, LET JAY KNOW IF YOU'RE INTERESTED IN PARTICIPATING IN BOB DICKEY'S JEWELRY BOX WORKSHOP OR CLASS.**