



Michigan Woodworker

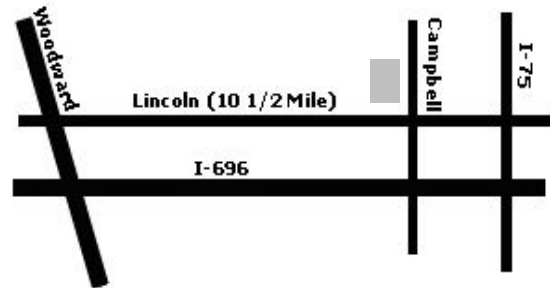
www.miwoodguild.webs.com



Michigan Woodworkers Guild (Est. 1981)

Sunday, August 9th, 2015 (Rain or Shine)

The MWG Annual Picnic will be held at VFW Park in Royal Oak. Swap Meet starts at noon, food at 1PM, drawings at 2 PM.



Calendar Of Events

September 2015 will feature an all day seminar by well known furniture maker author and woodworking teacher Michael Fortune (see flyer)

The September luncheon will be at 1:15 PM at Jimi's in Royal Oak on the 24th.

October 2015 will feature presentations by General Finishes' Sheryl Monahan

The October luncheon will be at 1:15 PM at Jimi's in Royal Oak on the 22nd.

The November meeting will feature presentations on jigs and fixtures developed by individual members.

The November luncheon will be at 1:15 PM at Jimi's in Royal Oak on the 19th.

The December meeting will be the annual Christmas dinner. The speaker for the meeting is still being finalized.

The December luncheon will be at 1:15 PM at Jimi's in Royal Oak on the 17th.

The President's Corner

By Gary Assarian

On behalf of the Guild, I would like to extend warm and sincere well wishes to President John Sanchez. John has experienced a number of challenges with his state of health. His attitude is upbeat and positive. We hope that he will recover fully. I will be serving as the interim president until John's return.

Our fall schedule of programs is sure to inspire our members. It is our hope that the programming we have in store will be of interest to all of our membership. We will kick off the fall with an all-star program. Our day long session which is to be held Saturday, September 12 at the TechShop will feature internationally acclaimed woodworker and teacher Michael Fortune. He is a tremendous speaker and well versed in woodworking techniques. As an educator Michael is second to none. In addition he is a frequent contributor to Fine Woodworking magazine. He has offered workshops at a number of venues including Mark Adams School of Woodworking. His program on various techniques and set up is sure to be a great one and should not be missed. Information and registration for that workshop is provided in this newsletter. Please complete the form provided, include your payment and send it to my home address which is shown on the flyer in the newsletter.

If you should have any questions please email: pathman98@gmail.com or call me at 248 310 9328. We hope that you can take advantage of this rare opportunity to experience one of the best teachers. Your participation is critical to continue helping us to attract only the best educators. We hope that you will come.

Looking further into the future, we would hope that you would also plan to attend the regular meeting on October 11, at the TechShop, which will feature Cheryl Monahan from General Finishes. She is a great speaker and well versed in all areas of finishing. She will address a variety of subjects in the areas of staining, preparation, topcoats, spraying and more. The program will include a Q and A so you will have an opportunity to ask questions about your own finishing challenges or problems. More specific information on her presentation will be coming in the near future. Please check upcoming issues of the Newsletter.

Finally, as you know, the Board works very hard to make our organization as relevant as possible. This requires an engaged membership. Over the past few years our membership and attendance at our general meetings has been decreasing. Some have felt that the venue of the meeting has pushed members away from attending. In an effort to address these issues we have decided to go back to Livonia and Royal Oak in an attempt to improve attendance. We are also working on ways to improve communication with the membership. But this requires members to be willing to participate as well. We have also tried to make our programs more appealing. We have a solid lineup of workshops and programs for the remainder of 2015 and 2016. We are attempting to make the guild a destination that members will support. We need input from all of the membership in order to make the Guild relevant and useful. Please join us in making the Michigan woodworkers build a strong and viable organization.

Treasurer's Report by Ed Stuckey

The Michigan Woodworkers Guild is on excellent financial footing. We currently have a balance of \$18,968.46. Of this total \$5000 was a donation from the MinWax Company for our efforts with the Toy Project. Ken Wolf was responsible for securing the donation.

I will give a breakdown of income and expenditures for the year 2014 so members can see how their money is being spent. We have accumulated a large balance because in years past as our membership dwindle, we asked members to make an optional donation in addition to their regular dues. We had an over whelming response. We have since discontinued this practice because we have increased our membership numbers and have kept costs under control.

Expenses.

Business expenses, this includes printing supplies, envelopes, State of Michigan non-profit filing, library acquisitions, advertising for annual MWG show, MITES, and video cameras and new laptop computer for our monthly meetings. (that alone was \$915.00 of the \$2,106.00—This was a one time expense)

	\$2,106.00
Door Prizes for the raffle.	\$427.00
Flowers for deceased members.	\$80.00
Hall Rental.	\$550.00
Newsletter	\$3,233.45
Supplies for Newsletter	\$403.12
Toy Project	\$ 136.10
Food for picnic and Christmas meeting.	\$1,241.18

Income.

Members Dues	\$6,826.00
Raffle	\$400.00

We had a number of seminars last year for which we charged a fee to pay for the speaker and lunch. These events paid for themselves.

We make an educational donation to MITES each year of \$500.00. MITES is involved in woodworking school programs throughout the state.

MWG 2015 Toy Program

By Ken Wolf

Our Michigan Woodworkers' Guild has maintained a partnership with DMC Children's Hospital of Michigan for over 17 years donating wooden toys every December to assure children who must spend their holidays at the hospital will have a toy to keep. In recent years, our guild has also provided plain wooden boxes for the personal possessions of inpatients which they can decorate in art classes as well as some memory boxes that are used to return the personal possessions of a child that lost their life during their hospital stay. Our members volunteer their time, talent and materials to provide this support throughout the year with a concentrated effort every fall to prepare for a delivery in early December.

In 2015 our goal is to provide over 400 wooden toys to the hospital on December 14 along with at least 50 plain wooden boxes and 10 memory boxes for their patients. Toy patterns are available on our website, if members would like some ideas/inspiration on what is appropriate, as well as the hospital guidelines for the toys. You are free to use your own designs or the guild patterns. The guild will provide wheels, axles and washers for toys donated to the hospital (contact Ken Wolf (734) 981-3423 or wolfkenneth@att.net with your requirements).

The plain boxes should be made of a wood such as pine, poplar or maple and seal coated (usually a thin coat of shellac or lacquer) so it is ready for painting in art class (do not use hinges). Sizes range from roughly 5x8 inches to 7x11 inches and from 3 to 4 inches deep. Adjust box sizes to use material that you have available (many use small pieces in their scrap boxes). Memory boxes are similar sizes but made from finer woods and fully finished (a provision for mounting a 4x6 inch picture in the lid is a desirable option). At our September 12 meeting (Michael Fortune) some sample toys and patterns will be available and Ken Wolf will answer related questions.

As a new approach this year we will try to track progress toward our goals in our Fall newsletters. If you are willing to participate in this worthwhile community involvement project, we would like you to set your goal whether it is a few or a few dozen and let Ken Wolf know and then provide updates on toys/boxes in process and those finished by the 22nd of September, October and November (newsletter deadline). You are free to work in your own shop or to form small groups to build the toys/boxes which ever works best for you. Together we can make this a great year for the hospital and our guild.

Michael C. Fortune

presented by
Michigan Woodworkers' Guild

www.miwoodguild.webs.com

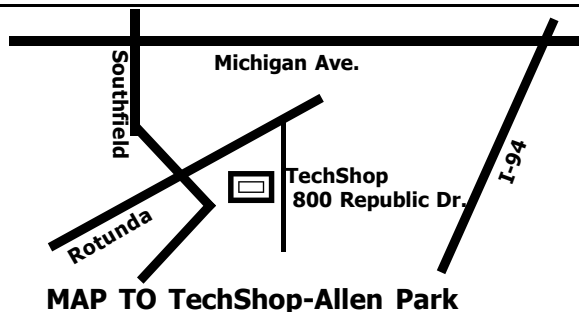
Internationally renowned Michael Fortune will be presenting a one day workshop on Designing and constructing fine furniture using traditional woodworking techniques.

At this workshop, Michael will discuss innovative forming processes that he has adapted from the aerospace and boat-building industries. Although he describes his studio-based work as contemporary, he will challenge us with designs gleaned from a wide range of natural and historical influences. Michael explains that sketching, mak-



ing scale models, and building full-size prototypes are a very important part in his design process and that his goal is to create objects that are resolved on every level and will satisfy his personal aesthetic. This should be one of the best workshops the Guild has ever presented. Don't miss it!

The TechShop (info.dt@techshop.ws) facility is an exciting venue available to the public by monthly or annual memberships. At TechShop, innovators, inventors, and makers can access over \$1 million worth of design and fabrication tools. Work in wood, textiles, metals, and more. TechShop offers expert training and can even aid in patenting your idea.



Date: Saturday, September 12, 2015
Time: 9:30 am -- 4:30 pm
 (lunch incl. 12:30 - 1:30 pm)
Sign in: 9:00-9:30 - Coffee & snacks
Location: TechShop Auditorium
 800 Republic Drive
 Allen Park, MI 48101

Seating is limited. Pre-payment is STRONGLY encouraged. To reserve a spot call, mail, or e-mail Gary Assarian. Phone: 248-310-9328 E-mail: pathman98@gmail.com

Address: 3050 Bloomfield Xing, Bloomfield Hills, MI 48304. Deadline is September 5, 2015

Checks should be made out to: Michigan Woodworkers' Guild

MWG MEMBERS \$15

NON-MEMBERS \$35 (includes a 1 year membership-normally \$25)

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Newsletter by e-mail _____ or paper _____

John Bartz Sale of Tools

August 15, 2015 9:00 AM-4:00PM
41510 Haggerty Woods Court, Canton MI 48187

Longtime guild member John Bartz is relocating due to health concerns and needs to sell his tool collection. A sale coordinated by guild volunteers will be held at his condo to sell his tools and wood accumulation of many years. John was talented in many facets of woodworking with a focus on wood turning. Listed below are some of the items that will be sold:

- Nova TL 1500 5 belt speed lathe (approx. 12" x 36" size) with Leeson variable speed motor
- Steel City Model 60100 variable speed mini lathe with bed extension
- Numerous lathe tools and Nova chucks with interchangeable extra jaws
- Craftsman Commercial ¾ hp grinder
- Delta X5 14" band saw with riser block and light
- Craftsman 10" radial arm saw with light on 5 drawer tool box stand
- Delta portable ½ hp dust collector
- Craftsman Wet/Dry Shop Vacuum
- Delta 10" Bench Saw Model 36-545 Type 2
- Delta X5 6" jointer Model 52-866X with 47" table
- Delta 12.5 " portable Thickness Planer Model 22-560
- Craftsman 5 speed Drill Press Model 137.219120 (540-3600 rpm)
- Hegner Scroll Saw on stand with magnifier light, foot pedal and blades
- Craftsman 3 drawer tool chest that stacks on a 2 drawer chest
- Black & Decker Workmate bench
- Freud 8" Super Dado Set (never used)
- Kreg pocket hole screw system kit with optional extra clamp & guides
- Norton Arkansas stone sets on triangular holder (fine/medium/coarse)
- Carter Log Mill (for resawing on band saw) never used
- Jet Overhead Air Cleaner Model AFS 1000 (3 speed)
- Large assortment of wood turning blanks and pen blanks
- Selection of short log sections for turning projects in a variety of species
- Mechanic Hand Tools (wrenches, socket sets, pliers)
- Micrometers of several sizes and several digital and dial calipers
- Assorted Clamps
- Woodworking hand tools

Sale is located off Haggerty Road .3 miles S. of Ford Rd. in Haggerty Woods condo complex on Haggerty Woods Court (about .4 miles S. of IKEA). Exit I 275 at Ford Rd. head West and get in left lane to turn left at Haggerty (about .1 miles West of I275). Condo complex is on west side of Haggerty.

Hope to see you there to support our fellow guild member-Ken Wolf guild coordinator.

**MWG Meeting Review by Dale Ausherman
Member Methods – Bill Rigstad and John Sanchez
17 May 2015**

I always look forward to our meetings wherein our talented members share woodworking methods and experiences from their past. A great way to learn woodworking is from the experiences of others. The May meeting was another example of such knowledge sharing. Originally Bill Rigstad was to review his experiences at installation of architectural crown molding, John Sanchez was to share his unique methods of performing marquetry, and Tony Gigliotti was to demonstrate techniques for making of picture frames. Tony had a schedule conflict arise, so as a substitute Bill Rigstad reviewed the set up of his workshop in his new residence, including a photo tour of the key features and design principles of the shop.

Bill started with presentation of his new shop, including many design and layout methods he deployed in creating it. As part of a Guild mentoring session many years ago I had the opportunity to tour Bill's former very large shop and learned many valuable tricks which I put to good use in forming my first shop. So I was very interested in seeing what more I could learn from Bill, and especially how he was able to squeeze most of the equipment from the larger shop into a smaller, yet still effective area. As an example of his very effective layout methods he showed a photo of a 5 ½ ft by 8 ft area which contained five power machines and three large shop vacs, all arranged for use without having to move any machine. That is really packing it in! Bill uses scale drawings of the space with paper cutouts representing the needed benches and machines, and then carefully thinks through variations of layout. He also knows the efficiency, for example, of staging the planer near the table saw, as the two are often used in sequence. A key space maker is to orient machines on a diagonal so that aisle space can serve as room for large boards.

Bill places a rubber floor mat at every machine and bench, to ease wear and tear on the feet, and to avoid damage from accidental tool drops. He has a large Grizzly dust collector which is "routed" to each major machine via large PVC tubing with internal copper grounding wires to minimize the danger of static dust explosions or fires. (I assume you all have heard of the major explosions and deaths which occur due to grain dust inside of agricultural storage elevators.) He also uses many large canister shop vacs for smaller machines. Bill tries not to use MDF for parts in his shop in order to keep down the dust. MDF makes a lot of fine dust when being worked. He also has built a dust collection hood behind his chop saw, and attaches an old pillow case on the exhaust side of a transportable shop vac to catch the exit dust. He replaced the plastic collection bag on his large Grizzly dust collector with a cloth bag, which increased the suction volume by about 50%.

One of his pride and joy machines is a 21 inch Grizzly bandsaw, with a 1 inch re-saw blade and a Jointech precision incremental positioning fence mechanism. (It appears that Jointech is out of business at this point, but I see evidence of sales of used systems on eBay and

Craigslist.) A really neat approach to switching and wiring is Bill's use of 17 power strips fastened with metal straps to various locations, many in the floor joists making up the basement ceiling. Each power strip handles multiple plugs, including those which power the ceiling florescent lighting strips. The switches on some of the power strips can turn on multiple lights or machines with a single throw.

One wonders weather after all that careful layout and deployment work Bill could find time to actually use the shop, but use it he does! As a recent major project, Bill and Sally undertook to replace the ceiling crown molding in portions of their new home. Bill mainly used Poplar to make his own two-strip, fairly large complex profile molding. For wood efficiency he re-sawed the wide stock by making two opposing part-way cuts on the table saw using a 7 1/4 Diablo



Bill Rigstad reporting on he and Sally's Crown Molding project

narrow kerf blade (actually a circular saw blade fitted to his table saw) and then band-sawing the remaining wood to fully part the two pieces. This process leaves the one sawn side a little uneven, but that side is simply placed toward the wall-ceiling interface when mounted. This uneven surface does not matter as that surface does not actually interface with the wall. The routing of the complex molding took several passes with different Woodline crown molding bits

(<http://www.woodline.com/p-1307-molding-bits.aspx>). Bill recommends numbering the bits used with a permanent marker, then for

the record retaining a short sample of the finished molding, with notes depicting which bits made which cuts. Thus if you ever need to make more, you know the bits and their application without having to reinvent.

The room in which the molding was installed called for two splices, 18, 37 and 45 degree miters, and three inside and one outside miters, Bill and Sally did both base and ceiling (crown) molding, but his meeting demo was only for the crown molding. His overall crown molding was quite large and made up of two pieces, the lower of which was simply mounted flat on the wall at a particular distance from the ceiling. Fitting the remaining piece of angled molding was then just as in mounting a single cove molding. Bill mounted the angled molding to widely spaced diagonal mounting blocks (with inside corners removed to avoid the



Cut-N-Crown Delux System - \$199

inevitable non-square corners at the junction of wall and ceiling) nailed to wall and ceiling joists. Such blocks are not entirely necessary but make for easier registration are really useful at a molding splice location. He found the joists with a miraculous Franklin Sensors stud finder which Eric Anderson had reported at an earlier MWG meeting (\$55 via Amazon Prime).

Bill cut the molding using his chop saw and a Cut-N-Crown system. The Cut-N-Crown system uses unique patented jigs, unlike any other crown molding jig, to make every cut on the left side of the saw. The beauty of not moving the saw between cuts is that it “eliminates mechanical errors saves valuable time and wasted molding while at the same time delivering perfect miters.” The Cut-N-Crown deluxe kit sells for \$200 (free shipping) at www.cutncrown.com. There is a YouTube video demo of this system at https://www.youtube.com/watch?v=msou4RRd_Sc. To set up the system one first determines the spring angle of the molding (determining which jig to use), measures the corner angles (which determines the bevel angle to be set on the chop saw, then places the molding onto the jig in the saw according to specific layout diagrams for inside or outside corners, and left-hand or right-hand pieces. Sample diagrams are shown nearby. While such diagrams are shown on the back of the jigs, Bill admonishes us to makes blown up copies of the diagrams at FedEx, hang these diagrams on the wall beside the chop saw, and then to carefully study the diagram three times before making the cut.



To get suitably long runs of molding one sometimes must make a splice. Bill made the splices using angled scarf cuts and Locktite CA glue with Stick Fast accelerator. Apparently Sally was in charge of finishing the molding once applied. She used spackling compound to seal any mounting cracks because it is lighter than putty, and can be shaped with a finger and a damp rag. For painting she applied a coat of primer and two coats of paint in the shop before the molding was applied, then a third coat of paint after installation. Photos shown by Bill illustrated the wonderful appearance of the installed molding after all of his and Sally's hard work.

John Sanchez finished up the session with a presentation on a marquetry technique he has developed. While based in part on methods learned in earlier Guild marquetry sessions with Marc Adams and John Roggenbeck, Sanchez' methods extends the art form by including his own skill at airbrush painting.

John not only makes the marquetry pieces from a selected wood species and grain direction, but then “etches” the pieces with inked lines, and airbrushes each with different colors and textures. The result is an expanded art form combining conventional marquetry and painting.

John first draws his design in pencil on Mylar, and then visits FedEx to get enlarged full-size rendition.

He eventually mounts the marquetry pieces on an MDF base. One source of veneer for the applied pieces is film-backed veneer obtained from Oakwood Veneer (1830 Stephenson Hwy., Troy, Michigan 48063 - info@oakwoodveneer.com). These are very large sheets left over from the cabinet work done at Oakwood. The sheets sold by Oakwood start at 4 ft by 8 ft. I recall John saying he got very large leftover pieces for free? John uses the outline on the large drawings to guide his “scoring” of the veneer pieces by hand, using a Profitable Hobbies high-speed turbo engraving system rotary tool. He then uses an X-ACTO knife to make final cuts. Once the marquetry/inked/painted artwork is done, John finishes it with 10-12 thin coats of

sprayed polyurethane. He warns not to attempt brushing on the finish as this will smear the inked lines. John showed a very low-cost HVLP spraying system he got on sale at Rockler for \$99, now normally \$149 (<http://www.rockler.com/hvlp-spray-system>). He says the sprayer works very well. Thus concluded another very useful and entertaining MWG meeting. – DAA



John Sanchez explains his unique blend of marquetry with airbrushed pieces of wood.

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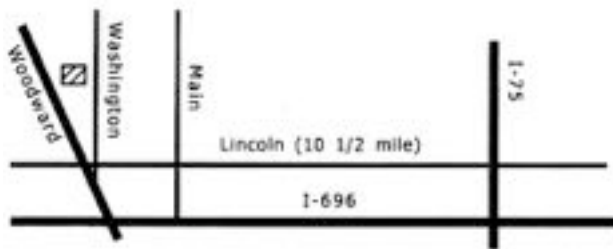
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Jeff Wilmot

For membership information, contact Bill Gayde at 25575 York, Royal Oak, MI, 48067 or by phone at 248-543-3487 or by email at: williamgayde@comcast.net.

For name tags, sign up with Ed Stuckey at a regular meeting



Michigan Woodworkers Guild
25575 York Road
Royal Oak, Michigan 48067

The Picture Gallery



John Sanchez' Drawing For Marquetry



John Sanchez' Marquetry Piece