

West Hawaii Woodturners  
(www.westhawaiiwoodturners.org)

Minutes of April Meeting 4/13/2013 - Update 1

Meeting called to order at 10:08 am by Jack Mise,

**Welcome, Guests, and General Business**

We had two guests this meeting: Nick Medwid from Minnesota and Shelia Hunter from Vancouver. Welcome!

Kelly gave a quick rundown of our finances and mentioned we are in great shape with \$2,940.80 in the bank. Please remember that dues are very low @ \$20 per person or \$25 for a family membership.

Don Derry is set for May 4<sup>th</sup> and 5<sup>th</sup> at the Sharpe's. Don's demo and workshop will focus on form (egg, pear, and the infamous "pearegg"). Check out [www.donaldderry.com](http://www.donaldderry.com) to see his work. There are a couple of slots still available. Please contact Kelly if interested.

**Safety Session**

*Watch the Lathe Speed!*

Check the speed of your lathe before you power it up. Kelly shared how a turner from down under blew up a bowl when the lathe was set to start at 3000 rpm.

*Hearing*

As discussed at the February meeting, we've elected to have a short discussion on safety at every meeting. Jack led a discussion on two important safety issues; protecting our ears and our lungs. Often a neglected aspect of safety, it is important to remember our hearing when working in noisy areas as hearing loss is permanent. It's also slow and cumulative.

*ED. NOTE: This is particularly important when using REALLY LOUD tools like an air compressor (vacuum chucking, blowing out dust, spraying, etc.). Hearing damage/loss begins at about 85 decibels (db). Air compressors can run upwards of 100~110db! Consider ear protectors (HD and Lowe's have a wide selection and indicate much db loss/drop they provide) or moving the loud tools as far from your workspace as possible. There are many air compressor sound enclosure designs on the web that you can easily build as well. And if you need a new compressor, consider an oil-lubricated vs. oil-less. Much less noise...although still loud.*

*Lungs*

Kelly shared his concerns with certain wood types that are known to have a particularly hard impact on our lungs. Watch the dust of Silver Oak, Kou and Milo. Silver Oak is doubly dangerous as its dust has been known to close the throat and its sap can burn the skin.

Jack discussed Powered Air Purifying Respirators (PAPR). Some use the Trend Airshield Pro. Nice unit that has the motor, fan and filters within the helmet. Personally I find this unit to be superior to the standard Trend Airshield as the Pro is much lighter, has excellent visual range and has better weight distribution necessary for those long turning sessions. For those with too much money on their hands, Kelly and Jack like the 3M Airstream. Amazon offers the Trend Pro unit for about \$370, although extra face shield visor overlays should be considered. Other nice extras are a second battery, a stand-alone charger (the Trend unit is normally charged within the helmet) and “ear defenders”. Envirosafteyproducts.com offers both the Trend and 3M products with the Airshield listing for about \$870. Not certain what options are necessary or desirable.

### Show and tell

Dick Wagner showed how one could get apples off a Koa tree. Nice!



Al Kober discussed his approach to Marquetry. His approach:

- Started with a perfect cylindrical area on a turning (his vase challenge piece)
- Measure cylinder diameter and convert to its linear length. That’s the length of marquetry needed
- Design and build the marquetry...his was about 1/32” thick
- Glue a piece of sheer curtain material over the marquetry with 3M spray adhesive
- Wet the marquetry and wrap around a piece of PVC equal to the diameter of the cylinder with the curtain material to the outside
- Used a second piece of PVC larger than the first as a split-ring clamp. This goes over the marquetry-wrapped first piece of PVC to act as and mold/clamp. The second split-ring piece of PVC can be sized by boiling it to temporarily soften the material
- Glue the marquetry in place and remove the curtain material with mineral spirits once it’s dry
- See Al for more details!

Jack Mise became inspired after last meetings wood burning discussion and shared his home-made wood burning unit. Look for a parts list and schematic on the website’s “How-To” section on the “Resources” page. He also showed his very reasonable vision magnifying lenses with integrated LED lights. Jack’s unit can be found on E-Bay at

[http://www.ebay.com/itm/290647313477?ssPageName=STRK:MEW NX:IT&\\_trksid=p3984.m1439.l2649](http://www.ebay.com/itm/290647313477?ssPageName=STRK:MEW NX:IT&_trksid=p3984.m1439.l2649)

Or do a search on Amazon for “Magnifying Headband” and you’ll find Jack’s as well as the popular OptiVisor

and many others. There are many brands with varying levels of quality so do your research!

Cliff Johns made a, er, um, something very alien looking out of Bermuda red cedar. Just see his photo, words simply escape me!

### NEW BUSINESS

Kelly discussed the possibility of having Barbara Dill as a demonstrator in the future (possibly 2014). Barbara is known for her multi-axis work ([www.barbaradill.com](http://www.barbaradill.com)). Everyone in attendance was very enthusiastic of having her demo her work.

### CHALLENGE

Another excellent turnout this month. "Turn a Vase no higher than 12 inches"

1. Jack Mise's vase was a calabash form out of Norfolk Pine. To fill the knots in the Norfolk Pine, Kelly suggests layers of thick CA glue and Koa wood dust. For hairline cracks, try thin CA then rubbing wood dust over the crack.
2. Kelly made two: a pheasant wood week pot and a Koa vase.
3. Dan Gerhart made a "steuben glass" padauk vase with a purpleheart lotus base
4. Gregg Smith's vase was made from Mango with Cocobolo rim/base adorned with wood-burned embellishments.

Cliff Johns Creation



5. Jeff Machit's vase was made out of scraps of bamboo plywood. Jeff took Novice Winner!
6. Michael Wauson made hers out of Mac Nut. Jack mentioned they used a microwave on high for 55 seconds repeatedly unless no measurable weight loss occurred
7. Dick Wagner's vase was created using leftover-segmented rings. It was made from Koa, Locus, Oak, Mahogany, Holly and Milo.
8. Al Kober showed his marquetry vase. The vase's center was made from grey conduit PVC. The PVC was placed in the vase after a pool of epoxy was placed in the vase's hole creating a solid seal. Since the PVC doesn't match any standard drill size, the hole was created with a bit slightly larger than the PVC. He then used a top piece of wood sized to the PVC and drill hole.



9. Phil Pombrio made a Lychee vase embellished with a Fordham tool. Also made a Silver Dollar Eucalyptus weed pot.
10. John Spitzenberger's vase was made from curly Koa and he used his rose engine to create a nice scalloped rim.
11. Tom O'Conner's vase was a work-in-progress using jacaranda and rosewood with a torched-embellishment
12. John Mydock made a natural-edged vase out of tangerine wood. By using the base of the tree as the rim, he created a very unique and pleasing form. John took the Masters category win.



NEXT CHALLENGE: *Lidded Box*

## DEMO

Today's demo was a discussion of form and critiquing ones work given by two visiting experts: Jim Christiansen & Gerrit Van Ness. Please see the "Handouts" section on the "Resources" page on our website to improve your own work! Thanks Jim and Gerrit for a fascinating session. Some general comments and thoughts they made:

- Review past work to see changes & improvements
- Inspiration can be found in many places. "Anything but woodturning magazines!". Look at Home Design books/mags, Architectural Digest, etc. to review form and line. These change over time so stay current to new trends.
- Feel it!
- See how the light reflects as you turn the piece in your hand.
- Find the transition points. Holding it up to a bright light helps find them.

**NEXT MEETING: JUNE 8<sup>th</sup> - "Lidded Box Challenge"**

**Tom Russell – Secretary & Webmaster**