



Des Moines WoodTurners Chapter Meeting Announcement & Newsletter

March 2024

a 501(c)(3) Non-profit Organization

Bulletin 2024-03

March 9th Chapter Meeting Demonstration Tops by Tad Tadlock

Tad will demonstrate how to make fantastic tops that are envied by people of all ages. This is something you can learn to make on your own lathe. And, your chance to use that knowledge to make some tops for the club to sell at the State Fair this year. Who can make a top that spins the longest?



Tad Tadlock has been a member of the Des Moines Woodturners since April 2013 and began his turning adventure in 2013. Tad enjoys turning basic woodturning items such as finials, green bowls, and just taking an unusual piece of wood and seeing what it yields. Tad is an important part of our training program, teaching the basic wood turning, bowl turning, and sharpening classes. He continues to volunteer as a demonstrator showcasing his talents for our group.



April 13th Chapter Meeting Program

April 13: Club members **Will Zitterich** and **Mike Hamilton** will share their knowledge and answer questions related to turning green wood. This is a prime opportunity to learn how to turn a green log into a beautiful project.

April 13th Chapter Meeting Turning Challenge

Turning Material: One 8 foot 2x4 construction grade board.

Project: No restrictions.

You can use all or part of the board. The project can be a single piece or multiple pieces. If multiple pieces, all the pieces must be related, such as a chess set. Enhancements of any kind are permitted (spiral tool, chatter, paint, dye, carving, sand-blasting, torching, etc.).



EXCEPTION to ENHANCEMENTS: No fractal burning allowed.

Winning projects will be prominently displayed in the Valley West showcase and, if space is available, at the Iowa State Fair booth. All entrants will be entered in a prize drawing.

Bring your projects to our April 13th Chapter meeting at the Valley West Mall.

Contact Mike Hamilton at kmhamilton9@msn.com if you have questions.

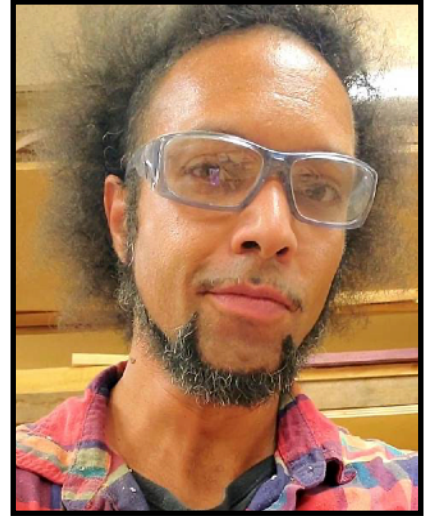
Matt Monaco Update - All Day Chapter Meeting on May 11th



Professional turner Matt Monaco will give **two** demonstrations on Saturday, May 11.

The first will be at **9:30 AM** giving insights on the use of the skew.

The second will be at the regular meeting time, **1 PM**. He will demonstrate how he makes his Signature Bowls.



Matt Monaco is professionally trained and operates a full-time woodturning studio in the Ozark region of Missouri, making dedicated collections, signature series vessels, lidded containers, and spindle-turned items for the industries of craft, interior design, and the high-end furniture trade. At the center of Matt's work is his understanding & mastery of tool control, sharpening and cutting execution as an expression of traditionally crafted design as fine art. He produces forms and items that are made to be as tactile as they are sublime created with intent and purpose.

There is NO CHARGE for this event.

Check out his work here: <https://www.monacobowls.com/>

Summer Break and Suggestions

The club does not have scheduled demonstrations for the months of June, July, and August. Chapter meetings with demonstrations will resume September 14.

Contact Dennis Anderson (dennis.anderson.dca@gmail.com) if you have suggestions for turning demonstrators or topics.

Refreshments - Volunteers Needed

There is a refreshment sign-up sheet near the front counter.

UNDERSTANDING OIL-BASED WOOD FINISHES

By Rob Wallace

After Pat Carroll's demonstrations on February 4th members asked how to dispose of "oily rags" safely. If woodturners/woodworkers choose to use oil-based finishes on their projects, it is helpful to understand how these finishes "work", and the proper handling of the materials before, during, and after use on turnings and other woodworking projects.

What are oil finishes? Oil finishes are 'penetrating' finishes that *enter the wood* and solidify within it (not on the wood, like film finishes: shellac, lacquer, polyurethane). They form a 3-dimensional polymer of fatty acids. You may know them as "Danish Oil", Watco, Formby's, Tru-Oil, Waterlox, etc. To function properly, the type of oil used in a wood finish must be a "drying" oil, which is obtained from plant-based sources. The most common types of 'drying' plant oils for wood finishes are linseed, tung, and walnut, with grape seed and poppy seed oils used on rare occasions. The oil isolated from petroleum refinement, mineral oil, will never "dry", and remains liquid even when soaked into wood; other plant-based oils such as olive, corn, canola, soybean (and their "blends", known as "vegetable oil") also do not "dry" but are subject to a different oxidation process known as 'becoming rancid'. This process generates offensive flavors and odors over time – **these oils should not be used on food-related cooking projects** (cutting boards, bowls, spoons, etc.) given the rancidity problem.

How do they work? The plant-based drying oils are made of mixtures of different kinds of organic chemical components (fatty acids) that react with oxygen in the air to cross-link between the fatty acid chains. They will polymerize into a 3-dimensional matrix of solidified fatty acids, **within the wood**, which offers surface protection. In some finishing products, metallic compounds are added as "driers" to speed-up the oxidation bonding and cross-linking reactions. During the process of absorbing oxygen and cross-linking the oil's fatty acids, heat is generated (an exothermic reaction). If a sufficient amount of oily material continues to react with atmospheric oxygen and generate heat, the conditions may develop where the temperature of the reacting materials can exceed the kindling temperature of the oil + carrier material (rags, paper towels, brushes, etc.) to the point where it will spontaneously combust.

How to use oil finishes safely: Many oil finishes are often supplied diluted in an evaporative carrier to "thin" the oil (for better wood penetration), and these solvents will dissipate into the air; since the actual "drying" (cross-linking) takes time to react with atmospheric oxygen. The completion of this process (sometimes called "curing") is temperature-dependent. Therefore, the piece being finished should have free air circulation around it, and be kept at "room temperature" (or warmer) to achieve a normal drying time (usually specified in the finish's product use instructions). Excess oil finish on the wood surface (especially in corners, cracks, bark, and other "pooling" areas) should be carefully removed after a brief absorption time; compressed air can also be used to remove excess oil from the pooling areas. The oiled project should be allowed to "cure" completely before additional coats are applied. Rags used to apply or remove the excess liquid oil finish should never be wadded, piled together, or kept packed in an open container which would allow heat buildup to occur, thus increasing the likelihood of spontaneous combustion. Suggestions for disposal of the oily materials is to submerge the oily rags in water, keep them in a closed "oily rags container", etc., but these are just delaying the inevitable problem of how to actually dispose of them safely. The easiest way to resolve the 'oily rag situation' for the small-scale wood finisher is to allow the oil to "cure" safely **in the rag or towel** by spreading the rags or towels outdoors on a concrete surface to allow the heat to easily dissipate as it dries. Alternatively, some oil finish users hang the used oily rags on metal fences, metal coat hangers, etc. and suspend them as needed to allow the rags to dry "like laundry" which will easily dissipate the heat generated by the cross-linking reactions. As long as the heat of the reaction is allowed to dissipate freely, the chance of spontaneous combustion is greatly reduced.

Cutting Board Care By Rob Wallace

There are several products that people use for rejuvenating cutting boards.

A very popular product is Mahoney's Oil - that is walnut-oil based and is a drying oil.

Other commercial products are available under names like "butcher block oil" or "cutting block oil" are typically mineral oil based. Some products also include beeswax (or other waxes) to provide additional water repellency. The mineral oil products remain liquid within the wood and do not go rancid, which is OK for this application. For bowls, platters, vessels, etc. intended for display, artwork, etc., using mineral oil as a finish can "bleed" out of the piece over time - in some cases there can be a puddle of oil found at the foot of a mineral oiled piece sitting on a shelf, or a ring of absorbed oil on the tablecloth on which the oiled bowl was sitting. Most people find this annoying or worse!

I use Mahoney's Oil for all utilitarian turnings (salad bowls, wooden utensils, etc.) and cutting/charcuterie boards.

Wig Stand Update from Dan MacAlpine

In February Dick Meuler and I were able to deliver the club's first donation of 6 wig stands to the Stoddard Cancer Center. They were well received and the staff felt patients would really like them. I hope to have a point of contact at Mercy Cancer Center soon so we can donate stands there as well. Jim Gunning has taken the wig stand project lead for the Ames club and they made and donated stands to the Bliss Cancer Center in Ames.

Please contact me at dmacalpine71@gmail.com if you would like more information about getting involved making wig stands. The club has donated lumber that I can get to you, if needed. I have a nice inventory of completed stands on hand but could always use more.

I want to thank everyone who has supported this project. It has been a team effort.



Products for the 2024 Iowa State Fair

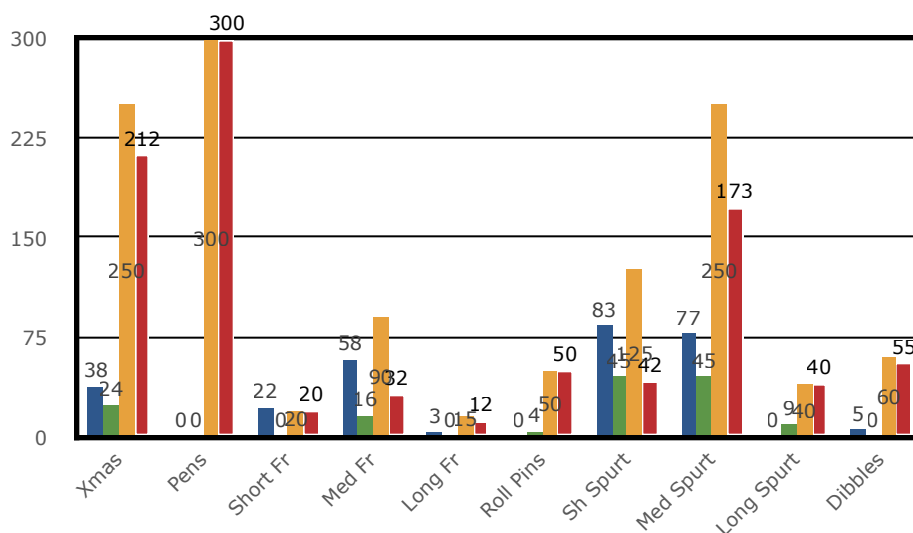
Contact: Duane Groenenboom



The DMWT is funded through sales at the Iowa State Fair. As usual we need items to sell. Bowls, dibbles, spurtles, pens, platters and tops are all excellent sellers. Please find Duane to get free blanks and to return completed product.

Sale Items for the 2024 State Fair	Target	Out for Turning	Current Inventory	Need to Make
Tree - Standing	250	24	38	212
Pens (Simple Wooden)	300	0	0	300
French Rolling Pins - Short 9-12"	20	0	22	0
French Rolling Pins - Med 16-18"	90	16	58	32
French Rolling Pins - Lng 20-24"	15	0	3	12
Standard Rolling Pins	50	4	0	50
Spurtles, Short ~ 10"	125	45	83	42
Spurtles, Medium ~ 14"	250	45	77	173
Spurtles, Long ~ 17"	40	9	0	40
Dibble, Planting	60	0	5	55

■ Inventory
 ■ Out for Turning
 ■ Target
 ■ Need to Make



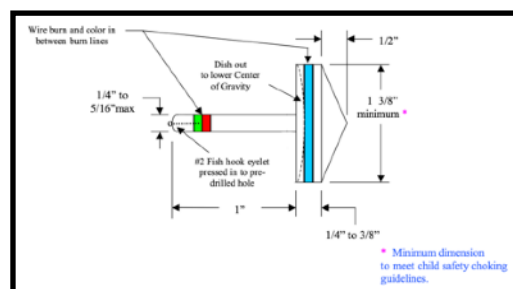
Tops Needed for the Fair

Tops are always a big seller at the Iowa State Fair (August 8 -18). Tad Tadlock will teach us the technique on March 9 at the Chapter meeting.

The DMWT website has excellent instructions to make the top if you need a refresh. (www.dmwoodturners.com > Documents, Downloads and Wearables > State Fair Information, Project Drawings, Etc. > State Fair Spinning Top and Christmas Ornament Combination)

Here is the direct link:

<https://dmwoodturners.com/wp-content/uploads/2015/03/ornamentspinningtop.pdf>



Reminder - Networking at the Chapter Meeting

If you would like to spend some time with your fellow turners, the Valley West location will be open before and after the Chapter meeting. The doors will open at 12 pm and close at about 4:30 pm.

Board Members and Officers

Please contact any member of the board with your comments, suggestions, or concerns.

President: Tom Whalley (515) 321-6323 themodelshop@mchsi.com	Treasurer: Stan Merrell (515) 491-5411 srmerrell1@gmail.com	Programs: Dennis Anderson (515) 975-8573 dennis.anderson.dca@gmail.com
Vice President: Volunteer Still Needed	Training: Tad Tadlock (515) 201-7403 tad4tahoe@aol.com	Safety: Mike Hamilton (515) 822-6771 kmhamilton9@msn.com
Secretary: Will Zitterich (515)-232-1765 wzitterich@mchsi.com	Membership: Dan Carlson (515) 720-0637 dano1466@yahoo.com	

Chapter Volunteers

AV Producer	Tom Baker	Scholarship Program	Mike Hamilton
Camera	Tom Baker	State Fair Products	Duane Groenenboom
Camera	Craig Wyckoff	Training	Dick Meuler
Greeter	Vikki Morain	Training	Tad Tadlock
Greeter	Donna Byers	Training	Duane Groenenboom
Librarian	Don Skarin	Training	John Amberg
Library Assistant	Bob Fischer	Training	Stan Merrell
Mentoring Program	Will Zitterich	Training	Tom Baker
Newsletter	John Amberg	Training	Jack Kennedy
Photographer	Gil Lea	Training	Dan England
Refreshments	Volunteers Needed	Webmaster	Jim Bergeson

Training News

Contact: John Amberg

Spring 2024 Woodturning Classes

Basic Bowl	April 1, 2024	2 spaces
Basic Bowl	May 13, 2024	1 space

Spring 2024 Waiting List

There are a few spots left in the Spring Training Schedule. If there is a class you would like and it is full, please contact John Amberg to get on the waiting list.

Fall 2024 Classes are available for enrollment

Basic Woodturning: If you have not taken Basic Woodturning you will find it useful if you're new to turning, been away from the lathe for awhile or would just like a refresher. Enhance your spindle turning skills. It is a fun day and a confidence builder. In addition, it is the prerequisite for the other courses. Basic Woodturning is two consecutive Mondays, 8:30 to 5 and costs \$40.

Basic Bowl Turning: This class touches on basics of wood harvesting, differences from spindle turning, and introduces the bowl gouge. You will practice on a Poplar blank before turning your Hard Maple bowl. The class is one full day. We provide the tools and blanks, you provide the accessories and face shield. This is a one day class and costs \$20.

Basic Segmenting: This class will cover the basics of making segmented projects, from calculating segment angles and sizes, ring diameters needed, segment wood prep, gluing and clamping, to accurate cutting fixtures. You'll glue together furnished pre-cut segments and clamp them. Turning will be demonstrated but students won't be using the lathe in the class. Pre-cut segments for glue-up practice will be furnished. Bring paper and pencil to take notes. This is a one day class and costs \$20.

Basic Skew Chisel: This class will introduce students to the proper techniques and use of the tool as well as sharpening. Students will furnish their own skew chisel(s) (3/4 inch and up preferred). We will use the same accessories as in the Basic Woodturning Class. This is a one day class and costs \$20.

Basic Sharpening: The sharpening class will use lathe mounted sandpaper sharpening wheels and wooden dowels to teach the techniques of sharpening. This class is primarily for gouges but will also touch on a variety of other common traditional turning tools such as parting tools, skew, bedan and scrapers. In addition, sharpening hollowing tools, thread chasers, hook tools

and common flat carbide cutters will be discussed. After practice, students will have the opportunity to sharpen their own tools using the Oneway Wolverine Sharpening system and CBN wheels. This is a one day class and costs \$20.

Please contact John Amberg at johnaamberg@yahoo.com or 858-220-1489 for further information or to sign up.



Fall 2024 Woodturning Classes

Basic Woodturning	Sept. 16 & 23, 2024	2 spaces
Basic Segmenting	September 30, 2024	3 spaces
Basic Bowl	October 7, 2024	3 spaces
Basic Skew Chisel	October 14, 2024	4 spaces
Basic Woodturning	Oct. 21 & 28, 2024	3 spaces
Basic Sharpening	November 4, 2024	3 spaces
Basic Bowl	November 11, 2024	3 spaces

DMWT Calendar All Meetings at Valley West Mall

Chapter Meeting	Mar. 9, 2024, 1 PM
Networking Meeting	Mar. 27, 2024, 9:30 AM
84% Solar Eclipse	Apr. 8, 2024, 1:58.57 PM
Chapter Meeting	Apr. 13, 2024, 1 PM
Networking Meeting	Apr. 24, 2024, 9:30 AM
Matt Monaco Demo	May 11, 2024, 9:30 AM
Chapter Meeting Matt Monaco Demo	May 11, 2024, 1 PM
Networking Meeting	May 22, 2024, 9:30 AM
AAW 38 th Symposium	May 23-26 (Portland, OR)
No Chapter Meeting in June	No Chapter Meeting in June
Networking Meeting	June 26, 2024, 9:30 AM
Deadline to order Iowa SF competition entry tickets	July 1, 2024
No Chapter Meeting in July	No Chapter Meeting in July
Networking Meeting	July 24, 2024, 9:30 AM
Set up booth at ISF	July 31, 2024
Last Day to turn in entries for Iowa State Fair	Aug. 3, 2024
No Chapter Meeting in Aug.	No Chapter Meeting in Aug.
Iowa State Fair	Aug. 8 to 18, 2024
Networking Meeting	Aug. 28, 2024, 9:30 AM
Chapter Meeting	Sep. 14, 2024, 1 PM
Networking Meeting	Sep. 25, 2024, 9:30 AM
Chapter Meeting	Oct. 12, 2024, 1 PM
Networking Meeting	Oct. 23, 2024, 9:30 AM
Chapter Meeting	Nov. 9, 2024, 1 PM
* Networking Meeting	Nov. 20, 2024, 9:30 AM
Chapter Meeting	Dec. 14, 2024, 1 PM
* Networking Meeting	Dec. 18, 2024, 9:30 AM
* Rescheduled due to Holiday	

Valley West Mall 1551 Valley West Dr West Des Moines IA 50266

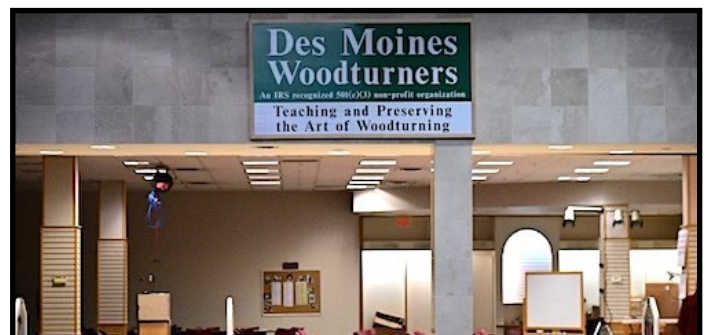


Woodturners
Entrance

Satellite View



View of Outside Entrance



View of Inside Entrance

November Woodturning FUNDamentals PDF - Great for Beginners

If you are a member of the AAW, you can access the Woodturning Fundamentals page at the AAW website. The November issue (2023 November 12:4) projects are Cheesy Project Kit, Turn a Cheeseboard, Next Level Spin Tops, Illuminated Bubble Light Ornament, Turning an Inside-out Snowman and Wood Bottle Stoppers. The Pro-Tips article is "Things I Wish I Had Known When I Was A Beginning Turner".

The PDF can be downloaded and printed without additional charge.

Here is the link: <https://www.woodturner.org/Woodturner/Resources/Woodturning-Fundamentals--Publication-/Woodturning-Fundamentals.aspx?62f6f80253df=2#62f6f80253df>

Newsletter Content

Please send in photographs of your work; we would love to see what you have made. If you have articles that you would like to have published or suggestions on how to improve the newsletter, please send them to johnnaamberg@yahoo.com.

Links to the DMWT Website

[Meetings and Events](#)

[Woodturning Articles and Plans](#)

[Chapter Library List](#)

[Contact Board Members and Volunteers](#)

[Membership Application Form](#)

Additional Educational Opportunities

[AAW Articles and Videos](#)

AAW Articles, Videos, Safety and More (AAW membership required)

[Virtual Woodturning Demos](#)

Driven by master woodturner Trent Bosch. Most demos require a \$10 fee for a two-hour demo, but you can access the archived demo later if you wish. There are several turners providing demonstrations using this website.

[TurnAWoodBowl Videos](#)

Excellent series of free You Tube videos about turning Bowls. Kent Weakley also has a website: TurnAWoodBowl.com

Des Moines Woodturners Wearables

Members wanting Des Moines Woodturners logo embroidered on clothing are advised to purchase shirts, sweatshirts or turning smocks of their choice and style. These must be BRAND NEW and UNWASHED and can be delivered to any officer or board member. When enough items are collected to meet minimums, they will be taken to the embroiderer. Be sure to attach a note with your name to the collar of each garment submitted indicating if and how you want your name embroidered along with the Chapter logo. Costs to add the standard logo are \$10.00 per item. Personalized names can also be added for an additional \$6.00 per item. Chat with **Rob Beattie** if you have questions. 515-282-4532 or beattie.r@mchsi.com.

Membership Benefits - Supplier Discounts

One of the benefits of DMWT club membership are discounts with participating suppliers. We strongly encourage you to use local suppliers whenever possible. Before they ring you up, show discount suppliers your Des Moines Woodturners membership card. BUY LOCAL when you can, Mail Order when you have no other choice!!

Woodsmith Store	<p>The new retail store is open. A 10% discount is available on most items without a cord. 2900 Clocktower Square, Suite #230, West Des Moines. https://thewoodsmithstore.com/ Mon thru Fri 9 to 6, Sat 9 to 5, Sun 12 to 4. Phone: (515) 254-9494</p>
True Value Hardware	<p>63rd and Grand in WDM offers a 10% discount on most non-sale items. If you're in doubt, ask a sales associate. They are known for having nearly anything you'd ever want especially hardware and fasteners. Mon thru Fri 7 to 8, Sat 7 to 6, and Sun 9 to 5. Phone: 279-9905</p>
Acme Tools	<p>629 SW 9th St. in Des Moines offers a 10% discount to members except for sale items and power tools or things with a cord. If you're in doubt, ask a sales associate. Mon thru Fri 7 to 5:30, Sat 8-5:30. Phone: 244-4189</p>
Renewal by Andersen	<p>517 Railroad Ave. in WDM (Valley Junction) offers 5% discount on top of any other promotion(s) for home/business replacement windows and doors. Mon thru Fri 8-5. Phone: 274-9700</p>
Woodcraft	<p>8645 Bluejacket Road, Lenexa, KS 66214, Phone: (913) 599-2800, Email: kansas-retail@woodcraft.com. Website link. 10% discount supplier for woodturning tools, supplies, and accessories not <u>sold</u> locally. Show your DMWT membership card in store for discount on most items except tools with a cord or battery and other selected premium and sale items. Only valid for in-store purchases.</p>

American Association of Woodturners (AAW)

We recommend an AAW membership because it offers you many additional woodturning resources:

- ** Six issues of American Woodturner magazine each year.
- ** Four issues of Woodturning FUNdamentals PDF each year.
- ** On-line access to all previous issues of American Woodturner and FUNdamentals.
- ** On-line access to videos and many other learning resources.

[AAW Membership Join or Renew](#)

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