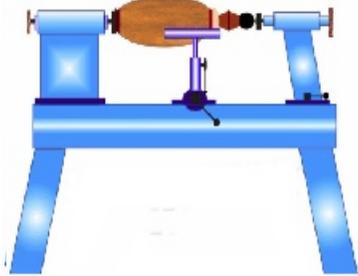


GOLD TRIANGLE WOODTURNINGS



NEWSLETTER OF THE GOLDEN TRIANGLE WOODTURNERS

<http://www.goldentrianglewoodturners.org/>

Center for the Visual Arts 400 E. Hickory, Denton, TX

November 2010

Our next meeting is 7:00pm November 1st

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Neal's NEWS

This Month's Demo is...

"Principles of Turning"

PRESENTED BY STACEY HAGER

We are fortunate to have Stacey Hager as our demonstrator in November. Stacey is a Texan who currently lives in Austin. According to Stacey, "I am a genuine "Ding-Dong Daddy" from Dumas (a small town at the very top of Texas).

I was born in April of 1942. At the age of eight, I began sweeping and carrying out shavings at my father's planing mill and cabinet shop. I worked there until I was 18. I always thought of the job as a means of earning pocket change. Only later did I realize that I had received a full European style apprenticeship. I began turning at about twelve. My "pocket change" (with a little help from oil field jobs) turned into "college money". I pursued my interest in science, math, music, and girls earning two and nine-tenths degrees...and a wife. I taught Chemistry, Physics, and Microbiology at the high school, junior college, and university level. I am now retired, dividing my time among traveling, turning, tool making, and ... none of the rest begins with T.

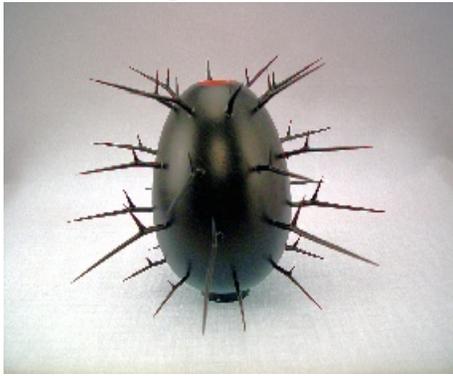


With school, family, jobs, the Army, and all of the dang-things-that-break, I turned very little in my 20's and 30's. I joined AAW and CTWA in the 80's and discovered many tools and techniques that my father never imagined. I like experimenting; therefore, I seldom do anything exclusively. Learning to make and use new tools fascinates me and is probably my most constant endeavor.

Each year I help a number of beginning turners discover the joy of turning wood. I also help experienced turners solve problems and learn new techniques. I am currently working on how and why turning tools work (ie. Cutting Theory). I believe that if you understand the nature of wood and the physics of a cutting edge, you can solve most woodturning problems.

In the course of almost 60 years of working in shops and laboratories, I have stumbled upon a number of things that work for me. I like to pass on what I have discovered and what others have been kind enough to teach me. I believe it is this enthusiastic eagerness to share ideas, skill, information, and techniques that bonds wood turners into a vibrant brotherhood."

Stacey Hager Photos



President's Patter

Where has the year gone. My dad always said that the older one gets the faster time flies. Well, I now understand what he was saying. January was just yesterday.

We have two great meetings planned for the balance of this year. In November Stacey Hager from Austin will be with us. He will present a demo on the Principals of Turning. There will be something for everyone at all skill levels presented by Stacey. You won't want to miss this demonstration. Along with the demo at the November meeting we will hold elections for the 2011 Board. Your vote is important so please plan on attending. The candidates are as follows:

President
Vice President
Secretary / Membership
Treasurer
Activities
Newsletter
Library
Past President

Neal Brand
John Beasley
Mike Nelson
Chris Morgan
Tom Lohr
Glynn Cox
Peter Tkacs
John Solberg

In December we will have our annual Christmas party and dinner. There will be no demonstration. Again this year we will have a raffle with some great turning items and a gift exchange. If you want to be involved in the gift exchange you just need to bring a wrapped gift. Everyone that brings a gift will get one in exchange. It should be something related to wood working / turning. Spouses are welcome to participate as well. Gifts need not be expensive. It could be something you turned and are willing to share with someone else. For dinner the club will provide the meat and you are asked to bring a salad, a vegetable, or a desert to share. This has been a fun evening every year, so plan on joining in the fellowship.

On October 9th ten members of GTW turned out to make cars for kids at the Celebrate Roanoke Festival. The weather couldn't have been nicer. We ended up turning about 150 cars and received about \$140.00 in tips. The smiles on the kids faces made for a very worthwhile day. A special thanks to those of you who turned out to help!!

At the time of writing this the Bowl of the Month Club had received 202 bowls. This is an all-time record. The Empty Bowl luncheon will be held Saturday, October 23rd at St. Andrews Presbyterian Church, 300 W. Oak in Denton, 11:30 to 1:30. Tickets will be available at the door. The Bowl of the Month Club will be continued again next year so plan on signing up at the November meeting and starting the year by bringing your first bowl. We need to continue the success we have had this year. Thank you all for your participation in this important program. Proceeds from the Empty Bowls luncheon benefit the Our Daily Bread Soup Kitchen and Denton Community Food Center.

John Solberg

Be sure to welcome our new members:

Greg Ammon – Highland Village
Gary W Borenhausen – Corinth
Rowland Harvey – Highland Village
James K Johnson – Denton

Matt Nelson – Argyle
Anita Reoh – Shady Shores
Joel Rubin – Flower Mound

THIS MONTH'S BIO

My name is John Beasley and I have lived in Denton for 36 years. I have been married for 45 years to my wife Roni and have 4 married children who have blessed us with 13 grandchildren (11 boys and 2 girls). My career was in manufacturing management where I started as a management trainee with Brown and Sharpe Mfg. Co. after graduating from Notre Dame University in 1967. I was transferred from Rhode Island to Denton to run an industrial drill plant here. I then took a job with Poco Graphite Inc. in Decatur. While working there I received my MBA in 1983. I retired from Poco in 2008 after 35 years, having served as President and CEO from 1986 until retirement.



I have always enjoyed woodworking and have done a lot of flat work. I started turning when I was first married and could not afford to buy fishing plugs to chase the stripers and bluefish in Rhode Island's Narragansett Bay. With an old table top lathe and tools made from files I somehow scraped out the lures and they actually worked real well. Later a friend gave me a 1934 Oliver 1236 lathe that I was able to refurbish and used off and on for many years.

Somewhat in preparation for retirement, I bought a Oneway 1640 in 2006 and since then have become addicted to turning. I am self taught by buying a book, reading it and heading for the shop to see if I can do it. My work so far has been on the classic side with hopes of something more creative if I can improve my skills. I have been in Golden Triangle Woodturners for 2 years and the demonstrations and tips from members have really been helpful.

My retirement time is spent woodworking, playing golf, fishing and enjoying my family.

- If you did not participate in the Celebrate Roanoke car turning you missed a fun time. The weather was great and big pile of chips were made. Not to mention the 150 cars and 150 smiling kid's faces to go with them.
- Be sure and checkout the "Articles of Interest" section, on pages 8 and 9 for Stacey Hager's handout.
- This years Bowl-Of-the-Month club is over and what a great job the club did. Two hundred and two turned bowls... WOW!. See page 9 for your personal final status.
- There are more opportunities for community service and turning fun coming this fall so we all need to...

Glynn Cox Editor

JOIN IN FOR A GREAT 2010!

Photo Highlights of last meeting

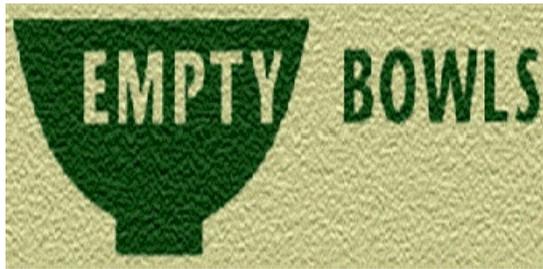




Celebrate Roanoke photos



UPCOMING EVENTS



The 10th annual Empty Bowls luncheon will be held Saturday, October 24th from 11:30am to 1:30pm at St. Andrews Presbyterian Church located at 300 West Oak Street, Denton.

Empty Bowls of Denton is a community ministry of Christ The Servant Lutheran Church, where people of the church work in ecumenical-civic partnership with members of the Denton community to support [Our Daily Bread](#) soup kitchen and the Denton Community Food Center, enabling them to feed nutritious meals to the hungry of Denton.



Don't forget, it is never too late to donate a turned box for this wonderful organization. Six to twelve inch diameter bowls, preferably with lids but not required, are used by the sick or injured kids to store the beads they receive for every procedure they receive while in the hospital. Flat work boxes are just as desirable for those woodworkers who are multi-talented.



Start making your plans for the GTW *Christmas Party* on December 6th.

Meat for our dinner will be provided by the club and members are asked to bring a salad, vegetable or desert.

We will have a gift exchange and raffle. See the President's Patter on page 2 for more information.

Maybe, if we all are good boys and girls, someone will make another great video like last year.

CLUB EVENTS CALENDAR

October 24	Empty Bowls Luncheon 11:00am -1:30pm
November 1	GTW Club Meeting 7:00pm
December 6	Club Christmas Party and Dinner

Bring Back Winners

Jim Johnson
Tom Lohr
Richard Rivera (x4)
Sam Jones

Dale Lloyd (x2)
Pete Tkacs (x2)
Matt Nelson

Bring back winners remember to bring a wood turning related item, preferably one you turned, back next meeting.

NO BOWLS DUE THIS MONTH

202 BOWLS COMPLETED THIS YEAR

Neal Brand	23	Peter Tkacs	5
Terri Sargent	6	Gary Armitage	9
Chip Sutherland	0	Mike Nelson	2
Dale Lloyd	7	John Downs	5
Glynn Cox	12	Gene Colley	8
John Lauderbaugh	7	John Solberg	16
Chuck Raney	0	John Beasley	21
Don Hawkins	15	Bob Loyd	13
Oren Zehner	13	Dick Ness	15
Richard Rivera	9	John Horn	1
Clem Steubing	3	Other	12

Articles of Interest

PRINCIPLES OF TURNING

Stacey W. Hager

Most turning problems occur because some basic principle is violated or ignored. Beginning turners have the advantage of not having accumulated years of bad habits. Experienced turners are often “good enough” to get by with some really scary techniques. I believe that if you really understand how a tool cuts and how to control the cut you can avoid catches, skids, tear-out, and many other nasty surprises and aggravations.

There are a few basic principles of woodturning and many common sense ideas that can help you build your turning skill. I hope to help you improve your technique, safety, and product so you can (as my friend Gary Roberts extols) “enjoy turning.”

I have included a basic outline of topics with a few short notes and some references. I hope you will use the extra space to jot down the details which you think are important. Please feel free to ask questions or interject ideas as time permits.

SETTING YOURSELF UP FOR SUCCESS

The Lathe

- Height (Center of spindle at elbow height)
- Light (Diffused and coming from as many different angles as possible)
- Ways (Clean, smooth, waxed – SS Brillo pads, Johnson’s Paste Wax)
- Tool Rests (Smooth, waxed, correct height, good design, set for comfort – draw filing)
- Tail Stock (Must be in line with the center of rotation)

The Stance (to dance)

- Balance (at a point on the ball of each foot about 1” behind the web of the big toe)
- Alignment (You can only move effectively along a line connecting the 2 balance points)
- Position (Strive to be at balance at the end of the cut)
- Movement (When possible move you body not your arms)
- Soft Knees (NEVER lock your knees)
- Posture (Stand up straight. DO NOT STOOP.)

Tools

- Appropriate (Use the right tool for the job.)
- Sharp (Really Sharp! A dull tool is a paperweight.)
- Grip (Most tool control comes from the “back hand” rather than the hand near the tool rest.)
- Top grip, bottom grip, finger-under-rest grip.

RPM (Start slow, increase until it shakes, add or subtract a few RPM to avoid resonance.)

- Depends on - wood, tool, skill, diameter.
- Surface feet per minute = $RPM \times \pi D \div 12$ (or $RPM \times .262D = SFPM$)
- Effective Range = 500 – 1500 SFPM (a good compromise is 850 SFPM)
- $RPM = \text{desired SFPM} \div .262 D$

Safety: THINK!

- Dust (It will kill you. Use cross-ventilation, dust collectors, dust masks, air helmets.)
- Noise (EH? Use ear plugs or protectors.)
- Gloves (Be careful...they can get you hurt.)
- Clothing (tight is right)
- Eye/Face (goggles or face shields)
- Jewelry (TAKE IT OFF)
- Sound Wood (It’s those little cracks that get you hurt)

WHAT HAPPENS WHEN THE TOOL MEETS THE WOOD?

THE WOOD

Wood is a bundle of fibers

It can be cut in Three Basic Directions

Supported Fibers vs. Unsupported Fibers

THE TOOL

Sharp Edge (20° - 45° included angle)

45° Shear Angle (skewed, tilted)

Double Support (Tool Rest and Bevel)

Levers and Fulcrums (tool rest close) (secondary bevel)

THE CUT

Sharp edge at 45° (Why does a shear angle make a difference?)

The “body” as a tool holder.

ABC (anchor, bevel, cut)

“Float” the bevel ... but where is the bevel?

Turning the Tangent

Motions of Control : up-down, left-right, in-out, throttle

(Start in neutral, rotate toward catch, stop just before it gets scary, and end in neutral.
Or start with the bevel floating and lower the cutting edge until it engages.)

DIFFERENT TOOLS

Skew (5 cuts) planning, peeling, facing, v-cut, bead (also, excellent scraper)

Spindle Gouge (6 cuts) push cut, pull cut, open cut, facing cut, beads, coves (shear scrape)

Bowl Gouge (3 cuts) push cut, pull cut, open cut (shear scrape)

Hook/Ring Tools (2 cuts) bottom cut, side cut

RECOMMENDED READING:

Woodturning: a Foundation Course; Rowley, Keith; Guild of Master Craftsman Publications, 2000; ISBN 1-86108-114-6

Turning Wood; Raffin, Richard; Taunton Press, 2001; ISBN 1-56158-417-7

Fine Woodworking on Spindle Turning; Taunton Press; 1992; ISBN 0-918804-73-6

Fine Woodworking on Faceplate Turning; Taunton Press, 1992; ISBN 0-918804-72-8

2010 Club Officers

President	John Solberg	940-387-3089	Membership	Mike Nelson	214-387-9077
Vice President	Neal Brand	940-383-1248	Past President	Peter Tkacs	214-662-2200
Secretary	Mike Nelson	214-387-9077	Librarian	Peter Tkacs	214-662-2200
Treasurer	Chris Morgan	940-321-1151	Newsletter Editor	Glynn Cox	817-337-0210
Activities	Chuck Raney	214-548-7338			