

June 2011

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2011

Issue 6

Tuesday July 19th, 2011

Next Meeting:

Marquetry

Friday June 21st, 2011

7:00 PM

The Woodworking Shop 3141 Capital Boulevard Raleigh, NC

Several members meet at 6:00pm Buffalo Brothers Pizza & Wings for dinner prior to the meeting.

Tuesday June 21st, 2011

Subject: Marguetry Speaker: Beth Woody

Our speaker will be Beth Woody. She has been doing marquetry for over eleven years. Her work is exhibited throughout the Carolinas, including at Klingspor's showcase event. Pictures are her specialty, using both domestic and imported veneers.

Marquetry isn't limited to pictures however, it appears many places including furniture. Beth will show us how to select the proper veneer to use and methods of cutting it. She will also grace us with viewing some of her work.

Host: Bruce Wrenn

Father's Day Sunday June 19, 2011



Subject: Member Skills Demos Speaker: Bob Gabor, Bill Anderson, Mike Payst, & Pete Bucki

This type of program was so well received when it was first done in 2009, we decided to do it again in 2011. This program is about hands-on skills with members demonstrating various techniques that are used in woodworking. There will be four stations, one for each speaker, and the audience will be split into four groups that will rotate through the four stations. The splitting into small groups will give participants a great opportunity to interface with the presenters and to even try the technique.

Bob Gabor will present a demo on the glue up of panels. Bill Anderson will present a demo on the use and sharpening of the hand scraper.

Mike Payst will give a demo on the creation and use of the lock miter joint.

Pete Bucki will give a demo on sharpening with the Work Sharp sharpening system and you may even have an opportunity to sharpen your chisels or plane irons.

This will be a great program, as these presenters are very skilled at woodworking and in the particular techniques that they will be demonstrating.

Host: Jim McNeil

Dues, Dues, Dues, Dues

Another year has rolled around and it's "dues" time again. I will be at my station at 6:30 to collect dues at this month's meeting.

Everybody's Dues went up \$5 bucks. **BUT**, if you renew before August 30th you save \$5 bucks and only pay \$35.00 (for email) & \$40.00 (for hardcopy). If you are stubborn or forgetful and miss the August 30th deadline. You will pay \$40.00 (email) & \$45.00 (hardcopy). Spouses are still \$1.00. No form needed for renewal. Updated badges will be available at the July meeting. To avoid the hassle at the meeting you may mail a check to me, Kay Baker, 610 Benfield Ct. Garner, NC 27529. Make all checks payable to TWA please.

Membership Chairman: Kay Baker

If your mind can perceive it and your heart can believe it, then you can achieve it.

ABOUT THE TRIANGLE

WOODWORKERS ASSOCIATION

The Triangle Woodworkers Association (TWA) is a nonprofit educational corporation. The TWA is dedicated to teaching woodworking techniques through seminars, classes, and workshops; participants are required to sign waivers absolving liability for TWA or its designated representatives. The TWA promotes woodworking education and community interest in woodworking and in general sharing a love for wood.

Club Officers and Committee Chairmen

Executive Board

President: Alan Campbell, (919) 772-4551

aacjr@nc.rr.com

Terry Tenhouse, (919) 545-9862 Vice President:

ttenhouse@gmail.com

Secretary: Bill Anderson, (919) 932-6050

willardanderson@bellsouth.net

Treasurer: Hugh Fish (919) 467-5696

hughpatfish@yahoo.com

Members at Large: Larry Bradburry, Larry Hendrick

Committee Chairman

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3jp3mcn@bellsouth.net

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mpayst@nc.rr.com

Sponsor:-----Bill Anderson, (919) 932-6050

willardanderson@bellsouth.net

Hospitality:----- Kay Baker, (919) 696-8504 Internet:-----Jim Kroeger, (919) 362-5741 Photographer:-----Ron Heidenreich, (919) 848-1134

Membership:----- Kay Baker, (919) 696-8504

Audiovisual:-----Tom Revelle, (919) 387-8286

Refreshments:----- Janet Batker

TWA News is published monthly and is mailed/e-mailed to members, sponsors, and associates.

If you are interested in contributing articles, please send to

Triangle Woodworkers Association P.O. Box 4206 Cary, North Carolina 27519-4206 or

trianglewoodworkers@gmail.com or irishrose2365@yahoo.com

BY THE NUMBERS

Treasurer's Report

Beginning Bank Balance: \$6,833.03 Income: \$1,199.00 Expense: \$1,730.00 Ending Bank Balance: \$6,302.03

Note that these figures, as usual, exclude the petty cash fund, as well as the other "slush" funds.

Submitted by: Hugh Fish

MEMBERSHIP

Total Members: 191 2 New Members:

THE PRESIDENTS CORNER



May's program featured Glen Huey, Senior Editor, & power tool guy, at Popular Woodworking Magazine. After his slideshow of his work and a discussion of the weekend project, (a door for a Pennsylvania spice box) several people who had signed up for the workshop were heard wondering if they had bitten off more than they could chew. After the workshop and a check-in with those same folks, they are now saying, "I can't believe that I did it". All reports say that it was a really good workshop.

At our last meeting, I recognized *Leon Abbas* for his efforts with our audio-visual system. He usually assists Tommy Revelle, but Tommy was absent and Leon was called on to set up the projector and computer. Don't you love the solo act after very little training?. After one "O-my-gosh, what am I going to do?" he dug in and figured it out. I was really glad he was there and came through in a big way.

In June, we have another particularly good presentation scheduled with Beth Woody on the subject of marquetry. It seems to me that it is a proper subject to follow last months inlay program. After this one we will all be able to create a design in marquetry and inlay it into something we have built. Maybe that would make the marquetry design an inlay, but regardless we should be able to do it, and that will really dress up a project.

On May 18th, I attended the "program committee" meeting, and am pleased to report that they are already working on the programs for 2012. If you have anything you want considered, now is the time to tell Terry Tenhouse or Pete Leimberger.

Our "nominating committee" has also been at work on the board openings. At the June meeting members will be asked to make nominations from the floor, so if you want to nominate someone, including yourself, you can make your nomination during the meeting or contact Fred Ford, Terry Tenhouse or Ed Mastin to make your nomination if you are shy during the meeting.

My last item for this month -- we are asking members to invite people who would enjoy our club to visit and join. We aren't suggesting a hard sell, but if you know someone who might

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enjoy it, please invite them to a meeting. There are a great number of people out there looking for a club like ours. Unfortunately advertising is not in our budget so we must rely on you and I know ALL of you like to talk -- so speak to your friends, neighbors, the guy in front of you at Home Depot -- word of mouth is the best form of flattery and advertising. We will have flyers available at the next meeting to give to guests.

Hope to see many faces in July!

President: Allan Campbell

MEETING MINUTES

MAY 2011

Attending: 49

Visiting us were Ron Jones a bowl turner, Jerry Pryor, new menber, John Elner & Matt Mathews of Sandford.

The meeting was opened by our President, Alan Campbell. Alan welcomed visitors and encouraged them to join the club.

Announcements & Show and Tell:

Alan Campbell.

a. Dave Mackie died May 8 and his funeral will be June 4 at the Church of Christ in Cary, NC

b. The Board of Elections nominating committee is composed of Fred Ford, Terry Tenhouse and Ed Mastin. Nominations are now open. The nominees will be announced in June, there will be a meet-and-greet in July and elections in August.

- c. Jeff Leimberger is analyzing the results of the survey from the membership regarding programs for next year.
- d. Leon Abbas was recognized for his efforts in getting the AV situation resolved in the absence of Tommy Revelle.
- e. The next workshop will be a demonstration at the regular meeting on June 21 by Beth Woody. This presentation will be hosted by Bruce Wrenn.

Show & Tell and other stuff:

Terry Brown showed an antique inlay cutter from a furniture business.

Mike Reddyhoff gave away several Shopsmith band saw blades to Cecil Raynor.

Mike Payst conducted the raffle, offering a gift certificate, a Wood River taper jig., and several DVDs that were donated by Glen Huey as prizes.

"The greatest griefs are those we cause ourselves."

Program:

Glen Huey, was introduced by Bill Anderson. Glen is a Senior Editor for Popular Woodworking and has been associated with the magazine for over 13 years (note: Glen announced his retirement just after his program here and will spend his halcyon days of retirement making furniture. He will continue as a contributing editor for PW).

Glen presented a fascinating program detailing his career in woodworking. He discussed many of his pieces of Period furniture. Glen was strongly influenced by his father, who was also a contributor to PW. Glen stated that he uses an oil finish composed of 1/3 turpentine, 1/3 spar varnish and 1/3 boiled linseed oil. He gives the first 2 coats of this finish at 4-5 hour intervals, then three to five additional coats as each dries.

Glen also discussed the weekend project, which was a very detailed inlay door project in the line and berry style with shopmade bandings.

Respectfully submitted by: Bill Anderson - secretary

FREE Plans for Fathers Day Gift Ideas

- Solar Lawn Mower
- Homemade Jerky
- **Custom Speakers**
- Bent-Wood Birdhouse
- Woodworking Bench
- Minnow Plug Bait
- Wooden Coffee Table
- Tipping Flower Pots
- Digital Picture Frame
- Electric Canoe





http://www.popularmechanics.com/home/how-to-plans/4321274

Looking for a great gift for your Dad (or husband or son/son-inlaw)? Here are a few sets of free woodworking plans that might make great gifts for Father's Day:

Each of these sets of free plans comes with a downloadable measured drawing that you can print and take to the shop to assist with building.

Have fun, and wish the fathers in your life a Happy Father's Day!

Glen Huey... you should have been there...

The object of the workshop was for each attendee to make an inlaid Pennsylvania spice cabinet door as shown in the attached photograph. Sixteen club members met at Allen Campell's shop in Garner having been advised in extensive detail by Bill Anderson what tools and equipment to bring.

We were each given a dressed panel of walnut and Glen described in detail the steps we would take to inlay the panel to produce a typical spice box door.

The chevron banding was made first by gluing eight ³/₄" thick strips of alternating cherry/walnut and maple/walnut and sawing them at 450 into 5/16" thick strips. Pairs of strips were glued together to form a chevron pattern and were covered by 1/16" thick strips to form ³/₄" thick blocks. After this the blocks were sawn into 1/8" thick slices at the bandsaw. Each person did their own gluing and sawing and there was universal amazement at the results achieved.



The bricklaid circular banding was made by first gluing edge to edge sets of eight ³/₄" thick wedges cut at 22 1/20 each side of alternating walnut, cherry and maple to form about one third of a circle. When these assemblies were dry they were cut into four pieces on the bandsaw using a purpose made circle cutting jig. The two inner part circles were offset to present differing woods and were glued together after being covered by 1/16" thick maple strips. The inner and outer circle strips were used as gluing cauls and later discarded.

When the circular blocks were dry they were cut into 1/8" thick strips at the bandsaw producing about four strips each at 1" wide.

We next turned our attention to the panels and using edge guides and a circle cutting jig we each routed a ³/₄" rectangular border and a 1" wide circular border about 3/32" deep to accommodate the banding made earlier.

Using plywood templates (that we each made) we were shown how to rout the various 1/16" wide curves for the stringing in the panel corners and center. When all routing for banding and stringing was complete it was time to cut and fit the inlays in a pleasing pattern.

The final step which none of us achieved at the workshop was to cut 3/8" dia. multi colored plugs for the "berries" and to glue them in groups of three into shallow drilled holes.

The final step was to sand and scrape the panel flush and smooth after any necessary repairs to mis-cuts had been made.

Speaking for myself and I believe for most of the attendees I was pleasantly surprised at my ability to achieve this level of work following the careful and lucid explanation by Glen.

Workshops like this -conducted by a respected and nationally recognized expert- are one of the major benefits of club membership. Fresh techniques are explored, latent talents are released and a weekend's socializing with fellow members is very stimulating - all at a very affordable cost. More members should take advantage of them.

Special thanks are due to Bill Anderson who doggedly pursued Glen for over a year, prepared the walnut panels and gave us explicit instructions about attendance. Also to Allen Campell who gave us unrestricted use of his well equipped shop and tool collection and to his wife Joyce for producing outstanding meals – breakfast, lunch and snacks – each day.

In my opinion Glen Huey is a guest presenter whom we should invite back.

Respectfully Submitted: Mike Reddyhoff, attendee









2011 Programs

UPCOMING EVENTS

Now Available On-Line

@ http://www.ibiblio.org/twa/

Month	Program	Speaker	Workshop	Host
June 21st	Marquetry	Beth Woody	None	Bruce Wrenn
July 19 th	Station Skills Demo	Club Members	None	Jim McNeill
August 19 th (FRIDAY)	Customizing Finishes	Dexter Adams	Saturday	Terry Tenhouse
September 20 th	Furniture Design	J. Speetjens	None	Bob Gabor
October 21 st (FRIDAY)	Heirloom Tool Chest	Chris Gochnour	Sat/Sun	Mike Reddyhoff
November 15 th	Spray Finishes	Dave Bubacz	Saturday	Mike Reddyhoff
December 13 th	Toys for Tots	Club Members	None	Fred Ford

MEMBERSHIP

We welcome one new member this month,

Doug Smith of Raleigh,

and Jerry Krier of Wake Forest.

A colored dot on a name tag indicates that the member is new, so be sure to say hello and welcome them.

Membership Chairman: Kay Baker

Mentors Wanted/Needed

The purpose of TWA is to provide a forum for woodworkers to gather, exchange information & further the art of woodworking. To this end, those more skilled woodworkers are encouraged to become a Mentor to provide knowledge to other members regarding areas of the Mentors skill, experience & knowledge. If you are interested in being a mentor, and willing to help a fellow woodworker discover answers to their questions, please contact Larry Bradbury,919-518-6891 or lbradbury12@yahoo.com

Mentors

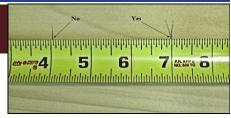
The purpose of this program is to have a reference guide of whom to call when you need to "pick someone's brain", because *Rule #1 in woodworking: nobody has a monopoly on brains!* This list of people includes: contact information, projects the Mentors are comfortable offering advice about, and skills they would be able to help with.

Mentor	Service/Skill Offered	Phone Number	Email Address
Bernie Bogdon	Relief Carving	(919) 850-0739	sabile_27615@yahoo.com
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Scott Miller	Compound Cutting, Scroll Sawing	(919) 233-0204	smi11er@aol.com
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, finishing, tables, chairs	(919) 870-0508	raynorc@bellsouth.net
Doug Adams	CAD		dadams14@nc.rr.com

Shop Tip of the Day!

Accurate Measuring

Measuring can make or break a woodworking project. Through away those big carpenter pencils. Those are for rough framing a house or the like. Use a good #2 lead pencil that you can sharpen to a fine point. Next measure as shown in the illustration.



Make a "V" mark. The tip of the "V" should be the exact point of measurement. This will give you confidence in the point marked versus having just a straight line mark which makes you question the exact point of measurement. A "V" mark makes it much easier to align a square for marking a complete line or, if you choose to just cut the mark on a miter saw, it's much easier to align your saw tooth to the point of the "V" versus a straight line. For some woodworking projects where you have multiple pieces that should be the same size, the exact length or width of piece may not be as important as having the multiple pieces the same exact size.

....Alan Bakke, Forrest Lake, Minn.



HANDTOOL WOODWORKING WORKSHOPS 2011 (Jan-June)

EDWARDS MOUNTAIN WOODWORKS, LLC

the handled woodworking creating and teaching in wood

In addition to the workshops listed below, I am also teaching workshops at the John C, Campbell Folk School (school.com) in Brasslown, NC and at the Woodwright's School (www.woodwrightschool.com) in Fillsboro, NC. Check these websites out for details about those workshops.

For more information contact:

June 4-5 Bench Plane Skills and Techniqu

For more information contact:
Bill Anderson
57 Woodside Trail
Chapel Hill, NC 27517-6077
919.932.6050

http://www.edwardsmountairrwoodworks.com

Father's Day gifts kids can make with mom or grandma!

Monogram Painted Hammer

Every dad can use a hammer around the house, especially if there's a long to-do list of fixes. By adding his first initial and custom paint job, Dad will be sure to love it.



Cookie Gift Tube

Recycle a cylindrical potato chip container into a modern art cookie tin for Dad! Paint it however you like and fill it will your dad's favorite homemade cookies.



www.trianglewoodworkers.com

Custom note pad for Dad -

Even if Dad's not the absent-mindedprofessor type, he'll surely appreciate getting this rustic, pocket-size notebook for Father's Day. (First to-do item: Thank kids by taking them out for ice cream!)



TWA Sponsors

Ashcroft Saws and Tools

919-876-3223

3216-G Wellington Ct, Raleigh, NC

25% off list on blades and 10% off on sharpening

Capitol City Lumber Co.

919-832-6492

4216 Beryl Road, Raleigh, NC

1-800-244-6492

http://www.capitolcitylumber.com Special prices to TWA members

Edwards Mountain Woodworks fine handtool woodworking: creating and teaching in wood. For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at bill@edwardsmountainwoodworks.com or call 919-932-6050, evenings.

Tuition discount for club members.

The Hardwood Store

1-888-445-7335

Gibsonville, NC

www.hardwoodstore.com

Discount: 10 cents per board foot

Guy C. Lee Building Materials

362-1444

900 N. Salem St., Apex, NC

Klingspor's Woodworking Shop

919-876-0707

3141 Capital Blvd. (.9 mile N of Beltline exit 11)

www.woodworkingshop.com

10% discount excluding lumber and power tools

Raleigh Saw

919-832-2248

5805 C Departure, Raleigh, NC 27616

10% discounts on all new products

Stock Building Company

919-828-7471

3000 Yonkers Rd Hwy. 64 & Old US 1, Raleigh, NC

Tarheel Wood Treating Co.

919-467-9176

Highway 54, Morrisville, NC

Contractors prices on all wood products Show TWA card before order is written

Woodcraft

919-781-1911

4317 Pleasant Valley Road fax: 919-781-1980

Raleigh, NC 27612

Email: raleighwoodcraft@bellsouth.net

http://www.woodcraft.com

\$25 gift certificate at each TWA meeting for the raffle

Woodworker's Supply of NC

Store (336) 578-0500

1125 Jay Lane, Graham, NC Mail order 1-800-645-9292

www.woodworker.com

Wurth Wood Group

919-231-6620

4213 Poole Rd, exit 15 off 440 Raleigh, NC

http://wurthwoodgroup.com

Preferred prices for TWA members

Yarnell-Hoffer Hardware

919-942-3500

145 Rams Plaza, Chapel Hill, NC

www.doitbest.com/yh

10% discount except power tools & sale items

CLASSIFIED ADS

Classified ads are free to all current members. To have an item posted send a note to: TriangleWoodworkers@gmail.com or the our Newsletter editor at irishrose2365@yahoo.com.

> All ads will run for 2 months unless otherwise notified of sale of item.

Interested in antique/traditional woodworking tools? To find out about Mid-West Tool Collectors Association, contact **Ed Hobbs at 828-2754** hobbsed@portbridge.com

Dewalt DW733 planer, Ram bench grinder 6", Bosch 3283 DVS R/O sander with spare disks and new pad, Saber saw misc hand tools, contact Frank Church 919.968.0695 or



Each member is allotted 3 items at a time. Checked out items are to be returned at the next meeting. There is a late fee of \$2.00 per item per month. We hope this will encourage timely returns so other members may benefit from the information available.

Monthly meetings are recorded on video cassette and then transferred to DVD. Most meetings are available -- some are still in the process.

On Glenn Huey's recent visit with us he very generously donated 3 of his DVDs and two books. The DVD's show how to build a Hepplewhite nightstand, a Chippendale small chest, & a Massachusetts high chest of drawers. DVD's include over one and a half hours of instruction, with photos, printable plans, an all inclusive cut sheet, and many extra's. The books are: Fine Furniture for a Lifetime, Building Fine Furniture, and Glen Huey's Illustrated Guide to Building Period Furniture. The last book listed was actually donated by Bill Anderson and is a spiral type so that it can be laid out flat in the workshop.

A great big Thank You to both Glen and Bill!

Librarian: Kay Baker

Sample list of DVD's

Title	Author	Subject	
Installing Kitchen Cabinets and Countertops	Law, Tom	Cabinetry	
Chippendale Small Chest	Huey, Glen	Furniture	
Mastering Your Woodworking Machines	Duginske, Mark	Power Tools	
Turning Projects	Raffan, Richard	Turning	
Turned Bowls Made Easy	Grumbine, Bill	Turning	
Wood Turning Projects	Burningham & Christensen	Turning	

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"He didn't tell me how to live; he lived, and let me watch him do it

- Clarence Budington Kelland

www.trianglewoodworkers.com

Attention Members

Regular club meetings begin at 7 PM!

A Tribute to all the Great A Father Dads in the world...

A father never wants to see His child go astray Everyday he tries his best To help you on your way

Knows at times you'll have to fail Learn things on your own No matter how it hurts to see His baby bird has flown

Protector of a youthful heart Consoler of all pains A hero in the eyes of love The blood within your veins

Child love your father now Give him all your praise



Our time in life is limited Wisely use these days

Give back all he's given you This love is something rare It's flow is unconditional Strength beyond compare by: Beautiful Chaos

Triangle Woodworkers Association PO Box 4206 Cary, NC 27519

Dave Mackey 1934-2011 gone to the big forest, power tools not needed!

What to say about Dave, I have always disliked writing about people when they have left us for healthier forests. Dave is no exception to that.

Dave has been a club member so long we could not locate his "join" date. I know that Dave has always been involved in one way or another, his quiet presence always there. He was Toys for Tots Chairman (96 & 97) before Fred Ford took over, I am sure he set the standard that Fred has continued to improve upon. Not so quietly- guided by the late Dan Cameron I am sure. Dave was a member "at large" of the board for as long as I can remember. He took over as President when I stepped down and served in that role the following year as well which was 2002-03. I could not think of more capable hands to leave the guidance of the club in. When

I remember Dave the first thing that comes to me is the sly smile that he always had. He always sat comfortably which I was never sure how he did in some of the chairs we had over the years. Dave was a rare man in that he thought before he spoke, in fact at times he was so quiet you would almost forget he was there. He was very generous in offering his shop for club needs. He was soft spoken and extremely gentle, you always felt that you were in the presence of a friend. Dave has left his footprint in my life as I am sure he has done for many others in the club. Dave, you will be missed and we shall remember you fondly, and of course blame you for as much as we can!!

Diane Philyaw

former club president & current newsletter editor

Dave's official obituary can be viewed online at http://mackies.org/dave/obituary.html

A memorial service of worship will be held at 4:30 PM on Saturday, June 4, 2011 at Good Shepherd United Church of Christ, 1050 SW Maynard in Cary, NC. Memorial contributions may be made to Hospice of Wake County, 250 Hospice Circle, Raleigh, NC 27607.

On Sunday May 8, 2011, David Mackie sailed past the horizon beyond where we can see. Born in Verdun, Montreal, Canada in 1934 to the late Isabelle "Belle" Bryson Mackie, originally of Glascow, Scotland, and Henry Mackie, Sr, originally of Stonehaven, Scotland, Mackie grew up in Montreal, Quebec, Canada and Windsor, Ontario, Canada and High Bridge, New Jersey. Dave joins his four beloved siblings, John, Jean, Isabelle and Harry who passed over before him. He leaves his close friend and former wife, Margaret "Anne" Mackie, son Robert "Rob" Andrew Mackie of Cary, NC, son Kenneth "Ken" Edward Mackie of Honolulu, Hawaii, his beloved daughter-in-laws, Sally MacDonald Mackie and Cori Ireijo Mackie, and five grandchildren, Maria Hunter Mackie, David "Bryson" Mackie, and Alexander "Gray" Mackie of Cary, NC and "Ava" Margaret Mackie and "Max" Kahala Mackie of Honolulu, and one remaining sister, Lena Mackie Kufta of Verdun, Montreal, Canada and beloved nieces and nephews in Vermont, Maine and Canada.

Dave graduated from Highbridge High School in Highbridge, NJ. He served in the US Army during the Korean War, after which he became a United States citizen. Mackie attended Rutgers University, graduating in 1960 with a degree in Electrical Engineering. He was employed by IBM from 1960 to 1993. His initial work in Poughkeepsie, NY involved developing new products including the first large scale scientific computer system and the first American Airlines Reservation System. In 1962 Mackie was transferred into manufacturing of this new product line. In 1965 he was transferred to Research Triangle Park and became

manager responsible for development of major portions of the hardware for the IBM supermarket scanning system — the bar code reader. He served many years as Director of Quality Assurance for the IBM installation at Research Triangle Park until his retirement in 1993.

A fine woodwork craftsman, Mackie shared his woodworking skills with many people in the Triangle area and produced several works of remarkable beauty. Many Wake County children enjoyed toys produced by "Toys for Tots" for which Mackie provided equipment, working space and leadership for a number of years.

During 1998 and 1999 Mackie and his colleague Jim "Jock" Gault were hired by the NC Museum of Natural Sciences to sculpt missing bones for the right and sperm whales that were to be displayed from the ceiling in the new museum. The largest challenge was to sculpt the entire Volkswagen-sized skull of the sperm whale. A little known fact about the project is that buried deep within this skull is a tribute to their grand children alive at that time. The whale skeletons, as well as the tribute, presently are hanging from the ceiling as a part of the museum's permanent display.

Many friends and family remember the joy of sailing with Dave in his "Flying Scot" on the Pamlico River near Oriental, NC or at Lake Jordan, Falls Lake or at Presbyterian Point on Kerr Lake. Always drawn to the sea in fiction, film, poetry and boat, Dave learned to sail with his father in the Detroit River in Windsor, Ontario as a boy.

Dave Mackie will be remembered for his generosity, gentle kindness, eagerness to help others, and for his playful and active mind from youth to his last days.

Those remaining on this shore wish Dave a chance to rest up awhile after his recent marathon to stay with us, and from then on we wish him clear skies, brisk winds, and ever challenging high adventures beyond our horizon.