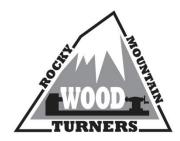


Rocky Mountain Woodturners A Chapter of the American Association of Woodturners



February 2013 Newsletter

Contents of Newsletter:

- Next RMWT Meeting, Demonstrator
- January 2013 Board Meeting
- New RMWT Secretary and Newsletter Editor
- RMWT Activities
- RMWT information, Member's web sites, sources of woodturning Instruction and discounts.

Next RMWT Meeting:

The next regular meeting will be on February 7, 2013, at the Loveland Woodcraft store starting at 6:30pm.

January 3, 2013 Meeting Notes:

- Empty Bowls donations accepted at February meeting.
- David Nittmann is the program director for both the RMWT and the Front Range Woodturners in Denver. He recommends coordination with the Newsletters of the two organizations and encourages RMWT members to attend some of the FRW meetings.
- There is a planned Shop Swap for the March RMWT meeting instead of the usual Wood Raffle. Members are encouraged to bring odd or unused items (wood, tools, etc.) anything goes as long as you can carry it. Jerry Sherman is in charge of Shop Swap organization and can be contacted at 970-631-2984.
- 2013 Elections Results:
 - President Pete Herman
 - Vice President Drew Nichols
 - Treasurer Frank Amigo
 - Secretary Clarence Sitzman
 - Newsletter Editor Gary Hevelone volunteered and was appointed as Editor

Please note that the Newsletter Editor and Secretary positions have been split between two people. For clarification, the Secretary is responsible for all board and general meeting notes and special announcements to the members. The Newsletter Editor will provide the reporting on the demonstration and demonstrator and all other Newsletter reporting, advertisements, etc.

The February demonstration will be presented by John Giem on Vacuum Chucking Techniques. He will concentrate on the general methods for vacuum chucking items on the lathe. Since nothing ever goes perfect all the time, John will discuss and show what to do when things go wrong as well as how to prevent some of these problems. He has published two articles on vacuum chucking in the American Woodturner; *Understanding and Improving Vacuum Chucking Systems*, February 2011 and *Compliant Vacuum Chucking Systems*, June 2012. The demo will cover a lot of the material in those articles as well as some new material. Questions will be welcome.

RMWT Board Meeting:

On Monday January 7, 2013 the RMWT Board Meeting was held at the Wild Boar coffee house in Ft. Collins. Those present were Drew Nichols, Pete Herman, Frank Amigo and Clarence Sitzman. Allen Jensen, member at large was not present. David Nittmann was present as a guest.

Old Business:

- 1. Establishment of a budget for the year. Treasurer has the book at home. He will send the BOD members the budget for last year. David Nittmann comments that the budget for last year was adequate. We have \$14,000.00 with the Front Range club, which means we can get some more "high-powered" people in for the Symposium. Frank mentioned that the Colorado Springs club doesn't have the size of venue that would allow the space to have a Symposium like we do at The Ranch. They are now meeting at Woodcraft. The Colorado Springs club is now about ½ the size of RMWT and Pueblo's is half the size of Colorado Springs. Front Range Woodturners has about 235 members. RMWT are about 130 members.
- 2. Savings is now down to \$2,520.25, down from \$7,000.00 earlier in the year. Checking is now \$2947.19. We anticipate getting in more money once 2013 membership dues are fully paid.
- 3. How do we get information into the newsletter? CS needs to send the minutes to all members, (Including Allen) and we can send them to Gary Hevelone, and also to John Giem.
- 4. David Nittmann is asking that we survey the membership as to their preferences for subjects for the Symposium.
- 5. Our 501(c)3 designation makes it incumbent on us getting an inventory of our current assets. There needs to be a committee to get this started. There is a goal of having this done by the end of February. Inventory needs to have a listing and a replacement cost. This is for the library and the trailer. A list for the library is already available. Frank and Hoyle are both going to need to have this available to them. 80% of the value is probably in the trailer. There is also a storage unit that has some equipment. All of this needs to be accounted for and consolidated.

New Business:

- 1. Michael Roper- SB Tools Shop Tour Date: Saturday June 1, 2013 Time: 10:00 AM- 2:00 PM. Place: SB Shop at Louisville, Michael will send address, maps, etc. at a later date.
- 2. David brought up the possibility of having a "2-club" membership. David envisions that someone who already is a member of another club, be able to pay less for membership to our club. Discussion was exploring the possibility of having a joint membership where dues are split between the two clubs. This won't be answered tonight, but we need to think about things like this, to grow the impression and reality that we are a woodturning center for the whole country.
- 3. We should have the Front Range Club's demonstrator in our newsletter, and vice versa.
- 4. David introduced the idea of "2-fers" for demonstrators. This would be a little something extra, in association with the regular meetings. This may not happen every meeting, but on an occasional basis.

Possibly 2:00 to 4:00 in the afternoons, then a break before the regular meetings. This is food for thought. Drew thought that we might want to try this for a future demonstration to see how it works. Wayne at Woodcraft would have to be contacted about utilizing Woodcraft facilities for the extra time the 2-fer would take.

Subsequent to the BOD meeting, the RMWT Organization has obtained a \$2 million liability insurance policy that covers all members and demonstrators at organizational meetings, events such as the symposium and at the Wood Bank. This insurance also covers liability for our meeting location at Woodcraft. Further information will be available at the February 7, 2013 meeting.

Help needed – committees: To Volunteer, contact Pete Herman

- + We need volunteers to form a committee to plan and schedule the cleanup of the meeting area after each meeting. Too often, the same few people do most of the after meeting cleanup. It is envisioned that the Committee would be able to schedule cleanup crews, on a rotating basis, for each meeting.
- + Wood Bank help is needed to spread out the work load so that the Wood Bank can continue to provide for our members needs. There are three basic activities within the Wood Bank; procurement, the Wood Lot and support for the monthly Wood Raffle at the meetings. Most of these activities have been handled by Jerry Sherman and John Giem along with some good assistance from other members. Drew Nichols has agreed to help with the procurement of wood resources and delivery of the wood to the Wood Lot. He needs support from the membership in this area. The Wood Lot is located at John Giem's in South West Fort Collins. John will continue to operate the Wood Lot and work with the members going to the Wood Lot to obtain wood for their needs. For the last several years, Jerry Sherman and John Giem have spent several hours before each meeting to cut blanks from the Wood Lot for the Wood Raffle. We need some volunteers to go to the Wood Lot each month and cut up blanks for the Wood Raffle. Remember, the proceeds from the raffle are used to support purchasing assets for the RMWT Library. If you are interested in helping in any of these areas supporting the Wood Bank, contact Drew Nichols, Jerry Sherman or John Giem preferably by email, jgiem@comcast.net otherwise by phone 970-227-6618 mobile, 970-223-0844 home. You can also give John a written note at the meeting offering to help. Written notes are easier to remember than oral comments.
- Announcements If you have any announcements to be given during a meeting, please notify the President **BEFORE** the meeting so that schedules can be adjusted accordingly.
- Asset Inventory To volunteer to assist in the inventory, contact Frank Amigo, Drew Nichols or Allen Jensen. There is contact information for each at the end of this Newsletter.

Introducing:

Clarence Sitzman, the new **Secretary** of the RMWT organization. Clarence has been a veterinarian for 38 years and in the last few years has obtained specialty status in veterinary dentistry. He works about 40 hours a week in that field plus 6 - 7 weekends each year he goes to private animal preserves and works on lions, tigers, bears, wolves, monkeys, Gibbons or other animals. Clarence is planning a trip to Africa in the fairly near future, provided the governments of the countries he is trying to help cooperate.

Clarence has been woodturning for about 3 years and has been taking classes to try to get into bowls and hollow-forms, but lacks the extra time to practice. Clarence finds woodturning is a great way to do something and be someone completely different from one's career.

Gary Hevelone, the new Newsletter Editor for the RMWT. Gary has been a RMWT member and woodturner for 2 years, achieving his dream of having a woodturning studio and the time to use it since a Junior High School Industrial Arts class 50 years ago. Gary has been retired from international project management for nearly 4 years and has worked on five continents and a half dozen western states building mine processing and infrastructure projects for a major gold mining company.

<u>A Special Thank You to John Giem</u> for his service to the RMWT as Secretary and Newsletter Editor for the years 2009, 2011 and 2012.

Member Spotlight: John Giem



To understand my involvement in woodturning, we must go back a few years. As far back as I can remember, I have been involved in some sort of woodworking. These activities continued through my years in graduate school, in the military and during my thirty plus years in industry. When I retired in 2003, I started taking woodworking classes at Sears-Trostel. Around 2004 I took my first woodturning classes from Cindy Drozda covering spindle turning, bowls and boxes. I was hooked. Since then, I have taken many woodturning classes and am continuing to take many more along with a lot of reading and self-study.

When Woodcraft was starting up in Loveland, I was hired to help outfit the store and setup their classroom and classes. While there, I organized and taught several classes on a variety of topics including woodturning. I met Pete Herman when he took one of my classes.

I joined the Rocky Mountain Woodturners in 2007. After being encouraged by Trent Bosch, I ran for Vice President in 2008. I moved over to Secretary in 2009 and took over the Editor position for the Newsletter. I was not on the RMWT Board in 2010 but rejoined in 2011 and 2012 as Secretary and Newsletter Editor.

The Wood Bank was established in 2008. During that year, an Open Shop Tour was held at my shop. While there, one of the RMWT members convinced me to start teaching woodturning. I discovered that I enjoyed it and have continued.

I joined the RMWT Symposium Committee as Registrar taking care of the registrations and related activities. We have made a lot of changes to the Symposium and I have learned a lot of new techniques.

During the summer of 2007, I was asked to substitute reporting on a demonstration while the regular person was out of town. I have been writing up the demonstrations for the RMWT Newsletter ever since. At this time, I estimate that over 50 demonstrations have been written up and reported in the Newsletter.

The demonstration write-ups were well received leading me to being encouraged to submit articles to some of the woodturning magazines and journals. As of February, 2013, I will have published 10 articles in the American Woodturner and the Woodworker's Journal. The articles I tend to write try to explain the principles used in the different woodturning processes. By using my engineering background I explain how things work. I have seen many examples of turners doing good work but they do not understand why they work the way they do. Hopefully, these turners can expand their capability through increased understanding.

In February 2011, I became an Editorial Advisor for the American Woodturner providing the Editor with a technical understanding and perspective for articles for the American Woodturner.

Somewhere along the line I started doing demonstrations. Currently, I am keeping myself busy writing woodturning articles, teaching and demonstrations. Most of the woodturning I do is custom work, fine tuning my skills or for gifts.

By not being the Secretary or Newsletter Editor this year (2013), I am working on the documentation for the RMWT Symposium. By getting the basic operation of the Symposium written down, it will be easier to divide up the various tasks for implementation by subcommittees.

RMWT Dues:

The RMWT Dues for 2013 are now being accepted. The forms are available on the web site, www.rmwt.org. The 2013 dues are \$40.00 for individual members, \$55.00 for family membership and \$25.00 for Students. Your Dues should be sent to or given to Drew Nichols. By your completing the registration form, we can check and update our records.

EOG Applications:

The Educational Opportunity Grant committee hopes that you each will think about a class you've always wanted to take or a technique you've always wanted to learn or something related to woodturning that you've always wanted to do, and let us help you to pay for it. We'd really like to have your application by February 15th, but if a class comes up later in the year, you may also apply at that point. Applying isn't a difficult process. Just fill out the application available on the RMWT website, www.rmwt.org and e-mail it to Elizabeth Amigo at efamigo@msn.com. We'll announce the results by April 1st at the latest.

Wood Bank:

The new barrel of Wood Sealer has arrived, Sealtite 60. It is available for RMWT members at \$12.00 per gallon. You should plan on bringing your own containers (John has a few containers available). To obtain Sealer, contact John Giem (info below within Newsletter). The current inventory includes Elm, maple, locust, Russian olive, Maple and mystery wood. To arrange for pickup of wood or sealer or to help with the Wood Bank activities, contact John Giem.

Bandsaws – The Rest of the Story

Cindy Drozda

January 3, 2012

Reported by John Giem

Safety – It is very important to utilize proper eye protection during all of the following operations. Have a fire extinguisher close by and do not use a dust collector when generating sparks working with metals.

After the lathe, the bandsaw is the most commonly used tools by the woodturner. Cindy showed us how to:

- Sharpen a bandsaw blade
- Makeup a blade from bulk blade stock
- Mounting the blade on the bandsaw and adjustments
- Match drilling holes in the bandsaw blade soldering fixture

Fast & Easy sharpening a bandsaw blade:

- Turn off and unplug the bandsaw.
- A 3/8 inch bandsaw blade with 3 TPI (three teeth per inch) is a good compromise for rough cutting that most woodturners need to do.
- The blade can be used and sharpened many times before it is replaced.
- A Dremel cut-off disk is used for the sharpening. The side of the disk (not Dremel approved) is used. Note: the reader may find other tools that are more appropriate for the application.
- The top outside surface of the tooth is the part of the tooth that is ground.
- Stand directly in front of the bandsaw and approach the blade with the Dremel straight on (See photo at right), lightly touching each tooth.
- Nothing is done for the set in the teeth. The sharpened blade will cut better but not as well as a new blade. For the rough cutting done by most woodturners, this is not a concern.

New bandsaw blade by making up or joining ends of a bulk cut blade:

- Cindy purchases her blade stock in 100 ft. rolls.
- Making up your own bandsaw blades:
 - Less cost per blade
 - Blades can be made-up as needed for each of the different sized bandsaws.
 - Quick response for replacing a broken blade
- In general, it is not worthwhile to rejoin broken bandsaw blades; the break was probably caused by metal fatigue and will break again.



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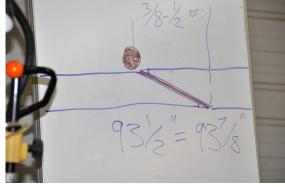
- Sources of bulk blade stock: Starrett Bandsaw Blades, MSCDirect.com
- Using one of your old blades, measure its length using a tape measure.
- Determine the length of the blade to be cut by allowing for the overlap of the joint, the length of the scarf.
- The bandsaws have tension adjustments that allow for some variations in the blade length.
- To cut the blade, measure the length using a tape measure and use a heavy duty diagonal cutter. A ¼" blade can be cut directly; a 3/8" blade can just be scored. Flex the blade to break it at the score.
- The ends of the blade are scarfed for the overlap. To scarf the blade, starting at the end, on the flat side grind a taper starting at the end back to about the width of the
- To join the ends of the blade, it is essential to use a fixture to hold the two ends properly aligned and positioned.

blade. Be sure that the end is ground to a point, not blunt.

- Requirements for the soldering fixture:
 - An edge or ridge to position the back edges of the blade for exact alignment.
 - A method of clamping the two ends to prevent movement
 - There must be a gap below the joint to allow the application of heat and to prevent heat sinking or cooling of the joint
- To join the two ends, coat the scarfed surfaces with flux. Position the blade in the fixture such that the two scarfed surfaces overlap. Clamp in place to prevent movement. Verify that back edges are properly aligned. Place a small piece of silver solder on top of the joint (see sketch above). Heat the joint from below using a propane torch; use a small flame and don't overheat. The blade will turn a dull red and then the solder will melt and wick down into the joint. Lack of flux or the incorrect flux will prevent the wicking of the molten solder.
- Using a disk or belt sander, smooth up both sides of the transition. Do not use a grinder, the solder will gum it up.
- To smooth the inside surface, turn the blade inside out making access easier. Don't forget to return the blade to normal before mounting on the bandsaw.



- Turn off and unplug the bandsaw.
- Loosen any tensioning adjustments
- Place the blade centered on both wheels, slightly forward to allow for the set on the teeth.







- Open up and/or move the blade guides back away from the blade both above and below the table to prevent interference with tracking adjustments.
- Tension the blade and rotate the wheels by hand to verify tracking properly at the center of the tires on both upper and lower wheels.
 If tracking needs adjusting, there will be a mechanism for such for the top wheel. It can be accessed from the rear.
 - Proper tensioning of the blade is essential while adjusting the blade tracking. Changes in tensioning can cause deflections in the bandsaw framework causing the tracking to change. In general, the pointers and scales for tensioning built into the bandsaws are incorrect. Also, the strength of the tensioning spring can vary causing the factory set tension gauge to be incorrect.
- After the tracking has been set, close all doors and guards on the bandsaw. Plug in the power and do a quick on-off of the power switch. Verify that the tracking is still correct. Make adjustments as needed.
- The blade guides, top and bottom, are adjusted to just clear the sides and back. The side guides should be just behind the guilets of the blade so the set teeth do not touch the guides. The back guide should barely touch the blade. Rotate the wheels by hand to verify the adjustments.
- Cindy does the final blade guide adjustments while the bandsaw is running. **Do not attempt this if you are not confident in doing it. Bandsaw blades will cut flesh as easily as wood.** With the bandsaw running, Cindy carefully adjusts the cams for each blade guide, all six of them, to just lightly touch the blade. With proper adjustment, you should be able to stop the rotation of the guide with finger pressure. If you don't want to use your finger, use a scrap of wood.
- There are various types of blade guides used in bandsaws; ball bearings, Cool Blocks (carbon impregnated plastic), steel blocks, lignum vitae (dense, self-lubricating wood), etc.

Machining and drilling operations:

- Cindy likes to fabricate or make her own jigs and fixtures.
- Most aluminum can be machined using common woodworking tools
- She made her own fixture aligning the bandsaw blade ends for joining.
- Often two pieces of aluminum must be joined using multiple screws. To make it easier, she match drills the holes.
 - Clamp the two pieces of metal together in the desired position.
 - Mark the positions of the intended screw holes using a sharp scribe making a cross at the desired location.
 - Using a center punch, place it in one of the scribed lines and move it toward the intersection of the scribed lines.
 - When the tool crosses the grove of the other line, it can be felt. Position the punch at the felt intersection and make an indentation by striking the punch with a hammer.
 - Select a drill the correct size for tapping the threads of your screws and mount it in your drill. A
 drill press gives better control.
 - Use plenty of lubricating/cutting oil to minimize galling, heat buildup, dulling tools, breakage, etc.
 - o Drill the hole, separate the two pieces, and set the lower piece aside.



- Select a larger drill that will provide the proper clearance for the screw. Mount it in the drill and drill out the upper piece of metal. If counter sinking is desired, this is the time to do it.
- Using the proper tap, thread the hole in the lower piece of metal.
- Locate the two pieces of metal in their proper position and insert a screw into the hole just prepared.
- o Being sure the pieces are aligned; drill the second hole using the same procedure as above.
- Rejoin the two pieces of metal and insert screws into both holes. If needed, additional holes for screws can be drilled and tapped as above.
- o All of the screws will match perfectly and the two pieces of metal will be properly aligned.

See also the Cindy Drozda Handout that accompanies this Newsletter for additional information.

Other Items and Events:

The February 2013 issue of the *American Woodturner* will contain the article *Bowl Saver Systems* by John Giem. It complements the demonstration Dale Bonertz gave on the McNaughton Bowl Saver System presented to the RMWT in January 2012. See the February 2012 issue of the RMWT Newsletter for the write up of Dale's demo.

The Denver Woodworking Show is February 1-3, 2013 at the Denver Merchandising Pavilion Building, 451 East 58th Ave, Denver, CO. Hours are Friday 12-6, Saturday 10-6, Sunday 10-4. Tickets at the door are \$12 or \$10 online in advance.

For more information see: http://www.thewoodworkingshows.com/shows/denver.htm

Annual Utah Symposium in Provo, UT is May 16-18, 2013: www.utahwoodturning.com/

The 27th Annual AAW Symposium in Tampa, FL is May 28 – 30, 2013: http://www.woodturner.org/sym/sym2013/index.htm

For Sale:

- Shopsmith Mark V, excellent condition with disk/belt sander attachment, it is also setup for table saw, drill press, and lathe. \$450. Call: 303-444-1861.Gary A. Zeff
 www.sculpturalwoodturning.com
- Bench top guardian drill press, 1/2 hp, 5/8" chuck, 5 speed, \$75.00
 Contact: Allen Thunem
 303-378-6269







RMWT Contact Information:

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Treasurer: Frank Amigo <u>efamigo@msn.com</u>

Secretary: Clarence Sitzman seesitzman@aol.com

Newsletter Editor: Gary Hevelone 970-667-3299 home hevelone@yahoo.com

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970 663-1868 work 970 776-6452 mobile Coordinator: Dale Bonertz

970-218-1576

dbonertz@comcast.net

Vendor Coordinator: Cindy Drozda

cindy@cindydrozda.com

Program Coordinator: Trent Bosch

trent@trentbosch.com

Symposium Registration Coordinator: John Giem

970-223-0844 home 970-227-6618 mobile jgiem@comcast.net

10% RMWT Member discount (with some exceptions):

Wood Emporium 618 N Garfield Ave Loveland, CO

Sears-Trostel Lumber & Millwork

1500 Riverside Ave Ft. Collins, CO 80524 970-482-1928 970-482-9895 Fax

Woodcraft - Loveland

3718 Draft Horse Drive Loveland, CO 80538 970-292-5940 phone 970-292-5939 Fax

loveland@woodcraft.com

Rockler's in Denver – You have to show your membership card.

Clubs and Member's Websites:

Rocky Mountain Wood Turners

www.rmwt.org

AAW – American Assoc of Woodturners

www.woodturner.org

Trent Bosch

www.trentbosch.com

David Nittmann

www.davidnittmann.com

Cindy Drozda

www.cindydrozda.com

John Lynch

www.johnlynchwoodworking.com

Curt Theobald

www.curttheobald.com

Katherine Kowalski

www.KatherineKowalski.com

Want your Website Listed? Contact Gary Hevelone, Newsletter Editor -970-667-3299

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Learn From the Best...

The Rocky Mountain Woodturners Club, RMWT, is well known around the nation because we have some of the best national and internationally known demonstrators and best teachers of Basic, Intermediate, Advanced and Specialty turning right here in our own back yard:

Trent Bosch Woodturning Workshops:

Workshops are held in Trent's studio in Fort Collins, Colorado. There is a maximum of four people in each class, which allows for lots of individualized instruction. The cost is \$500 for the 3-day intensive workshop and \$650 for the 4-day. Meals are also provided at no extra charge. His studio is also equipped with the highest quality equipment available for your use. For detailed information on

workshops visit www.trentbosch.com or contact Trent via email or phone.

Trent Bosch

Trent Bosch Studios Inc. trent@trentbosch.com 970-568-3299

Rocky Mountain School of Woodturning operated by Lee Carter in LaPorte, Colorado. He offers classes in Basics, Intermediate and Advanced. Lee also offers private tutoring. Seven different brands of lathes are available.

Call Lee Carter at 970-221-4382 to sign up or have him answer any questions.

LLJTC4X4149@ CS.COM

Curt Theobald offers three-day workshops in Segmented Woodturning in his studio in Pine Bluffs, Wyoming.

Call Curt Theobald at 307-245-3310 E-mail: cwtheobald@wyoming.com Website: www.curttheobald.com

John Giem, Woodturner

Custom woodworking and Individual or small group woodworking instruction tailored to the needs of the student. Offering both woodworking on the lathe and combined with regular power tools. Classes are held in John's studio in Fort Collins, CO, which is equipped with a complete set of woodworking tools. Contact John to discuss your interests and needs.

jgiem@comcast.net (970)223-0844, home (970)227-6618, cell

Katherine Kowalski is a Woodturner &

Contemporary Artist, offering private/small group instruction in woodturning technique, as well as specialized classes in hollow forms, bowl, fine spindle work, and color theory/technique. (All levels of instruction are available). Classes are held at Katherine's studio in Cheyenne, WY.

katherine@daystarhandworks.com

307-220-0130 cell www.katherinekowalski.com

Woodcraft has classes for beginners in woodworking, shop safety, intro the machines, bowl turning, pen and pencil turning, hollow forms, Christmas tree ornaments, tool sharpening, etc. Please check out the classes being offered at web page:

www.woodcraft.com/stores/store.aspx?id=56

Airbrush-On-Wood David Nittman

For all your airbrush needs, on-line ordering and expert information for problem solving situations contact David at:

www.davidnittman.com

www.airbrushonwood.php

303 - 579 - 6744

Special Announcement from Arrowmont:

Dear Colleague,

The Arrowmont Artists-in-Residence Program application deadline is February 1st.

The benefit package for each Resident Artist is approximately **\$12,000**.

This includes a \$300.00 monthly stipend, a private studio, shared housing, meals, utilities, professional development funds and exhibition space. Paid teaching opportunities are also available. In exchange, Residents each work an average of 10 hours per week for the School in a variety of studio, gallery, programs and publicity needs.

Residents live and work in Arrowmont's creative, supportive community environment and interact with over 150 visiting workshop artists throughout the year.

The Artists-in-Residency Program now in its 21st year provides early career artists the time and support necessary to develop a new body of work and advance their careers professionally.

Please assist Arrowmont in identifying qualified candidates by sharing this information and directing them to our Residency Program link for more detailed information: www.arrowmont.org/artists-in-residence

Thank You,

Bill Griffith
Program Director
Arrowmont School of Arts and Crafts
865 436-5860 x 26
bgriffith@arrowmont.org
www.arrowmont.org

Editors note: My apologies for the late Arrowmont notice.