Ron Robillard, no stranger to the WWG, revisited us to share his insight, training and experience with us on Tips, Techniques and Experience to help us get the best end-product for our woodworking efforts. His slide presentation illustrated the varied challenges he experienced when restoring furniture. These challenges drew upon this experience in diagnosing the task and formulating the process and materials required for the restorations. Basically, it involved choosing the correct type of adhesive and the correct manner of clamping the restored part until the bond was cured. Each photograph presented an unique challenge that he faced in his restoration profession. One would have to see the items and hear how he approached each task in order to appreciated the full impact of his presentation.

However, he did leave us with an abundance of information about the various adhesives and glues. Although much of his work involved old pieces, which were fabricated with the use of hide glue, his favorite, he did give a panoramic presentation of all of the commonly used materials. In the category of modern adhesives he enumerated Polyvinyl Acetate (PVA), Ethelyne Vinyl Acetate Cement. Historically the natural glues were: Blood, Milk (casein), Eggs (albumin), Wheat or Rice, Algae (aginate), Bone, Fish, Hide and Rabbit, Tree or Fossil Resins.

Some factors to consider when choosing glues etc., are reversibility, solvent, whether flexible or rigid when cured, the open time of when it sets, the age of the adhesive, is it waterproof and strength? He reminded us that nearly all...
Library Reviews
Do you borrow materials from the Guild library? Have you read a good book or seen an excellent DVD? If you have, how about sharing your thoughts with your fellow Guild members. Just tell Ron Reuter that you would like to share your thoughts about a book or video. When called upon, give the name and call number of the item and tell us why you liked it. Your brief review may encourage others to use the item.

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Raffle & Door Prizes
Raffle winners at the October meeting were: Carl Brust x2, Greg Walloo, Norm Lange, Jack Whitstone, Richard Burke, and Andy Wagner. Congratulations to you all.

Door Prizes winners in October were: Carl Szopinski, Larry Teufel, Jim Janicki, Vern Ziegler and 1 more that we could not read. Congratulations and happy shopping to you all.
An invitation:

On Mondays through October and November, you are invited to join other woodworkers to make toys for the Women's shelters our guild supports. The group meets at Woodcraft and work from 9AM to 3PM. You can join in anytime during the day and do not have to be there every Monday. It is a fun time and for a good cause.
Pictures from the October Presentation

- **Tips and Techniques**
  - Brass or Glass to Wood
  - Polyurethane or Fish Glue
  - Stringing / Multi-Stringing
  - Fish Glue or Hide Glue
  - High Tack
  - EVA
  - Bends with heat
  - General Woodworking
  - PVA or Fresh Hide Glue: reversible
  - Applied Decorations
  - PVA or Hide Glue
  - Melamine
  - EVA

- **Checklist when Selecting an Adhesive**
  1. Reversibility
  2. What is the solvent
  3. Flexible or rigid when cured
  4. How long until it sets (Open Time)
  5. How old is the adhesive I’m using
  6. Waterproofing Needed
  7. So I need Tack
  8. Cure and Conditioning Times
  9. Strength

- **Fresh Hide Glue**
  - Ideal Woodworking Glue: IMHO
  - Sold in Gram Strengths from 135 to 512
  - Clamps not always needed
  - Gel Stage allows for easy cleanup
  - Reversible with heat
  - Can be made in very small batches
  - Natural – no chemical additives
  - Can be Dyed

- **Glues Used**
  - Freshly made Hide Glue
  - Smithsonian Method
  - PVA and EVA
  - CA (Medium) / Accelerator
  - Epoxy
  - Hot Melt – Low Temp
  - Contact Cement
  - Polyurethane / Scrol Glue
  - Never on wood
  - Wheat
  - Urea Formaldehyde
  - Fish Glue
glues are stronger than wood and that all glue joints eventually fail. He reminded us that 'drying time' is when it is safe to remove the clamps; curing time is when the joint is fully hardened. It must be remembered that natural adhesives have long track record; synthetics are convenient, but unproven.

He touched upon some pros and cons of the various adhesives. Fresh hide glue is the ideal glue for general woodworking. It is sold in Gram Strenghts from 135 to 512. The clean-up is easy when it is in the gel stage. It is reusable with heat, can be made in very small amounts, has no additives and can be dyed. With PVA the density of the wood matters; harder woods take longer for adhesives to dry and cure. It takes 24 hours (minimum) for a full cure, and is susceptible to cold creep; Open-time PVAs are available. The shelf time for PVAs is 6 - 12 months; it is a poor gap filler; as an emulsion the solids will settle upon long-term standing; and it can be dyed. The tension of various adhesives and clamps vary greatly. The Tensions of hide glue is sufficient to pull glass apart (135 to 512 lbs). Spring clamps vary from 25 - 50 lbs; wooden clamps 900 lbs, and hand screw clamps 400 - 500 lbs.

Thank you Bill for your program presentation.
Wisconsin Woodworkers Guild

WWG Monthly Meeting  Thursday, Nov. 7, 2013

6 PM Board Meeting - 6:30 PM Gathering - 7 PM Regular Meeting
at  Woodcraft,  14115 W Greenfield Ave, New Berlin, WI

Topic: Chip Carving Techniques  by Klause Zunker

Enclosed is the membership form for 2014 and the Holiday Party form. Please fill them out and bring them with you to the November meeting.

November 7, 2013 Meeting

Chip Carving Techniques
By Klause Zunker of WWG
Klause will demonstrate chip carving and figure carving and he will show some of his work. Klause exhibits frequently and has won several awards of recognition for his work.

Last Chance to Sign up for The Workshop with Bill Robilard.

What: Work shop on adhesives and clamping
When: November 16, 2013
Where: Kevins Work shop
W3265 S8905 Stone Brook Pass
Mukwonago WI

Sign up Deadline  November 7, 2013
Cost $80.00
Send Registration and fee to:
Donald J. Brick
2100 W. Edgerton Ave.
Milwaukee, WI 53221
Include Name, Address phone # & Email
Address or Sign up at the meeting on November 7, 2013

Holiday Raffle item:
Compound Miter Saw!!

The Wood Workers Guild would like to thank employee Shaun and Home Depot for the discount on the DeWalt Miter Saw for our Holiday Raffle.
Make checks payable to Wisconsin Woodworkers Guild
Send checks to
Kevin Seigworth
W326 S8905 Stone Brook Pass, Mukwonago, WI 53149

Meetings (Usually)
First Thursday of each month. 6:30-9:29 PM
Woodcraft—lower level
14115 W. Greenfield Ave.
New Berlin, WI 53151

New Member Dues $35.00/Year
Or
$5.00 x remaining months in year, whichever is less expensive.
(Renewal dues are $35.00/yr, due Jan 1)

Name: __________________________ Date: __________________________

Address: ______________________________________________________

City: __________________________ State: _______ ZIP: ____________ Phone: ( ) __________

E-mail Address (optional): __________________________________________________________________________

Would you prefer the newsletter be sent by E-mail only? YES NO (circle one)

The following information will give us a better understanding of your areas of interest and experience. This will help us plan our program and activities to the greatest benefit of our membership.

Occupation: ______________________________________________________________________________________

Please tell us what type of woodworking you do: (furniture, turning etc.) ________________________________

What is your woodworking ability level?: [ ] Beginner [ ] Advanced Beginner [ ] Intermediate
[ ] Advanced Intermediate [ ] Skilled Craftsman

As a woodworker, are you a: [ ] Hobbyist [ ] Dedicated Amateur [ ] Semi-professional
[ ] Professional

Are your woodworking products used for?: [ ] Sale [ ] Personal Use [ ] Gifts

How did you hear about us?: [ ] Friend [ ] Internet [ ] Woodworking Show [ ] Other
What areas of woodworking interest you the most?
__________________________________________________________________________

What areas would you like to learn more about?
__________________________________________________________________________

Would you be willing to give a demonstration? [ ] No [ ] Yes
If so, what subject(s)? ______________________________________________________
__________________________________________________________________________

Would you be willing to help us in any of these areas? [ ] Publications [ ] Exhibit [ ] Workshop
[ ] Benefits [ ] Workshop Registration [ ] Publicity [ ] Program Planning [ ] Library
Audio-Visual
__________________________________________________________________________

Do you have any skills, knowledge or experiences – relating to your profession or hobby (ies) that you
would be willing to use to help further the aims and objectives of the Guild? If so, please indicate:
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Comments:
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

*  

Guild Use:
Check No. ____________ Amount: ____________ Date Received ____________
Cash Rec’t No. ________________ Amount: ____________ By: ________________
Member No. ________________
Holiday Party

Thursday, December 5, 2013

At

Meyers Family Restaurant
4200 South 76th Street
Greenfield, WI
414-321-4400

5:30 Cocktails
6:30 Dinner

RSVP by November 25th

to
John Johnson, Treasurer
9409 Nicholas Lane
Spring Grove, IL 60081

Make checks payable to
Wisconsin Woodworker’s Guild

___________________________________________

$20 per person

Names: _____________
No. of persons: ________
Amount: _________

Please bring your toys if you have any.