Welcome everyone to the amazing month of June!

Our June 2nd SAW general meeting will have another truly remarkable and very impressive speaker: Adam Panto from Woodcraft Sacramento on Bandsaw tune-ups. Adam has worked at Woodcraft Sacramento either part time or full time since 1992. He is a professional woodworker specializing in carving, large scale sculptural pieces, and custom furniture. Adam also teaches classes on carving, bandsaw, scroll saw, inlay and marquetry, at Woodcraft. Be sure to attend this very informative program!

Contest: Our SAW June 2nd general meeting woodworking contest will be the theme “Put a Lid on It!” Your entry can be anything that can contain something, but unlike past versions of this contest, what you make from wood must have a lid on it! Get creative, have fun, and see what you can come up with! You always welcome to bring in any toys, tools, or other woodworking projects you have been building or have built to share, show, and/or tell about too.

Hi, I'm Tom Harrington club treasurer. I joined SAW in 2008 shortly after I retired from almost 40 years as a bridge engineer with Caltrans. Most of that time involved the repair of bridges after earthquakes, fires, floods and collisions from transports whose drivers misjudged the height of their loads.

Over the years I’d done some do-it-yourself projects but hadn’t had any woodworking guidance since my high school woodshop class. I always wanted to do some “fun” woodworking projects rather than the “have to” projects, but didn’t seem to have the time.

My wife Maggie saw an article about SAW meetings and suggested (several times) that I look into it. Something about my needing to spend my retired time more productively. I should have known there was an ulterior motive behind her suggestion. I attended my first meeting in 2008 and the rest is history.

I started going to SIGs and learned about different woodworking tools, and more importantly, how to properly use them. I really like the supportive attitude of the club members and your willingness to share your knowledge and experience. As I said, Maggie had an ulterior motive for my getting involved with SAW. She had some projects in mind and wanted them to be built properly. It was a win for me too, as I have been able to get all these nice tools, AND she supports my getting the best tool for the job!
The **Sacramento Area Woodworkers**, also known as SAW, is an 501(c)(3) organization whose mission is:

To provide the community an enriched educational and charitable experience through woodworking.

We also share woodworking experiences, information, instructions, plans, books, tools and lumber sources, and sharing in discounts resulting from volume buying.

**2015 SAW BOARD**

All listed are voting members of the Board.

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<th>Position</th>
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<td>President</td>
<td>Charles Linn</td>
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<td>Vice President</td>
<td>Joe Orbeck</td>
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<td>Secretary</td>
<td>Richard Lovvo</td>
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<td>Treasurer</td>
<td>Tom Harrington</td>
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<td>Program Chairman</td>
<td>Jim Cauley</td>
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<td>Editor</td>
<td>Andy Volk</td>
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<td>David McPherson</td>
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<td>Member-at-Large</td>
<td>Christy Wallace</td>
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**SAW Staff Members:** Volunteer members who work hard to help make the club enjoyable and run smoothly.

- Librarians: Bob Beckert, Norm Steinbach, Dick Lewis, Joe Trevino
- Toy Chairperson: Steve Bockman
- Small Raffle: Sally Green
- Large Raffle: Judy Prichard
- Badges: Clayton Nye
- Refreshments: Neysa and Michael Bush
- Web Master: Matthew Burlingame

**LIBRARY**

Books, videos, and magazines are available *FREE* to members for one month at a time when checked out of the Library at the back of the meeting room. Be sure to return the items at the next meeting.

**The new books this month are:**

- "Making Traditional Pull-Along Toys in Wood," by Alan & Gill Bridgewater
- "Classic Joints with Power Tools," by Yeung Chan

(Editor's Note: I can personally recommend this excellent book.)

**MEMBERSHIP**

For all renewing members the dues for SAW are $30 per calendar year (no prorated renewal). Any and all dependent family members, residing in the same address of a fully paid member, can join for an additional 50% of annual dues. As a SAW member, you will enjoy the camaraderie of fellow woodworkers, discounts from local merchants, group buys on wood, and library privileges.

New Members will be prorated for the year:

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<th>Term</th>
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<td>Jan - Mar</td>
<td>$30.00</td>
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<td>Apr - Jun</td>
<td>$22.50</td>
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<td>Jul - Sept</td>
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<tr>
<td>Oct - Dec</td>
<td>$  7.50</td>
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No refunds will be given on membership dues.

*The club is always looking for new members. Recommend us to all your woodworking friends!* **Commercial Membership**

Commercial memberships are available for $50 per year. This membership includes yearly advertising in the newsletter. Ads are to be business card size and may be changed from month to month, if desired. Contact Treasurer Tom Harrington for more membership information.

**General Meeting Program Schedule**

<table>
<thead>
<tr>
<th>Month</th>
<th>Program</th>
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<tr>
<td>June</td>
<td>Adam Panto Bandsaw setup, tuning and use Contest: “Put a Lid on It” <em>(Has to have a lid on it this time)</em></td>
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<tr>
<td>July</td>
<td>Christy Wallace - &quot;Cut list Plus&quot; planning software</td>
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<tr>
<td>Aug</td>
<td>TBD Contest: “Get It Moving” Kinetic/Automata items</td>
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<tr>
<td>Sept</td>
<td>TBD</td>
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**Newsletter Items**

Contributions to the newsletter must be sent to the Editor, by the **20th of the month** for inclusion in the following month's newsletter. Send to Andy Volk at newsletter@sacramentoareawoodworkers.com

If SAW had a position for official photographer, the position would be assigned to Steven Hitchens. Stephen takes most, if not all, of the photos appearing in the newsletter. If you like the pictures, be sure to give Stephen your thanks!
SAVE THE DATE: Aura Hardwoods Barbecue is on Saturday June 6th! Aura Lumber has graciously agreed to host a SAW club wood sale and barbecue social at their Rancho Cordova warehouse on Saturday June 6th. (see Calendar at right) The time will be from 9:00 am until 1:00 pm. Stop on in and get a great deal on some wood and other SAW specials. Also enjoy a meal and drink too!

The SAW Toy Workshop will be on June 17th! Hands-on fun will be held at the Sacramento Woodcraft store, from 10:00 AM to 1:00 PM to make toys. Tools, equipment, and materials will be provided. On that day all SAW club member will receive a special 10% extra discount on most Woodcraft store items. Come out and help make some toys, and have some fun and great times with other club members!

Mark your calendar for the State Fair July 17th to the 19th! The California State Fair leadership has once again invited SAW to again host a booth at Cal Expo! Our club will have an air conditioned booth inside Expo Center Building #4 from Friday July 17th thru Sunday July 19th. As in years past, SAW club members willing to help staff the booth for a few hours will receive a free entrance ticket to the fair that day. It becomes a fun and easy way to let other people learn about our wood club, and also gives the public a chance to join our organization.

Thanks to Floyd Gibson’s for getting Dowelmax to donate a router lift to SAW! The Dowelmax router lift table was demonstrated on May 17th, 2015, with a good showing from the club’s membership at Floyd’s shop. Club members commented and gave feedback on the router lift table (see page 9). The router table and lift system will be raffled off at a future SAW meeting.

Bring in a new club member! We want our club to be constantly growing! Invite your friends, family, and even your neighbors and/or coworkers to become part of SAW! We welcome anyone with a willingness to enjoy woodworking, have fun, and meet great people. Make sure they know about our great Special Interest Groups (SIGs listed on this page) Are they unsure? Have them come visit a club meeting or activity! Any member who helps a new member to join our club will receive one SAW large or three small raffle tickets per new membership!

Have something you want to sell or donate to other SAW club members? Club members can advertise for free in the SAW Classified Ads section of the monthly club newsletter. Also, bring your items to sell or give away at the club’s general meetings too.

As always, I wish you the very best of everything. This club is based upon woodworkers sharing their hearts, woodshops, and skills with others. A special note of appreciation and gratitude to everyone who volunteers and helps make our club very special. Have fun, stay safe, and share your love of woodworking with others! I hope to see you at the June SAW club meeting!
SIG Information

A “SIG” (Special Interest Group) is a gathering of woodworkers at a member’s workshop to discuss and do projects related to the Group’s interest. Any SAW member or guest of a SAW member may just show up at the meeting. Times and locations for each SIG is given in the Calendar on page 3.

Scroll Saw SIG  Contact person:  Holly Lovvo

We had a great turnout last month. Special thanks to Floyd Gibson, David Chin, and everyone else who helped us move before the SIG. We were able to have everything out of storage and into the shop before the SIG began. David Chin gave an hour class on the challenges he faced when building his Ferris wheel which won first place in April’s contest. After that, there was hands-on work on making the little people which occupied many of the seats on the wheel, as well as other projects for people to enjoy.

For June, I was planning on having puzzles for the group. Due to the Aura BBQ scheduling conflict, we are going to have an open forum instead. We do not expect a large turnout, but will have all of the saws set up in case someone would like to drop by and get some quality time, or get some one-on-one training. Since the Aura BBQ is from 9:00 – 1:00, I have decided to make it a full day out in the shop, and invite anyone who would like to work with Richard and I to drop by. We will be in the shop from 9:30 am – 5:00 pm.

Projects SIG (formerly Novice SIG)  Contact persons:  Sally Green

The current Novice SIG has evolved into the participants working on individual projects rather than concentrating on everyone working on the same project to learn new techniques. As a result, we had a “graduation” from the Novice SIG to a Projects SIG. Bring your tool kit of necessary items: tablet, pencil, measuring tape, a small square, eye and hearing protection, and what you need for your project. E.g., your materials list, any instructions, pictures, etc., and any wood you are or plan to work on. Other members are welcome if they feel this SIG would fulfill what they are after. We will meet at Judy Waver’s shop, 10-1 on June 13.

Furniture Projects SIG  Contact person:  Christy Wallace

As there were no volunteers, there will be no Furniture SIG in June. The SIG will return in July.

Sharpening SIG  Contact person:  David Wilson

No information by the time of publication.

Lathe Turning SIG  Contact person:  Ed Gieszelmann

The June Lathe SIG will be at my shop on Sunday, June 28, from 2 to 5pm. We'll start off with turning some small items like bottle stoppers and tops, and then demonstrating turning dry-wood bowls.

Tip Corner:

If you have an interesting tip or “trick-of-the-trade” to share with the membership, contact Andy Volk. Published tips will earn a small raffle ticket.

Cool Websites to check out:

Share some of your favorite woodworking related websites here! Contact Andy Volk.

Andy Volk attended the Handworks show in Amana, IA in May. It was an interesting experience with lots of hand tool vendors and demonstrations, plus being able to see the fabulous H.O. Studley tool chest.

Highland Woodworking was there and captured some of the action, including your newsletter editor. Look at the second photo posted at http://www.highlandwoodworking.com/blasts2015/handworkspotos.html and look for him in the tan shirt in the lower right corner between the bald guy in the green shirt and the lady in the light blue blouse.

Also, the keynote address by Roy Underhill is posted on their website at http://www.highlandwoodworking.com/blasts2015/handworks2.html and is a hoot!
June Large Raffle Prize

**Milwaukee 12-Volt RED Lithium-Ion Cordless Drill Driver/Impact Driver Combo Kit**

- 3/8-Inch Drill Driver delivers 275 in-lbs. of peak torque, 0-400 / 0-1,500 RPM at just 2.6 lbs
- 1/4-Inch Hex Impact Driver delivers 850 in-lbs. of torque at only 2.3 lbs. and 0-2000 RPM for fast driving
- Bag/Case Type: Contractor Bag; Shipping Weight: 9.0 lbs

OR

A Check for $50.00

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**WOW Prize**

- **WoodRiver 20-Piece Brad Point and Forstner Bit Set**
- **Honing Guide**
- **Two Blade Folding Carving Knife**

**Badge Raffle**

- **Flexilla 25’ x 3/8” Air Hose**
- **Combo prize of Stanley 12’ Powerlock Tape Measure and Black & Decker’s “Kitchen Accessories” book**
- **Combo prize of 3M Sanding Block and Homer five gallon bucket**
Our speaker for April was Manny Lavrador, lumber purchasing manager for Aura Hardwoods. He gave an excellent talk on the various types of hardwoods Aura has and what he looks for when he goes out looking for wood. He also gave several good tips for ways to save money by understanding the different grades of the wood.

Bob Prichard showed a twist he CNCed into a column using different (and sometimes the wrong) cutting bits.

Bob Beckert showed two toy cars he is making with and for kids.

Judy Wavers showed a toy train with dovetailed cab and cars.

Vicki Orman showed the letter box she made during the last few Novice SIGs.

Jim Meek showed two segmented turned vases made from a variety of woods like Paduak, Maple, Wenge, and Yellow Heart.

Norm Steinbach made a beautiful early 1930’s coupe.

Floyd Gibson showed the router stand he made to review the Dowelmax lift (see page 9).

Jack Stellman made kumihimo or Japanese weaving stand

David Plance made a cutting board.

David Chin showed how he made the people that populated the Ferris wheel he made for last month’s contest.

Ed Gieszelmann made a mortising machine from an article in Woodsmith magazine. Quite an involved project.
The May Scroll Saw SIG was held at the Lovvo’s new shop space. David Chin talked about making his Ferris Wheel and the people that populated it, and everyone had patterns to work on.

The May Furniture SIG was given by Jim Cauley at his shop. He demonstrated how to layout and make cabriolet legs like those on the small table in the left photo. A pattern is transferred to two sides of a block of wood (1). Cuts are made using the pattern on one side and the offcuts are taped back in place (2). The pattern is cut on the second face. When the offcuts are all removed, the result is a rough cabriolet leg (3). The piece needs to be smoothed to shape.

The April Sharpening SIG was hosted at David Wilson’s shop. Greg Alvarez got one-on-one attention on sharpening his chisels. Dave has all the necessary jigs and stones (some shown in far right photo) to sharpen anything.

Requests for Memory Boxes

We have received a few requests from area hospitals and other services for memory boxes. At this time, the requests are for 15 boxes 7¼” square by 1¾” high, and for 16 boxes 10” by 12½” x 4” high. If you can assist, please let me know as I need to keep track of how many are being made. Unfortunately the link to the memory box details on our website is not functioning so if you have any questions please call or e-mail me.

Thanks,
Tom Harrington

Ralph Desmond answered our call for the larger memory boxes by building three beautiful boxes, which were delivered to the Keaton Raphael Memorial offices in Roseville. They work with children with cancer. The ladies receiving the boxes in the photo are Melinda Sober, Office Manager (left) and Jessica Alonso, Family Navigator (right). A special thank you is posted on the Keaton Raphael Memorial Facebook page at https://www.facebook.com/KeatonRaphaelMemorial?fref=ts.

(The editor wishes to state that while I am in one of the photos on Facebook, it is only because I delivered them and I can claim no other credit for these wonderful boxes.)
Toy Time

Joe Orbeck lead May's workshop. First, he covered safety with a router, a tool use to make his rocking horse. The group made the parts for 15 horses, but did not quite get to assembling them. A couple members helped with cutting out more fish fins for the fishing game.

Judy will lead the next workshop with her small rocking chair. We will also decide on building a Volkswagen tractor-trailer hauler and lovebugs in a future workshop. Don't forget the Aura Barbeque on June 6th, a great opportunity to buy a lot of wood for making many toys. We will go over some ideas on router jigs and a few ideas for safe tool operation.

Finally, if you want to come to the workshop, please come. We want your help and ideas. No experience needed. Just drop in and get some experience on the different tools and make toys.

Regards,
Steve Bockman
GREAT ROUTER FOR SALE!

Bosch 1619EVS 3.25 HP Plunge Router

Never used. Includes vacuum hose adapter, tool-free template guide adapter, drop forge wrench, 1/4” & 1/2” self-releasing collets all in original packaging. (Only the box top has been opened.)

$250.
Contact, Christy Wallace at valleynative-wood@yahoo.com

Classified Ads

SAW members have been coming up with many great ideas, such as how to network with other members outside of SIGs, or creating ways to borrow set-up tools. Might we suggest using the classified ad section?

Ads can be run for more than one month. Just contact us each month and let us know the ad is still valid. Remember, you must be a member to take advantage of our free ad space!

Review of Dowelmax Router Lift System

In May, Floyd Gibson hosted a hands-on demonstration and review of the Dowelmax router lift system. For the test, Floyd had the system pre-installed on a custom-built stand (instructions furnished by Dowelmax) with a router mounted and ready to go. For comparison, there was a Jessem router lift system mounted on a separate stand. Each participant was asked to use both systems by inserting and adjusting the height of a router bit, and then routing the sides of a pre-cut cradle assembly. One key difference between the Jessem and Dowelmax was how setting the router bit was accomplished by raising/lowering the router instead of the router table top, respectively.

There were some elements which were impossible to control, such as the height of Floyd’s stand. For some, the table was too low, while others thought the table was a bit too high. The table height is important, because when using the Dowelmax system, the lid opens allowing the user to sight along the edge of the raised top seeing both the router on the bottom and the bit on top.

The consensus overall seemed to depend on the user’s experience level with router systems. Those who were used to the Jessem system seemed to prefer Jessem, while those with little experience thought the Dowelmax system was easier to use. Each participant was asked to fill out a questionnaire at the end of the test, and the results were tabulated by Floyd, who will submit the findings to Dowelmax. A typical comment was “I am used to the other system.” Here is a sample of the pros and cons of the Dowelmax system:

Pros: The Dowelmax can handle many different router types, unlike Jessem. The line-of-sight height adjustment was easier for those who had physical limitations making it hard to see eye level across a flat table. Accessing the router was easier. For those who prefer to remove the router to change a bit, the lift system made this task easier. The lift system was easy to open/close, and the pressure needed to operate was high enough to prevent accidental closing.

Cons: With the table slanted, it is difficult to use a height gauge unless the fence (or other jig) was set closer to the bit. Some find making adjustments is easier on a flat table.

Special thanks to Dowelmax and Floyd for making this test possible. Stay tuned for a future raffle where Floyd’s custom-made stand (all dowels, no screws), the installed lift kit, and the installed switch (with two 110 outlets) will be the main prize (router not included). This table also comes with locking wheels, and the back legs are slanted at a 5 degree angle to prevent tipping when the lift is utilized.
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