

## Allan B. Brown Glassblowing Seminar

The Allan B. Brown Glassblowing Seminar to be held at the 2012 Symposium in Corning, New York will feature the construction of reactors designed for Combinatorial Chemistry, also known as "High Throughput Screening." This new technique of Chemistry requires small precisely constructed reactors and other apparatus.

The intention of this Seminar when it was established was to teach glassblowers the things they always wanted to know but that they were never taught. This goal stands true today in that the subject matter incorporates not only the proven known but also the changes and advancements that are taking place in scientific research. The latter affect **of** our profession and we need to be open to innovation and prepared to handle all new developments. That is why the continued objective/goal of the Allan B. Brown Glassblowing Seminar is to provide true hands-on personal instruction for twelve individuals. The Seminar will be filled on a first-come first-paid basis. The "observer only" option will not be available this year.

As mentioned above, in the 2012 Seminar we will discuss the design and use of various components of a Combinatorial Chemistry system; we will then construct these components. We look forward to sharing our knowledge and techniques with you.

Respectfully submitted,  
Jack Korfhage, Chair

### Audio Visual Committee

Dan Walker of ChemGlass has agreed to lead the AV committee. Dan has previous experience working with sound recording equipment. I will be working with Dan to smoothly transition the leadership position from myself to Dan. As part of this process, I will provide a list of ASGS equipment, including make/model number and where it is located. I have found that bringing projectors to sections meetings especially helpful to give a brief presentation showing the benefits for our membership.

I will contact Mike Souza for a list of rooms and events for the upcoming Exhibition in Corning. This will be an unusual arrangement because the hotel is including AV equipment complimentary as part of the package. This is a saving for the Society of \$1700 from the previous year and it is roughly what we pay every year. This covers projection screens and sound equipment, including a sound check for technical demonstrations, the banquet, and technical papers. Easels are now owned by the ASGS. To show Dan the procedures, coordination with the symposium chair and the hotel are

essential. Most seminars include the use of a projector and presenters are responsible for bringing their own laptop.

The Alexandria technical demonstrations were recorded by Joe Gregar of Argonne National labs using his own mini DVR camcorder with lens. Joe purchased a tripod to use as his own was too bulky to carry on a plane. Joe's camera fed onto the screen in the room. Joe used one cassette per presenter for a total of 6 technical demonstration cassettes and 1 artistic demonstration. I had the information backed up onto DVDs in the raw, uncompressed format before we shipped to Image Stream for editing. I did not want to lose the film.

Matthew McDonald simultaneously recorded on his personal mini DVR camcorder. This film is going to be used for snippets and posted onto facebook and YouTube to further promote the Society and also provide back-up footage in case there was any data loss. Matt bought X software and after editing, Kiva posted only a small portion of his demonstration on facebook. The process took a couple of hours for editing one presentation.

I received a quote from Michael Betz of Image Stream. Mr. Betz also included recommendations for a camera to record the workshops in the future. I asked for similar video quality with the ability to have an external microphone Jack. We currently do not own a camera and are relying on Joe the the use of his. The total price for editing will be \$1,032.31 and the quote is as follows:

Hi, Patrick.

Thank you for sending your MiniDV tapes for evaluation.

Based on our previous work for ASGS, I have completed a production cost estimate (attached). We propose to create three new DVDs with custom menus and disc labeling to match the previous work. The total comes to \$1,032.21.

Regarding good video cameras in the \$1,000 range, you might want to take a look at the Panasonic HDC-TM900, the Sony Handycam HDR-CX700V, or the JVC Everio GZ-HM1. All shoot high-definition video, and are in the same price ballpark. Whatever you choose, be sure to select a camcorder with an external microphone input – you'll want that to shoot your demonstrations.

Please let us know if you would like us to proceed with the project.

Regards,

Michael Betz

Image Stream

6646 Portage Road

Portage, MI 49002-3717

(tel) 269-321-3100

[mbetz@imagestream.com](mailto:mbetz@imagestream.com)

The cost of actually burning the CDs is approximately \$5 each. Mike Morris has a company that will provide this service.

I would like to have someone make a motion to fund editing. People can discuss if the ASGS wants to purchase a camera as a separate issue.

# Steve Anderson- Awards

## Education Report

The Education Committee has been working with the ISGE Seminar Chair, Daryl Smith, on securing seminar Speakers. I will also be working with Michael Wheeler towards putting together an electronic "Glassblower's Almanac" together for the attendees at the ISGE in Corning. The content will include material data, vacuum properties, conversion charts, etc. The Almanac will be installed onto 1-gig memory cards that bear our logo. We will also be providing advertizing space for free to all of the ISGE exhibitors.

A blog writer for Scientific American contacted me with inquiries about scientific glassblowing. She was a former Princeton student and she was looking to post a short article on the importance of scientific glassblowing. I was able to steer her towards people closely associated with the Society and the article was quite favorable. The article was posted on the ASGS Facebook and the author provided links to the ASGS.

Next year I will be manning a booth at Salem's International Flamework Conference. I would like to request a budget of no more than \$200 to cover promotional costs for printing and traveling to the 3-day event. In the past we have managed to get new members to sign up and this will dovetail with our promos for the ISGE 2012 in Corning, NY.

Respectfully,

-Mike Souza

## Elections Committee

Did not receive a report

## Information Technology

The committee report is reflected in the President's Letter

## International Liaison

BRITISH SOCIETY OF SCIENTIFIC GLASSBLOWERS  
Annual Symposium 2011  
September 8-10

This year the BSSG's symposium took place at The Quay Hotel & Spa in Deganwy, North Wales. The hotel was situated on Conwy Bay & our room looked out across the bay to Conwy Castle (13<sup>th</sup> century) as well as a view of the Irish Sea. It was an idyllic location. Gary & Mara Coyne joined my wife, Sherri & I on this trip.

The Mayor of Conwy, Councillor Mrs. Anne Roberts together with the BSSG Chairman, William Fludgate, opened the symposium. While the "companions" went on a tour of the walled town of

Conwy, we attended a series of lectures. Dave Smith of Qioptiq Space Technology lectured on astrological telescope mirror fabrication & development of glasses used in the new 42 in. & Hubble telescopes. Next Andy Grey, also from Quioptiq Space Technology, spoke about glass manufacturing at Qioptiq's. He described some of the features of the space environment their components have to interact with & some of the more interesting missions they have been involved with. Gary Coyne who spoke about "Sodium Migration in Glass During Glass Forming" gave the final lecture of the day.

Following a delicious dinner of roast lamb, a Welsh men's choir entertained us. The Charity Auction followed with Ian Pearson as our enthusiastic auctioneer. The proceeds were donated to St Dunstan's, an organization that aids blind ex-Service men & women.

The second day of the Symposium saw the "companions" off on a daylong trip to the Trefriw Woollen Mills & the National Slate Museum. Meanwhile the glassblowers spent the entire day observing demonstrations, attending the AGM & speaking with exhibitors. They were Herbert Arnold GmbH & Co., Enterprise Q Ltd., GPE Scientific Ltd., Jepson Bolton & Co. Ltd., Schott UK Ltd., Scientific Glass Laboratories Ltd., Scilabware Limited, Smith Scientific Ltd., & Yorlab. Overseas attendees included Dimitre Atanassov from Italy, Keith Holden from New Zealand, Kon Kraft from Germany & of course Gary Coyne from the U.S.A. & myself from Canada. The day concluded with the Annual Banquet & Awards Ceremony.

Respectfully submitted,  
Ron Legge

## Junior Liaison

October 3, 2011  
Committee Report  
November BOD Meeting

Dear President DeFlorio:

The 2011 ASGS Symposium held in Alexandria, Virginia last June was a great success. The program again was filled and the junior / student members learned a lot of good scientific glassblowing techniques. I would like to thank our gracious volunteer instructors for their enthusiasm and contributions. Each one brings a special talent to the program and our junior members benefit greatly from those talents. This year the instructors were: Ron Bihler (2<sup>nd</sup> year), Joe Gregar (23<sup>rd</sup> year), James Hodgson (5<sup>th</sup> year), and Robert Singer (18<sup>th</sup> year).

I am looking forward to the 2012 ASGS Symposium in Corning New York. This the home of Corning Glass Works one of the "glass Mecca's" in the United States. Corning Glass Works was the site of our very first ASGS Symposium 57 years ago in 1955. I will be putting together a great program for this symposium. The students that participate will learn new techniques and may also discover which skills they need to practice more to become proficient. Corning New York is located in Central

NY in what is known as the Finger Lake region. The geology of the area is absolutely beautiful and many times breathtaking. It should be a very enjoyable and relaxing trip and you may want to extend your visit for a wonderful vacation. I can't wait to get there.

### MEMBERSHIP

The junior membership currently stands at 33 juniors and 17 student members. Last year the numbers were at 20 Junior and 14 student members. These are great numbers but I think we can do better. Section directors should do all they can to recruit new glassblowers in their sections to join the ASGS and become junior members and they should also work hard to have junior members renew their memberships every year.

### CONGRATULATIONS TO THESE JUNIOR MEMBER AWARD WINNERS

The 2011 ASGS Memorial Award winner is Katie Jones from the Delaware Valley Section and employed at Great Glas in Wilmington DE.

The 2011 Delaware Valley Award winner Jordan Smith a student at Salem Community College.

The 2011 recipient of the Exhibitors Group Award is junior member Paul Kirby.

I would like to thank all the members responsible for these awards, their interest, support and dedication to our junior and student members. The Junior Liaison committee has been a very successful program for the ASGS. I feel it is a very strong program. As long as there is an ASGS I feel there can be a junior program.

Submitted by: Joseph S. Gregar, Chair, Junior Liaison Committee

## Membership

There are several positive changes that have taken place in the way the Membership Committee has operated during the year. No longer do we have potential members fax hard copies of their registration form to the National Office and then to the Member Chair for approval. All of this is done electronically, which saves time and money. For the past year we have also combined mailings of the appropriate new membership certificates with the information that was already being sent to new members from the

National Office. All of these changes were implemented to save time, money, and confusion. So far this is working very well.

Something that will need to be addressed during this meeting will be the timetable we will use to discontinue a member's password on the web site that has not paid their dues for the current year. Do we wait until after the February Fusion has been mailed to send a notice with the dues membership reminder or is this something that is included as a line item in the original notice for membership dues? Whatever the decision, we need to publish this on the web and in the Fusion Journal. Hopefully by now we have all given permission for publishing of materials that we have presented as either papers or articles for the ASGS Technical Reference Archive. In the coming year I would like to see more information loaded on the "Members Only" website, especially where you are able to search articles and publications by the persons name, article name... etc. I know all of this takes a lot of time, but it would be great to have whenever this is possible. I plan to work closely with the National Office to see that all members who are close to their anniversary dates are notified with the new mailing for dues at the beginning of the year. Everything else seems to be running smoothly. The membership numbers for the year are comparable to what we had hoped they would be after the rate increase from last year and new memberships are staying consistent. Here are the current totals for this year.

Here are the current membership totals as of October 2011:

Art	5
Assoc.	76
Student	17
Junior	33
Life	8
Retired	55
Int.	41
Regular	292

Total 526

Respectfully submitted,  
Gary Dobos, Chair

## Nominations

I have nominated Jim Cornell of the Southeast section as President-Elect. He accepted the nomination.

## Outreach

The Outreach Committee has no new activity to report.

Jason Craig - Outreach Chair  
Oak Ridge National Laboratory  
CraigJW@ORNL.gov  
865.574.4241

## Publications

October 10,2011

To: President DeFlorio

From: Dave Smart, Publications Chair

President DeFlorio and Board

Money seems to be high on the list of priorities lately. That being the case, I will give you a brief overview on how we are doing and how we might be at this years end. As all of you know the economy has taken it's toll on everything. One of our main sources of income was the big ads in Fusion. In 2003 we had 35 big ads. This upcoming issue of Fusion,(Nov.2011) will only have about 23 big ads. That is several thousand dollars we will never receive and there is not a lot we can do about it. It puts us in the same situation as many companies across the USA. I believe the economy will improve but not as quickly as we would like. One hopeful sign is that we have 5 ads for scientific glassblowers in the November issue of Fusion.

The end of this years financial statement could be very close. From the information I have received from Bob Ponton (National Office Mgr.) we will be very close to breaking even and maybe a little ahead. We need ads. That is where our profit comes from. Past history has been that Fusion is a member benefit and not for generating a large amount of profit. We try to make enough to pay expenses with a reasonable amount left over to help us when things go wrong.

The Publication Committee is still working well and I see no reason to change anything at this time.



Respectfully,

David Smart, Publications Chair

## Questions & Answers

The Technical Q&A committee is chaired by Tracy Drier. Members include Gary Coyne.

Our emphasis has been reviewing archived electronic ASGS Technical Q&A e-mail. Relevant and interesting posts are summarized for publication in Fusion. We have started from the earliest posts and are working towards the present day.

It is felt that having these questions in print will be useful for those without computer access, are not on the electronic Technical Q&A list, or unable/unwilling to access these archives.

Two long term goals that would be of benefit to members:

- Provide an opportunity at the symposium for members to request topics of inquiry from the Q&A committee.
- A keyword searchable database of past technical Q&A topics. This could be incorporated into the Roster/Cumulative Index CD, or as a \*members only\* feature of the ASGS website.

With Gary's help, work has begun to put these archives into a searchable database similar to our cumulative index database. Work will continue in an effort to complete this project within the next year (or two at the latest). An enormous thank you to Gary for his efforts on this project.

Best Regards,  
Tracy

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## Reference & Abstracts

October 18th, 2011

Dear President DeFlorio and members of the Board

I have had limited time and no support from anyone to continue to seek out and collect R& A

items. Hopefully things will open up in the upcoming year. If anyone on the board would like to

provide some support and assistance to the Refs & Abs Committee, it would be graciously received.

Respectively yours,

Gary Coyne

## Safety & Hazards

Art presented a PowerPoint on preventing hand injuries at the Midwest section. It was received with great attention. It would be nice to share this information with the Society at large in the form of either a paper or a Fusion article.

## Steering/Bylaws

### November 2011 BOD Report

As chairman of the Steering/Bylaws committee I have focused on preparing an updated version of the Bylaws. The Word copy that we have has been copied and pasted many times and the format is not consistent. The committee has approved some wording and order changes and they have been updated in the revised copy of the Bylaws. The change is the order in which the membership categories are listed. The new order is now consistent throughout the document.

There are two areas that I feel need our attention. First is Article III- Membership, Section 3- Dues.

- (a) Dues are due and payable on January 1. Membership shall be forfeited if dues are not paid by January 1.
- (b) The dues notice may be mailed with the ballot for the election of National Officers.

I would suggest that (a) read: Dues are payable on January 1. Membership shall be forfeited if dues are not paid. I also suggest that (b) be omitted because this could not happen. The nominations for National Office are not closed until January 1 and there is petition that is open until February 1. So according to our bylaws the ballot would not be ready to send until February 2. These changes would constitute a bylaw change.

The last area that needs to be addressed is ARTICLE IV- BOARD OF DIRECTORS (a) and (g); (a) deals with the creation of the Director at Large (June 2002) and (g) defines the qualifications for this position. In June of 2003 a motion was introduced and voted on to change the name of the "Section at Large" to the "Exhibitors Section", this motion passed unanimously. I suggest that section (g) be moved to section (b) as it gives the qualifications for the Director at Large in section (a). I also suggest that the wording be changed to : (a) There shall be a Board of Directors composed of the President, President-elect, Secretary, Treasurer, one Director from each Section of the Society and one Director at Large chosen from the Exhibitor's Section (June 2002, 2003). (b) The Director of the Exhibitor's Section must be a National member of the ASGS and an exhibitor at the annual ASGS Symposium for a minimum of 3 years (June 2002, 2003). When I sent this out to the bylaw committee as to whether this would be a bylaw change, the consensus was it would not be a bylaw change.

I hope that this has not thoroughly confused you. I will send this report out to the bylaw committee and if approved will make the changes and submit the updated bylaws again this June.

Respectfully,  
Curt Sexton

## Proposed Bylaw Change

The following bylaw changes are being submitted for consideration by the Board of Directors.

Current Bylaw:

ARTICLE III - MEMBERSHIP

Section 3 - Dues

(a) Dues are due and payable on January 1. Membership shall be forfeited if dues are not paid

by January 1

- (b) The dues notice may be mailed with the ballot for the election of national officers.
- (c) The amounts paid for membership dues are voted on by members of the ASGS (who are eligible to vote).

Proposed change:

- (a) Dues are due and payable on January 1. Membership shall be forfeited if dues are not paid.
- (b) Omit completely
- (c) The amounts paid for membership dues shall be voted on by the members of the ASGS, who are eligible to vote, at the annual business meeting.

Respectfully submitted,  
Curt Sexton Chairman Steering/Bylaws Committee

Symposium Coordinator

BOD Meeting November 2011

President Deflorio,

At the time of this writing, the 2013 Symposium Chair, Philip Legge, and myself are about to make a number of hotel site visits to Florida's gulf coast.

By the fall BOD meeting a hotel contract should be close to being signed.

Soon after this site and contract are set I will be contacting a few leads for the 2014 Symposium. I have talked to a few interested parties and it will be time for some gentle prodding. Namely the west coast or the midwest.

The 2012 Symposium in Corning, New York is on schedule and registration packets should be coming in late winter 2012.

Mike Souza and his committees have done an outstanding job of reserving exhibitor booths and arranging a top notch technical program.

I will be in attendance at this meeting and I will again bring up the subject of the ASGS BOD putting on the 2014 Symposium.

Scott Bankroff  
ASGS Symposium Coordinator