



# PROCEEDINGS AOSA / SCST



**106th ANNUAL MEETING  
ASSOCIATION OF OFFICIAL SEED ANALYSTS, INC.  
AND  
93rd ANNUAL MEETING  
SOCIETY OF COMMERCIAL SEED TECHNOLOGISTS, INC.**

**PORTLAND, OREGON  
JUNE 3-9<sup>TH</sup>, 2016**

## 2015-2016 AOSA EXECUTIVE BOARD

<p><b>Susan Reed, President (2016)</b>                  Virginia Department of Agriculture &amp; Consumer Services                  Seed Laboratory Manager                  600 North 5th St. Room 210                  Richmond, VA 23219</p>	<p>Telephone: (804) 786-3893                  FAX: (804) 371-7790                  Email: <a href="mailto:Susan.reed@vdacs.virginia.gov">Susan.reed@vdacs.virginia.gov</a></p>
<p><b>Randy Crowl, Vice-President (2016)</b>                  Colorado State University Colorado Seed Lab                  301 University Ave                  Fort Collins, CO 80523-1101</p>	<p>Phone: (970) 491-6404                  Email: <a href="mailto:randy.crowl@colostate.edu">randy.crowl@colostate.edu</a></p>
<p><b>Janine Maruschak, Secretary-Treasurer (2017)</b>                  CFIA Saskatoon Laboratory, Seed Science and Technology Section                  301-421 Downey Rd.                  Saskatoon, Saskatchewan                  Canada S7N 4L8</p>	<p>Telephone: (306) 975-5832                  FAX: (306) 975-6450                  Email: <a href="mailto:janine.maruschak@inspection.gc.ca">janine.maruschak@inspection.gc.ca</a></p>
<p><b>Stanley Akagi (2018)</b>                  Utah Department of Agriculture &amp; Food State Seed Laboratory                  P.O. Box 146500                  350 North Redwood Road                  Salt Lake City, UT 84114-6500</p>	<p>Phone: (801) 538-7182                  Fax: (801) 538-7189                  Email: <a href="mailto:sakagi@utah.gov">sakagi@utah.gov</a></p>
<p><b>Andrae McMillian (2016)</b>                  Alabama Department of Agriculture and Industry                  P.O. Box 336                  1445 Federal Drive                  Montgomery, AL 36109</p>	<p>Phone: (334) 240-7140                  Fax: (334) 240-7193                  Email: <a href="mailto:Andrae.McMillian@agi.alabama.gov">Andrae.McMillian@agi.alabama.gov</a></p>
<p><b>Deborah Meyer, Board Member (2018)</b>                  California Department of Food &amp; Agriculture Seed Laboratory                  3294 Meadowview Road                  Sacramento, CA 95832-1448</p>	<p>Telephone: (916) 262-1137                  FAX: (916) 262-1190                  Email: <a href="mailto:Deborah.meyer@cdfaca.gov">Deborah.meyer@cdfaca.gov</a></p>
<p><b>Jeff Prischmann, Board Member (2017)</b>                  North Dakota State Seed Department                  1313 18<sup>th</sup> St N                  Fargo, ND 58105</p>	<p>Telephone: (701) 231-5445                  FAX: (701) 231-5401                  Email: <a href="mailto:jprischmann@ndseed.ndsu.edu">jprischmann@ndseed.ndsu.edu</a></p>
<p><b>Victor Shaul, Board Member (2016)</b>                  Washington Department of Agriculture                  Seed Program Operations Manager                  21 North 1st Ave. #203                  Yakima, WA 9890</p>	<p>Telephone: (509) 249-6950                  Fax: (509) 454-4395                  Email : <a href="mailto:vshaul@agr.wa.gov">vshaul@agr.wa.gov</a></p>
<p><b>Johnny Zook, Board Member (2017)</b>                  Pennsylvania Department of Agriculture Bureau of Plant Industry                  2301 North Cameron St                  Harrisburg, PA 17110</p>	<p>Telephone: (717) 787-4894                  Fax: (717) 705-6518                  Email : <a href="mailto:jzook@pa.gov">jzook@pa.gov</a></p>



**2015-2016 SCST EXECUTIVE BOARD**

<p><b>President (2015)</b>  <b>Barbara Cleave, RST</b>                  Sakata Seed America Inc.                  11857 Bay Ridge Dr                  Burlington, WA 98233                  Telephone: 360-419-3032                  Email: <a href="mailto:bcleave@sakata.com">bcleave@sakata.com</a></p>	<p><b>Vice President (2015)</b>  <b>David Stimpson, CGT</b>                  Dow AgroSciences                  9330 Zionsville Road                  Indianapolis, IN 46268                  Telephone: 317-337-7288  <a href="mailto:Dcstimpson@dow.com">Dcstimpson@dow.com</a></p>
<p><b>Director-at-Large (2016)</b>  <b>Steve Beals, RST</b>                  Illinois Crop Improvement Association                  PO Box 9013                  3105 Research Road                  Champaign, IL 61826                  Telephone: 217-359-4053                  Fax: 217-359-4075  <a href="mailto:sbeals@ilcrop.com">sbeals@ilcrop.com</a></p>	<p><b>Director-at-Large (2017)</b>  <b>DaNell Jamieson, RST, RGT</b>                  Eurofins BioDiagnostics, Inc                  570 Highland Drive                  River Falls, WI 54022                  Telephone: 715-426-0246  <a href="mailto:DaNell.Jamieson@biodiagnostics.net">DaNell.Jamieson@biodiagnostics.net</a></p>
<p><b>Director-at-Large (2018)</b>  <b>David Johnston, RST</b>                  Seminis Vegetable Seeds                  2700 Camino del Sol                  Oxnard, CA 93030                  Telephone: 805-918-2443  <a href="mailto:david.m.johnston@monsanto.com">david.m.johnston@monsanto.com</a></p>	<p><b>Director-at-Large (2017)</b>  <b>Heidi Jo Larson, RST</b>                  SGS Brookings                  236 32<sup>nd</sup> Ave                  Brookings, SD 57006                  Telephone: 605-692-7211                  Email: <a href="mailto:Heidi.larson@sgs.com">Heidi.larson@sgs.com</a></p>
<p><b>Director-at-Large (2016)</b>  <b>Jennifer Pernsteiner, RST, CGT</b>                  Minnesota Crop Improvement Association                  1900 Hendon Ave                  St. Paul, MN 55108                  Telephone: 800-510-6242                  Email: <a href="mailto:j.pernsteiner@mncia.org">j.pernsteiner@mncia.org</a></p>	



---

## TABLE OF CONTENTS

<b>2015-2016 AOSA EXECUTIVE BOARD .....</b>	<b>2</b>
<b>2015-2016 SCST EXECUTIVE BOARD .....</b>	<b>3</b>
<b>2016 AOSA/SCST ANNUAL MEETING .....</b>	<b>6</b>
<b>BOARD AND BUSINESS MEETING MINUTES.....</b>	<b>6</b>
SCST EXECUTIVE BOARD MEETING .....	6
AOSA EXECUTIVE BOARD MEETING .....	10
JOINT SCST-AOSA EXECUTIVE BOARD MEETING .....	13
JOINT SCST-AOSA LONG RANGE PLANNING MEETING .....	17
JOINT SCST-AOSA BUSINESS MEETING .....	19
SCST 93rd ANNUAL BUSINESS MEETING .....	23
106th ANNUAL BUSINESS MEETING OF AOSA .....	32
<b>COMMITTEE REPORTS .....</b>	<b>34</b>
COMMUNICATION AND PUBLICATIONS COMMITTEE .....	34
EXAMINATION COMMITTEE .....	34
GENETIC TECHNOLOGY COMMITTEE .....	36
HANDBOOK COMMITTEE.....	37
INTERNATIONAL COMMITTEE.....	37
JOURNAL COMMITTEE .....	37
LAB STANDARDS AND DOCUMENTATION COMMITTEE REPORT .....	38
LEGISLATIVE COMMITTEE .....	39
PROFICIENCY TESTING COMMITTEE .....	46
REFEREE COMMITTEE .....	46
RESEARCH COMMITTEE .....	47
RESOLUTIONS COMMITTEE .....	49
RULES COMMITTEE .....	50
TEACHING AND TRAINING COMMITTEE .....	52
<b>RESEARCH SUBCOMMITTEE REPORTS.....</b>	<b>52</b>
CONSERVATION AND RECLAMATION SPECIES/TREE & SHRUB SUBCOMMITTEE.....	52
CULTIVAR PURITY SUBCOMMITTEE .....	53
FLOWER SEEDLING SUBCOMMITTEE .....	54
GERMINATION AND DORMANCY subCOMMITTEE.....	55
PURITY SUBCOMMITTEE.....	56
SEED MOISTURE SUBCOMMITTEE .....	56
SEED PATHOLOGY SUBCOMMITTEE.....	58
STATISTICS SUBCOMMITTEE .....	58
TETRAZOLIUM SUBCOMMITTEE.....	59
VIGOR SUBCOMMITTEE .....	60
<b>SCST COMMITTEE REPORTS.....</b>	<b>60</b>
AUDIT COMMITTEE .....	60
ETHICS COMMITTEE .....	62
NECROLOGY/HISTORIAN COMMITTEE .....	62
NOMINATING COMMITTEE .....	65

SEED LIBRARY COMMITTEE .....	65
<b>AOSA COMMITTEE REPORTS .....</b>	<b>65</b>
LIAISON COMMITTEE REPORT .....	65
AUDIT REPORT .....	66
BY-LAWS COMMITTEE .....	67
AOSA CONTINUING EDUCATION COMMITTEE.....	67
AOSA MEMBERSHIP COMMITTEE .....	68
ELECTIONS COMMITTEE.....	68
<b>MEETING ATTENDEES .....</b>	<b>69</b>
<b>SCST MERITORIOUS SERVICE AWARD, HONORARY MEMBERS, AND GAVEL CLUB MEMBERS.....</b>	<b>73</b>
RECIPIENTS OF THE SCST MERITORIOUS SERVICE AWARD .....	73
SCST HONORARY MEMBERS .....	74
SCST GAVEL CLUB.....	76

---

## 2016 AOSA/SCST ANNUAL MEETING

### BOARD AND BUSINESS MEETING MINUTES

#### SCST EXECUTIVE BOARD MEETING

##### SCST Executive Board Meeting June 4, 2016 Portland, Oregon

The Meeting was called to order by President Barbara Cleave at 8:19 a.m.  
Attendees: Barbara Cleave, David Stimpson, Steve Beals, DaNell Jamieson, Heidi Jo Larson, Jennifer Pernsteiner, David Johnston, Quinn Gillespie, Kelly Polzin, and Jess Peterson.

#### **I. Anti-Trust Policy**

President Barbara Cleave reviewed the anti-trust policy.

#### **II. Additions to and approval of the agenda**

Barbara requested that Joint meeting be added to new business. David Johnston moved that the agenda be approved as amended. Heidi Jo Larson seconded. Motion carried.

#### **III. Additions to and approval of March 14, 2016 Executive Board Minutes**

Jennifer Pernsteiner moved that the Executive Board minutes be approved as presented. David Stimpson seconded. Motion carried.

#### **IV. Financial Report**

Jess Peterson, WSS, presented the budget and updated financials for the Society.

#### **V. Reports**

##### **a. Presidents Report**

President Barbara Cleave gave update on the legal situation and the statement that was provided to read to the membership. Barbara has been busy preparing for annual meeting, following up request for ASTA workshop, reviewing response from Sabry Elias in regards to disbanding of Research Funding Committee, following up on cease and desist letter sent to retired member. Barbara gave an update on STRF.

##### **b. Vice Presidents Report**

---

Vice President David Stimpson gave an update on his work with the uniformity task force and consolidation/umbrella organization. David also reported on the importance of thinking before reacting.

**c. Board of Director Reports**

1. **Steve Beals.** Steve has been busy reviewing the financials of the Society.
2. **DaNell Jamieson.** DaNell has been busy attending CSAAC conference calls. DaNell reported on multiple changes that are taking affect in Canada. DaNell also reported on the Seed Technologist Journal.
3. **Heidi Jo Larson.** Heidi has been busy with preparing for the annual meeting and working on the proficiency test. Heidi has been involved with the laboratory membership working group (lab accreditation directory and self-audit) and working with DaNell on the professional membership. Along with updating the C&B, Heidi has revised and updated the Committee Handbook.
4. **Jennifer Pernsteiner.** Jennifer has kept busy assisting with editing handbooks and documents. Jennifer has also kept very busy with the updates to the Seed Technologist Training Manual.
5. **David Johnston.** David has been busy preparing for the ISTA meeting. He has also kept busy with the ethics committee
6. **Quinn Gillespie.** Quinn introduced herself as the new incoming Board member. Quinn was elected to replace outgoing Board member Steve Beals.

**d. Executive Office Report**

Jess Peterson gave an update on the activities of the Western Skies Strategies office. Kelly Polzin has kept busy with the day to day activities of the Society. Kelly Fogarty has been busy with the preparations for the annual meeting and the planning for the upcoming meetings. Additionally, Lia was brought on part time to assist. Jess made a request for an additional \$500/month.

The meeting adjourned for lunch. The meeting reconvened at 1 p.m.

**VI. Old Business**

**a. Professional Membership**

DaNell and Heidi reviewed the process and the decisions that were used to determine the requirements of the professional membership category. The requirements were reviewed and minor edits and clarifications were made. How to go from a Professional Member back to a Registered Member were discussed. The decision was made to submit the Registered member reinstatement application.

**b. Laboratory accreditation list (replaces lab membership)**

Heidi reviewed the formation of the laboratory membership working group at the 2015 Annual Meeting in Tampa. The working group discussed the importance of the laboratory membership and its need. It was decided to survey the membership for their opinion. The results of the survey were not in favor of a membership category. The working group then came up with the idea of a laboratory accreditation list and a self-audit.

**c. Electronic Seals**

Barbara and the Board discussed the problems of obtaining seals back when a member retires, quits, or switches companies. Also the liability of a company using the electronic version of the seal once a member has left the company, was discussed as well. The Board decided it would be best to have a working group work out the finer details of what would all be involved.

**d. Funding Translation of Seed Technologist Training Manual**

David Stimpson informed the Board of potential funding option from the International relations committee through ASTA. David is going to meet with Michelle at the ASTA meeting to discuss the possible options there. Also there may be the possibility of grants. Jess Peterson is working on avenues as well. The working group will report at the long range planning meeting.

**e. Committee Handbook**

The completed Committee Handbook was discussed. It is currently posted on the website. The concern of constantly updating the names of the Committee Chairs was discussed. This will make it much easier to keep the Committee Chair Handbook up to date.

**f. Committee Chair Ability to Update the Website**

Kelly Polzin updated the Board on the webinar that was put on to educate the Committee designated individuals on how to update the committee webpage.

**VII. New Business**

**a. SCST Historic Documents**

**1. Shredding Documents**

Neal Foster submitted a request to the Board that he be allowed to shred the SCST documents that he had received from New York. Neal had scanned all the files into pdf and saved on an external hard drive.

**2. Placing electronic files on website/access**



---

Neal also requested that the Board discuss placing the documents in a secure, easily accessible area for Board members.

The Boards discussed different options and the pros and cons of doing this. The Board decided to table this discussion until the next Board meeting allowing everyone adequate time to think about it.

**b. Reimbursement of Associate Dues**

Heidi and Barbara received a request that an individual's associate membership dues be reimbursed due to the fact that after a very short time, they were no longer employed there. Steve moved that if a payer requests the reimbursement of associate dues within 30 days of payment, they shall be reimbursed and the association membership withdrawn. David Stimpson seconded. Motion carried.

**c. Self-Audit Results**

Heidi reviewed the results of the self-audit survey that was sent to the membership. She also emailed it to the Board members for review and for any comments prior to presenting it at the long range planning meeting.

**d. Template Documents for use by Members**

Discussion of the use of seals and their return or lack of return was discussed. The Privilege of Use and the RST contracts were reviewed to see the specifications that were tied to the seals, the members, and the Society. The issue of switching companies, the returning and use of seals will be addressed in the President's report and an email will be sent to the membership as well. Also it will be discussed in the Communications & Publications committee meeting. The Board feels the membership may need to review their contracts. A statement is going to be added to the next Membership dues stating that by paying your dues you are agreeing to abide by the Membership contract and the SCST Constitution and by-laws. Assistance has been requested from members regarding 1) complaints against their findings (purity examination) and how to respond to this complaint, and 2) issuance of a cease and desist letter to a previous employer so that the RST name and seal will no longer be used after they have left the company. Board members discussed the legal impact of providing such documents, and suggested a Question Forum on the website instead. This will be added to the LRP meeting.

**e. ASTA Letter**

The Board discussed the letter that AOSA and SCST received from ASTA addressing the issue on the lack of uniformity. The Board's recommendation to discuss with AOSA at the Joint Board meeting is for David Stimpson and Deborah Meyer to draft a reply letter to submit to the Boards for approval before being sent.

**f. Long Range Planning Meeting**

The Boards reviewed the topics for discussion at the long range planning meeting. Assignments were made for presenters.

The Board Members then discussed the request by WSS for an additional \$500/month. A request was made for WSS to itemize where the money that they receive from SCST is allocated.

DaNell made a motion to adjourn. David Johnston second. Motion carried.

Meeting adjourned at 5:22 p.m.

**AOSA EXECUTIVE BOARD MEETING**

**AOSA Executive Board Meeting  
2016 Annual Meeting Minutes  
Portland, Oregon  
June 4, 2016  
1:00 pm PDT**

Call meeting to order: by Susan Reed at 1:07 PDT

Roll Call: Susan Reed, Randy Crowl, Mike Stahr, Janine Maruschak, Andrae McMillian, Victor Shaul, Jeffrey Prischmann, Deborah Meyer, Stanley Akagi, Todd Erickson, Jess Peterson, Kelly Polzin,

- 1) Additions to and approval of agenda
  - a) Add a closed session for AOSA Executive Office Review
    - i) Deborah Meyer moved to approve the agenda
    - ii) Randy Crowl seconded
    - iii) AOSA Board unanimously voted to approve the corrected agenda
- 2) Additions to and approval of May 5th 2016 and February 2016 closed business meeting minutes
  - a) February 2016 closed business meeting minutes
    - i) Read by Susan Reed
      - (1) Andrae McMillian moved to approve the minutes
      - (2) Randy Crowl seconded
      - (3) AOSA Board unanimously voted to approve the minutes
  - b) May 5th 2016 minutes
    - i) Corrections need to be revised to say the words remove and add
    - ii) Under Jeffrey Prischmann's Report change the word Weak to Wheat
      - (1) Deborah Meyer moved to approve the minutes as corrected
      - (2) Andrae McMillian seconded
      - (3) AOSA Board unanimously voted to approve the minutes as corrected
- 3) Financial Report (Kristen Albers and Janine Maruschak)
  - a) Budget
    - i) Added upcoming Annual meeting budgets

- ii) Breakdown income
- iii) USDA funding continuance
  - (1) Seek options for continued funding through training, annual meeting support and other avenues.
- iv) Change Travel, Storage, Legal Fees, Annual Meeting and Seed Technology Journal lines
  - (1) Storage facility will be cleaned out in the next 3 months with the contents sent to Victor Shaul
  - (2) Under Subscription add the Seed Technology Journal for the membership
    - (a) Jeff Prischmann moved to approve the Budget as projected
    - (b) Randy Crowl seconded
    - (c) AOSA Board unanimously voted to approve the Budget
  - (3) Increase of AOSA annual dues by \$50.00 after discussing whether or not to increase it \$50 or \$75.
    - (a) Victor Shaul moved to approve the amended Budget
    - (b) Randy Crowl seconded
    - (c) AOSA Board unanimously voted to approve the amended budget
- 4) AOSA Executive Office Update (Jess Peterson)
  - a) Business Protocols adhered to
  - b) Build on efficiencies
  - c) Balance of the AOSA workload
  - d) Joint Annual Meeting Website
    - i) Meeting registration numbers and overall income and expenses were in line with last year
  - e) 2017 Annual Meeting
    - i) In frequent dialog with Beni and Olga
    - ii) Working on what the Workshop expectation will be
    - iii) Looking into new sponsorships and funding
  - f) Keep building on relationships with affiliate organizations
  - g) Committee Chair Pages
    - i) Abilities to update the pages at any time
- 5) Old Business
  - a) Dr. Payne survey update (Susan Reed)
    - i) Discussed the comparison of what was sent to Susan from Dr. Payne and what the AOSA Executive Office had received for results of the survey
    - ii) Possibly create a Sub-Committee to analyze the data
      - (1) Sabry Elias or Brent Turnipseed
    - iii) Will discuss and add to the Joint Board of Directors agenda to create some action items to analyze the data in question
  - b) Investigation (Susan Reed)
    - i) Recent attempts to communicate with the investigator and the Assistant District Attorney have failed to gain a response.
    - ii) There was general agreement not to engage our lawyer in pursuing the matter further at this time due to incurring additional costs.

- iii) Randy Crowl agreed to send a letter to the ADA to encourage him to move forward with the charges and restitution that were communicated to us from the ADA via our lawyer
- c) Umbrella Organization Working Group (Randy Crowl & Stanley Akagi)
  - i) Have not met therefore nothing to report
- d) AASCO and AOSCA Annual Meeting representation
  - i) Randy Crowl to attend the AASCO in Kalispell, MT
  - ii) Victor Shaul to attend the AOSCA in Park City, UT
  - iii) Deborah Meyer moved to approve travel expenses for Randy to attend the AASCO Annual Meetings.
  - iv) Andrae McMillian seconded
  - v) AOSA Board unanimously voted to approve Randy's travel expenses
- 6) New Business
  - a) Continuing Education Points
    - i) Letter of concern and intent of stepping down from the AOSA Chair of the Examination Committee from Johnny Zook was read by Susan Reed
      - (1) There are different sets of criteria for people taking the exam
      - (2) Develop a solution through the Joint Board of Directors and committee
        - (i) A new AOSA Co-Chair is needed.
      - (3) Re-Examinations
        - (a) The current policy for re-writing the exam seems to be too restrictive given that the exam is only offered a few times per year. Suggest that this policy be reviewed by the Exam Committee.
      - (4) General agreement that AOSA and SCST candidates must meet the same requirements with a grandfathered time period during initiation of the change.
  - b) Teaching and Training sub committees
    - i) Educational Resources
      - (1) Computer based training
      - (2) Study Hall
    - ii) Webinar
      - (1) Appropriate to material presented
      - (2) Six presentations a year
    - iii) Randy Crowl moved to accept the formation of the two sub-committees
    - iv) Andrae McMillian seconded
    - v) AOSA Board unanimously voted to approve the two sub-committees
  - c) STRF representative
    - i) Larry Nees has retired
    - ii) Randy Crowl may stay on the committee based on the By-Laws
    - iii) Andrae McMillian has been nominated by the AOSA Board and has accepted the position
  - d) ASTA letter
    - i) Will need a prompt response and resolution
    - ii) Specific examples from ASTA would be useful
      - (1) What rules were broken
      - (2) What were the labeling issues

- (3) What laboratories and what species
  - iii) List AOSA's continuing efforts in uniformity
    - (1) Workshops
    - (2) Rule changes
    - (3) Survey's
    - (4) Proficiency testing
    - (5) Referee's
    - (6) New Rules
  - iv) Will be placed on the Joint Board of Directors meeting agenda for discussion
- 7) Adjourn
- a) Randy Crowl moved to adjourn
  - b) Janine Maruschak seconded
  - c) AOSA Board unanimously voted to approve Adjournment approved

The Board reconvened June 8 at 5:00 pm ( to amend the proposed budget to include an Official Laboratories member dues increase of \$75.00 to ensure that we had sufficient income for a positive balance in the budget. The proposed budget for presentation to the membership at the Business Meeting was approved by the AOSA Board. Susan reported on the WSS performance review which was completed and documented on June 8 by Susan, Randy, Janine and Victor with Jess. Randy reported that the WSS contract for 2016-17 was signed and a review was planned to consider an increase after determining the 2016 annual meeting income.

## JOINT SCST-AOSA EXECUTIVE BOARD MEETING

### AOSA/SCST Joint Executive Board Minutes June 5, 2016 Portland, Oregon

AOSA President Susan Reed and SCST President Barbara Cleave called the meeting to order at 8:25 a.m.

Members Present: Susan Reed, Randy Crowl, Janine Maruschak, Victor Shaul, Jeffrey Prischmann, Deborah Meyer, Stanley Akagi, Andrae McMillan, Michael Stahr, Barbara Cleave, David Stimpson, Steve Beals, DaNell Jamieson, David Johnston, Heidi Jo Larson, Jennifer Pernsteiner, Quinn Gillespie, Jess Peterson, and Kelly Polzin

#### I. **Anti-Trust Policy**

The anti-trust policy was reviewed.

#### II. **Additions to and approval of agenda**

David Johnston moved to approve the agenda. Janine seconded. Motion carried.

#### III. **Additions to and approval of the March 30<sup>th</sup>, 2016 Minutes**

David Stimpson moved to approve the minutes as presented. Victor seconded. Motion carried.

#### **IV. Reports**

##### **a. AOSA, Susan Reed**

Susan Reed reported on the activities of AOSA. AOSA has been working on by-laws changes to appropriately reflect the joint committees with SCST. Kathleen Willey was elected the new Board of Director and Michael Stahr was elected the new Vice President. The exam criteria for the CSA examination was reviewed and clarified. Patsy Jackson has been working on getting proficiency testing up and running for AOSA. Susan reviewed the financial status of AOSA. Susan also announced that she will be retiring on July 1<sup>st</sup>.

##### **b. SCST, Barbara Cleave**

Barbara reported on the activities of SCST. Barbara reported the proficiency testing being now mandatory for SCST, the work with AOSA on determining the joint committees, the request from ASTA to host a joint workshop. Barbara also reported on the addition of the professional membership category, the use of the seals, and the laboratory accreditation directory. SCST has also been working on finding funding to translate the Seed Technologist Training Manual and hopefully also the AOSA Rules for Testing Seeds.

##### **c. Executive Director**

Jess Peterson gave an update on the activities of the Executive Director. They have made it a priority to prioritize items for the joint meeting. They worked on creating the joint annual meeting website. WSS has been working on getting details set up for the 2017 and 2018 annual meetings. Heidi Jo and Jeff are the SCST and AOSA board appointed representatives for the 2017 meeting. Jennifer and Patsy are the SCST and AOSA board appointed representatives for the 2018 meeting. The budget for the 2017 annual meeting has been set and the registration fees have been set as well. Deborah Meyer and David Johnston are to be the contacts for the 2017 workshops. Randy Crowl is the local contact for the logistical items related to the workshops and tours.

Craig McGill and Joel Lechappe from ISTA meet with the Joint Boards to discuss the combined annual meetings between ISTA, AOSA, and SCST. The following topics were discussed:

- concerns of the length of the meetings
- possibilities of joint meetings, workshops, and tours



---

-ISTA member and non-member pricing for attendance at the annual meeting  
-possibility of having a joint flower seed workshop at the Botanical gardens.  
There will be a joint 3 day Seed Calc Statistics workshop.

The best way to advertise the joint meeting between the Associations was discussed; target audience is different so advertisements need to meet the needs of each audience. It was decided to form a working group between David Johnston, Deborah Meyer, Sharon Davidson, Janine Maruschak, Joel Lechappe, and Craig McGill to work out some of the finer details of how the agenda will accommodate the different formats of committee presentations between AOSA/SCST and ISTA.

## **V. Old Business**

### **a. Umbrella Organization Working Group**

David Stimpson gave an update on the umbrella organization working group. David brought up the need for efficiencies with the constraints that both organizations are facing. As many things as possible for both Associations need to be a collaboration: website, committees, etc. The fact that SCST and AOSA have separate proficiency testing committees was brought and questioned as to why they are separate. No one could provide a good answer as to why they are separate. David Stimpson moved that the AOSA proficiency testing leader and the SCST proficiency testing leader provide a plan to move forward as a joint committee. Victor Shaul seconded. Motion carried.

### **b. Results from Dr. Payne Survey**

The Boards discussed that something needs to be done. Victor Shaul moved that each Board designate a person to evaluate the survey. DaNell amended the motion to read that the statistics committee in the next 2 months evaluate the survey, in time for the next joint Board meeting. Randy Crowl seconded the amended motion. Amended motion carried.

### **c. Continuing Education Points**

Barbara sent the teaching and training committee information on assigning continuing education points.

### **d. 2017 Annual Meeting Update**

This was covered in the Executive Director update and the meeting with Joel Lachappe and Craig McGill.

### **e. 2018 Annual Meeting Update**

Ryan Johnson toured the hotels and reported back to the Boards. The Boards selected the hotel based off Ryan's recommendations. The Boards would like to thank Ryan Johnson for donating his time and evaluating the hotels.

### **f. ASTA Seed Industry Relations Workshop**

---

This was a motion that came forward from Alan Galbraith at the December ASTA meeting. The discussion revolved around when and where would be the best time to have the workshop. Barbara will approach Neal Foster about getting the planning going and communicate to Deborah Meyer and Randy Crowl about having this at the AOSA/SCST/ISTA joint meeting.

## **VI. New Business**

### **a. Journal Committee 5 Year Plan**

Due to USDA budget constraints Victor Vankus was unable to be present at the Annual Meeting so the Joint Boards conducted a conference call with Victor. Victor reviewed his 5 year budget for the Seed Technologist Journal. He also reviewed the Seed Technologist Journal website. The request that Victor is making of the AOSA and SCST Boards is that if the STJ is unable to make its financial responsibilities for a month that the Boards help it meet those responsibilities. Discussion ensued about the STRF and its ability to assist the Journal. AOSA currently supports the Journal by using \$75 of each member's dues to purchase a subscription to the Journal. Heidi Jo moved that SCST match the AOSA's \$6,000 contribution to assist the Journal. DaNell seconded. Motion carried by SCST Board members present. The Boards decided to discuss the situation again end of July/beginning of August when they will have received the financial information from the annual meeting.

### **b. Previous Meeting Profits, Next Year Funding**

AOSA/SCST Annual Meeting Guideline states that \$3000 be provided to the meeting host committee one year prior to the meeting as startup funds. The boards stated this is no longer applicable as the ED provides this support for the meeting.

### **c. Criteria to take the examination**

AOSA agreed that the criteria to take the CSA examination should be the same for SCST and AOSA candidates. AOSA will be grandfathering in individuals up until the criteria is officially established for AOSA members.

### **d. STEP**

Randy Crowl presented a request from STEP for the need to request videos that explain what we do: overview of lab, dividing, viability testing, purity and noxious, vigor testing, etc. Randy Crowl believes that STEP has the funding needed. Victor Shaul informed Randy of a company in Washington that specializes in agricultural videos. Victor will pass the information along to Randy. Discussion about the ISTA promotional videos and the possibility of assistance from ASTA were discussed.

### **e. ASTA Letter**



The concerns of the ASTA letter of the lack of uniformity and action were discussed. There were a lot of questions as to what exactly ASTA was referring to. Examples would have been very useful. Andrae McMillan moved that David Stimpson and Deborah Meyer draft a response letter for the Boards to review before replying to ASTA. Victor Shaul seconded. Motion carried.

## **VII. Review of Long Range Planning Items**

The agendas for the long range planning were discussed and assignments for presentation of topics were made.

David Johnson made a motion to adjourn the meeting. Heidi Jo seconded. Motion carried.

Meeting adjourned at 12:29 p.m.

# **JOINT SCST-AOSA LONG RANGE PLANNING MEETING**

## **AOSA/SCST Long Range Planning June 8, 2016 Portland, Oregon**

The Long Range Planning Session was called to order by President Barbara Cleave at 8:05 a.m.

### **I. Anti-trust Policy**

Barbara Cleave read the anti-trust policy.

### **II. Laboratory Membership and Laboratory Accreditation Directory**

Heidi Jo reviewed the history of the laboratory membership and the working group taking a different approach. The laboratory membership working group approached the idea of a laboratory accreditation directory. A survey was sent out to the membership requesting information on their accreditation status. This list can be found on the SCST page under the directories tab. Discussion included moving the list to the Joint AOSA SCST website and expanding the directory to include AOSA labs that are accredited.

### **III. Self-Audit**

Next the results from the self-audit were presented. This leads to lots of discussion about using the most up to date resources and areas of improvements. AOSA requested that the audit be made available to them as well. Questions as to whether individuals or laboratories submitted the results

---

and whether to make it mandatory or not were discussed. There was a request for Heidi to provide more in depth results of the survey results. The members would like to see the survey offered every year to provide a benchmark for improvement. Also there was a request for more in depth questions in the areas that show a need for improvement. Heidi asked for assistance for more volunteers to assist Sharon Davidson, Neal Foster, and herself. Bryce Callighan and Bridgett Westfall volunteered to assist.

#### **IV. Electronic Seals**

There was discussion about the use of the SCST seal and the fact that the seal belongs to the Society and not the individual. The discussion also revolved around the ability of individuals within the same laboratory to all have their own individual seal numbers or for all individuals within the same laboratory to use one seal number. Some customs and International agencies require the use of the embossed seal. Discussion also involved how to make a seal number null and void or to provide a list of valid or non-valid seal numbers to make reference to. It was decided that there were too many unanswered questions and details to be worked out. A working group was formed consisting of Neal Foster, Ethan Waltermeier, Donna Grubisic, Deborah Meyer, and Brent Reschly. They will request input prior to meeting, meet, work out the details considering comments from members, and present a working plan at the next annual meeting.

#### **V. Professional Membership**

DaNell Jamieson and Heidi Jo Larson presented the requirements for a new potential SCST membership category. The primary concern that was voiced was if RST members would be required to switch to the Professional membership category if they are not actively involved in the laboratory on a day to day basis. The membership was informed that no that was not the case and it was up to the individual if they would like to switch from a Registered member to a Professional Member. The requirement on how to switch from the Professional Member back to a Registered Member was also a concern. The individual would need to submit a Reinstatement application.

#### **VI. Rules and Seed Technologist Training Manual Translation Working Group**

The options of funding to translate the two documents were discussed. The potential for funding through ASTA's International group was discussed. The possibility of getting funding from the department of labor was discussed. This will definitely happen just a matter of time. The initial request is for Spanish and Portuguese. There was also mention of the need for translation

for the Orient. There was concern on how to do the updates to the AOSA Rules for Testing Seeds.

**VII. Journal of Seed Technology**

DaNell Jamieson presented the report on the Journal of Seed Technology. The website for the Journal is almost ready to go. She showed the 5 year budget for the Journal. Concerns were addressed about the amount of back pay that was owed to the editors. There was extensive discussion about who is legally responsible for the back pay owed to the editors. Options for potential funding from other sources was discussed.

**VIII. Question/Member Forum**

The need for an area of the website to assist members with questions, discussions, or seed identification was discussed. The need to have a moderator to watch the content and the advertisements was discussed. It would be nice to have someone with an IT background to assist. Quinn Gillespie and Brenda Johnson were appointed to form a task force to work out the finer details.

**IX. Joint Website**

The joint website was reviewed. One individual from each committee will be allow to update their committee website. It was recommended that as many things as possible be moved to the joint website.

**X. Other Items**

Anna Doornink extended an invite to everyone to attend a 3 day Seed Calc workshop June 14<sup>th</sup>-16<sup>th</sup>, 2017 at the 2017 Annual Meeting in Denver, Colorado. They are also planning a seed sampling workshop for the 2018 Annual Meeting in Raleigh, NC.

The Umbrella Working group formed last year is still working out some technical issues for the function of potential committee and has nothing to report at this time.

The Long Range Planning session was adjourned at 11:30 a.m.

**JOINT SCST-AOSA BUSINESS MEETING**

**Association of Official Seed Analyst  
Society of Commercial Seed Technologists  
Joint Business Meeting**

**Portland Oregon**  
**June 9<sup>th</sup>, 2016 8:00am – 9:30am**

**I. Call to order- Presidents**

AOSA President Susan Reed and SCST President Barbara Cleave called the meeting to order at 8:05 a.m.

**II. Appoint Parliamentarian(s) and Sergeant-at-Arms:**

Paul Johnson was appointed Parliamentarian. Don Ogawa, Ron Parmely, Kyle Arvin, and Michael Aberle were appointed Sergeant-at-arms.

**III. 2016 AOSA Rule Vote**

Mike Stahr presented each rule proposal and made a motion for adopting. AOSA members voted using color coded voting cards. SCST members recorded their votes on paper ballots.

The Results of AOSA voting:

<b>Proposal #</b>	<b>AOSA Yes Votes</b>	<b>AOSA No Votes</b>	<b>AOSA Abstains*</b>
1	18	1	2
2	21	0	1
3	22	0	0
4	22	0	0
5	22	0	0
6	22	0	0
7	21	0	1
8	21	0	1
9	22	0	0
10	19	3	0
11	22	0	0
12	19	2	1
13	19	2	1
14	22	0	0
15	22	0	0
16	22	0	0
17	19	0	3

The results of SCST voting:

<b>Proposal #</b>	<b>SCST Yes Votes</b>	<b>SCST No Votes</b>	<b>SCST Abstentions</b>
1	73	5	13
2	84	1	6
3	81	6	4
4	84	0	7
5	83	0	8
6	83	0	8
7	86	0	5

8	85	2	4
9	85	2	4
10	68	18	5
11	66	21	4
12	71	13	7
13	69	13	9
14	81	3	7
15	80	6	5
16	85	2	4
17	52	15	24

Final combined AOSA and SCST voting results:

Proposal #	AOSA % Pass	SCST % Pass	AOSA/SCST Supermajority	Passed
1	94.7%	93.6%	188.33	Yes
2	100.0%	98.8%	198.82	Yes
3	100.0%	93.1%	193.10	Yes
4	100.0%	100.0%	200.00	Yes
5	100.0%	100.0%	200.00	Yes
6	100.0%	100.0%	200.00	Yes
7	100.0%	100.0%	200.00	Yes
8	100.0%	97.7%	197.70	Yes
9	100.0%	97.7%	197.70	Yes
10	86.4%	79.1%	165.43	Yes
11	100.0%	75.9%	175.86	Yes
12	90.5%	84.5%	175.00	Yes
13	90.5%	84.1%	174.62	Yes
14	100.0%	96.4%	196.43	Yes
15	100.0%	93.0%	193.02	Yes
16	100.0%	97.7%	197.70	Yes
17	100.0%	77.6%	177.61	Yes

\*Rules are voted on by one member from each Official Laboratory of the Association of Official Seed Analysts and by individual voting members of the Society of Commercial Seed Technologists (SCST) in attendance at their respective business meetings. Votes in favor and those opposed are converted to percentages based on the total number of votes cast within each respective organization. The percentage designation is then dropped and the tally from each organization is added together for a cumulative total based on 200. A two-thirds majority of the cumulative tally is required to adopt a Rule proposal. To pass with two-thirds majority vote, a cumulative tally of 134 in favor out of 200 total combined points would be required.

**IV. Committee Reports**  
**A. Communications and Publications**

DaNell Jamieson presented the Communications and Publications report.

**B. RGT Board of Examiners**

Randy Collins presented the RGT Board of Examiners report.

**C. RST Board of Examiners**

Shannon Hofstadter presented the RST Board of Examiners report.

**D. Genetic Technology Committee**

Brenda Johnson presented the Genetic Technology Committee report.

**E. Handbook Committee**

Jennifer Pernsteiner presented the Handbook Committee report.

**F. Journal Committee**

DaNell Jamieson presented the Journal Committee report.

**G. Legislative Committee**

Randy Judd presented the Legislative Committee report.

**H. Liaison Committee**

Susan Reed presented the Liaison Committee report.

**I. Meeting Place**

Randy Crawl presented the Meeting Place report.

**J. Proficiency Testing Committee**

David Johnston presented the Proficiency Testing Committee report.

**K. Referee Committee**

Stan Akagi presented the Referee Committee report.

**L. Research Committee**

Sabry Elias presented the Research Committee report .

**M. Rules Committee**

Mike Stahr presented the Rules Committee report.

**N. Teaching and Training Committee**

Angie Croft presented the Teaching and Training Committee report.

**V. Research/Subcommittee Reports**

**A. Conservation/Reclamation/Tree/Shrub Subcommittee**

Randy Crawl presented the Conservation/Reclamation/Tree/Shrub subcommittee report.

**B. Cultivar Purity Subcommittee**

Jeff Prischmann presented the Cultivar Purity Subcommittee report.

**C. Flower Seed Subcommittee**

Jolan Mari presented the Flower Seed Subcommittee report.

**D. Germination and Dormancy Subcommittee**

Sabry Elias presented the Germination and Dormancy Subcommittee report.

**E. International**

DaNell Jamieson presented the International Subcommittee report.

**F. Lab Standards and Documentation Subcommittee**

Angie Rutt presented the Lab Standards and Documentation Subcommittee report.

**G. Purity Subcommittee**

Deborah Meyer presented the Purity Subcommittee report.

**H. Seed Moisture Subcommittee**

Sabry Elias presented the Seed Moisture Subcommittee report.

**I. Seed Pathology Subcommittee**

Mike Stahr presented the Seed Pathology Subcommittee report.

**J. Statistics Subcommittee**

Sabry Elias presented the Statistics Subcommittee report.

**K. Tetrazolium Subcommittee**

Aleta Meyer presented the Tetrazolium Subcommittee report.

**L. Vigor Testing Subcommittee**

Mike Stahr presented the Vigor Testing Subcommittee report.

**VI. Annual Meeting Resolution**

Randy Judd presented the Annual Meeting Resolution report.

**VII. Adjournment**

Kathleen Willey moved to adjourn the meeting. Victor Shaul seconded. Motion Carried. Meeting adjourned at 9:47 a.m.

**SCST 93RD ANNUAL BUSINESS MEETING**

**SCST Annual Business Meeting Agenda  
June 9<sup>th</sup>, 2016  
Portland, Oregon**

**I. Call to Order**

President Barbara Cleave called the meeting to order at 10:11 a.m.

**II. Anti-Trust Policy**

Barbara reviewed the anti-trust policy.

**III. Appoint Sargent-at-arms**

Barbara appointed Don Ogawa, Ron Parmely, Kyle Arvin, and Michael Aberle as Sargent-at-arms. Paul Johnson was appointed Parliamentarian.

**IV. Roll Call**

The check in list for the Joint Business meeting will be used to determine the roll call at the business meeting.

**V. Approve Agenda**

Ron Parmely moved to approve the agenda. Randy Goff seconded. Motion carried.

**VI. Approve Minutes from June 4<sup>th</sup>, 2015 Annual Business Meeting, Tampa FL**

---

Brenda Johnson moved to approve the Minutes as printed in the 2015 Annual meeting proceedings. Neal Foster seconded. Motion carried.

## **VII. Reports**

### **a. Directors-at-large**

**Steve Beals-** It has been a pleasure to have served on the SCST Board of Directors for the past 3 years. Serving on the board has given me a new appreciation for past, present, and future members. When I look back to when I started on the board in 2013, our organization was in turmoil, but we have persevered, continued on and have become what I feel is a stronger and better organization than we were before.

During the past year I have participated in the SCST conference calls and the joint AOSA/SCST conference calls. I was one of the board members that have been reviewing the monthly financials that have been provided by the Executive Director. I attended the AASCO meeting that was held in St. Louis, MO, and the ASTA meetings in Chicago, IL and Anaheim, CA.

I continue to be a Co-Chair of the SCST Seed Library with one of my employee's Brittany Stoll. She has done a great job managing the study sets that are available for loan.

Although it is the end of my term on the board, I still plan on being active in the society and will continue to promote the SCST and seed testing as a whole. I know that extra time for a seed analyst does not always come at an overabundance for many of us, but I would strongly encourage those who are reluctant to become more involved in the society to participate in committees, working groups, become a co-chair, or even serve on the board of directors. I would like to thank the board members that I have served with while my time on the board and for helping keep the organization focused on providing quality and uniform seed testing for the seed industry.

Respectfully submitted,  
Steve Beals

**DaNell Jamieson-** As my second year on the board, part of my duties as Director-at-Large, I am the US representative to CSAAC (Commercial Seed Analysts Association of Canada). I participated in CSAAC Board of Directors conference calls. Unfortunately, I was not able to attend their Annual Meeting the end of May prior to this meeting, but Pat Brownfield was our representative. As greetings from CSAAC were given to our organization earlier this week, it was mentioned that Weed Seed Order will be changing November 1, 2016. The Weed Seed Order will have prohibited weeds coming off and prohibited weeds coming on. I stress caution for reports issued in October that may now pass in November. A Seed Synergy group



---

has been form with the Executive Directors from all the Stakeholders with a directive over the next 18 months to look at what Ag Canada should look like.

I participated in conference calls and joint board meetings for SCST. I serve on Ethics Committee and the Seed Technology Journal Committee. I also worked on the Professional Member and worked on the AOSA/SCST Joint Committees.

It has been an eventful year and it has been a privilege to work with the SCST and CSAAC Boards.

Respectfully submitted,  
DaNell Jamieson

**David Johnston-** Thank you for the privilege and honor to serve and represent you as an elected Director-at-Large on the SCST Executive Board. This is the conclusion of my first year of service of a three-year term. It has been a very interesting year and very much a learning experience. You have elected a very dedicated and thoughtful team and I am honored to serve alongside them.

I have actively participated in the SCST Executive Board meetings during the past year. I also serve as the SCST Co-Chair on the Germination Committee, actively serve on the Ethics Committee, and support the excellent work of the Proficiency Committee as much as possible.

Serving on the Ethics Committee has been an excellent way to learn of the issues related to the application and proper use of the AOSA Rules, as well as the improper issuance of Report of Analysis by some members. Non-compliance to the AOSA Rules creates confusion and are a source of non-uniformity among AOSA and SCST labs. We are all admonished to follow the AOSA Rules and our SCST RST contracts and agreements as we have pledge to do in respect of all members.

During the 2015 ISTA Annual meeting, I acted as the SCST representative during a working luncheon called by the ISTA Executive Secretariat. In attendance were the ISTA Secretariat and ISTA Executive Committee members, the AOSA representative, the International Seed Federation (ISF) representative, and the representative of the European Seed Association (ESA). During this meeting I was asked several questions related to who SCST was, what is our function, and how our society differs from AOSA. Attendees were very interested and excited to learn about our organization and I was happy to represent you at this meeting.

Also during the 2015 ISTA meeting, it was pleasure to meet and visit with Jose de Barros Franca-Neto, President of the national seed analyst

---

association of Brazil. He was very appreciative of the SCST Seed Analysts Training Guide and supported having this document translated into Portuguese for expanded use by Brazilian seed analysts.

I thank my employer, Monsanto, for their support to our society and allowing me to serve in this capacity. It is my pleasure and honor to represent you, the members of SCST, and look forward to serving you in the coming year.

Respectively submitted,  
David M. Johnston, RST

**Heidi Jo Larson-** This last year has been a very busy but productive year. The year started with the intention of getting moving right away on the proficiency test and before I knew it most of the year had slipped away and my co-chair Nicolette and I managed to get it sent out in time.

After the 2015 Annual meeting in Tampa I was tasked with leading a working group to work out the details of a Laboratory Membership category. After conference calls with the working group and sending out a survey to the membership, the ideas of the working group changed. The working group came up with the idea of a laboratory accreditation directory and a self-audit. I worked closely with Neal Foster and Sharon Davidson to design the self-audit questionnaire.

I worked with Victor Vankus and the Conservation/Reclamation/Tree/Shrub subcommittee to try to increase uniformity in the natives by conducting referees to propose new rule proposals.

Monthly I participated in auditing the financials of the Society and participated in the bi-monthly Board conference calls. I also assisted in answering member questions whenever I was able.

I want to thank the membership for the opportunity to represent them and belong to such an amazing and dedicated Society.

Respectfully submitted,  
Heidi Jo Larson

**Jennifer Pernsteiner-** I thoroughly enjoyed my first year on the SCST Board of Directors. I was able to attend all SCST and Joint board conference calls. My activities on the Board of Directors this year revolved around my duties as co-chair of the Handbook committee. I re-formatted the SCST By-laws and edited the Committee Handbook. I edited the Exam Study Guide, and coordinated editing of the Seed Technology Training Manual. I also participated on the Ethics Committee and helped Barbara compile committee documents by contacting the committee chairs.

---

I would like to thank the membership for electing me again, this time to a full term on the Board of Directors and giving me the opportunity to continue to serve our organization.

Respectfully submitted,  
Jennifer Pernsteiner

**b. Vice President**

The Examination committee has had a successful year and their report has been given at the Joint Session.

I have been engaged in discussions on a very regular basis with the President and Executive Director on many issues. Barbara and I have a regularly scheduled phone call. We have spoken regarding Society administration, ethics, examinations, the roles of the Society and many other things.

This has been a very unusual meeting to me. I felt a little too busy. I didn't really get to attend all the committees and discuss all the issues like I would normally do. With my new role I find that I have responsibilities in other areas and have to learn to trust my illuminated colleagues—all the other members of the Society—to handle the technology. This is good for me—just not comfortable.

Over the last several years, particularly in the last few days, I have contemplated our position in the Seed Industry. I believe that because of our experiences as Seed Analysts and Seed Technologists serving customers in every phase of the Seed Industry, our experience is unique. We are often blamed for quality issues (please, don't shoot the messengers) and are certainly always asked to explain why the results we report are not what was expected and how that could have happened, as well as to explain the causes of quality problems. Because of being put in this position, we have had exceptional opportunities to see and learn how the industry works from many perspectives. This gives a more conceptual view and a perception that others do not have.

While “always” being the bearer of bad news and “always” having to defend our methods and results is uncomfortable, we have learned to deal with that discomfort and serve our customers in such a way that they continue to use our services.

Having said this, whenever we are questioned as a Society, our Board has committed to responding in a responsible manner and a way that would benefit those that have this unique perspective. I commit personally to acting and reacting in the way that I feel is the best for both the Society and the Seed Industry.

---

Therefore, let us go forward and use our experience to propel us into positions of influence in the Industry.

**c. President**

**1. State of the Society**

The past year was both a busy and productive time for SCST board, staff and members. SCST unveiled a joint Annual Meeting website, housing all registration and program information for the 2016 Annual Meeting in one convenient location. The past year also saw the formation of the Umbrella Organization Working Group and the Laboratory Membership Category Working Group, all the while continuing to renew and increase interaction with both industry and agency colleagues. We anticipate 2016 to build on the past year's successes, with additional membership and financial improvements, and industry-wide dialogue.

**ASTA CSS & Seed Expo December 2015**

Jess Peterson, Mike Stahr and Alan Galbreth attended the ASTA CSS & Seed Expo on behalf of SCST. Jess met with ISTA Secretary General Beni Kaufman in preparation for the upcoming AOSA/SCST/ISTA 2017 Annual Meeting in Denver, Colorado. This provided the beginning of a more open dialog between AOSA/SCST and ISTA for a more productive and organized path towards the 2017 Annual Meeting. The ASTA Seed Industry Relations Committee consisted of reports from Mike Stahr on the proposed AOSA Rule changes for 2016 and Alan Galbreth requesting a workshop for native seed testing.

**Examinations**

The SCST Board of Examiners continues to streamline the examination process, including a revamp of the certification applications.

An additional requirement of the SCST Constitution and By-Laws states that any person wishing to take the exam for a RST, CVT, CPT, RGT or CGT must be an Associate Member for 2 years prior to taking the examination.

**Industry Relations**

In January, USDA's Agricultural Marketing Service held a farewell reception in honor of Administrator Anne Alonzo. SCST Executive Director Jess Peterson presented Administrator Alonzo with a Certificate of Appreciation on behalf of SCST in grateful recognition of her outstanding dedication and valuable contributions to the seed industry. SCST will participate in multiple industry meetings in the coming months: 2016 OECD Annual Meeting, Paris, France,

---

June; 31st ISTA Congress, Tallinn, Estonia, June; ASTA 133rd Annual Convention, June; 2016 AOSCA Annual Meeting, Park City, UT, June; AASCO Annual Meeting, Kalispell, MT, July; 2016 Western Seed Conference, Kansas City, MO, November; ASTA 71st CSS Conference & ASTA 46th Soybean Research Seed Expo, Chicago, IL, December.

#### **Online Presence**

Under SCST Board directive, the association's online presence was revitalized. SCST welcomed a new joint website in addition to cultivating a social media presence through Facebook and Twitter.

The new joint website not only contains the 2016 Annual Meeting information, but also the Committee Pages, in which any technician may update their committee's page with information relevant to Association membership.

#### **The Year Ahead**

SCST will continue to build industry and stakeholder relationships, in addition to continuing dialogue with USDA and other agency officials. In 2016, SCST will remain committed to tackling uniformity issues in native grass and crop seed testing.

#### **2017 Annual Meeting**

The 2017 AOSA/SCST/ISTA Annual Meeting will be held in Denver, Colorado on June 17th – 21st at the Denver Renaissance Hotel.

## **2. Presidents report**

We have had representation at all of the US industry annual meetings this year including ASTA, AOSCA and AASCO. Board meetings have occurred every other month and have covered such items as continuing education points, ethics, progress of working groups, and uniformity. We have coordinated with AOSA and firmly established joint committees and have revised our committee handbook. It is now posted on our website. Please reference it. This document combined with the ability of committees to post on the website is meant to assist with clarifying duties and to keep members updated with activities.

I have received several requests of various nature during the course of the past year regarding how continuing education points are assigned, adherence to SCST member contracts, industry comments and concerns among other items. Please feel encouraged to continue submitting these requests. As

mentioned in the opening meeting address, communication is key to the function of our society and keeping continuity from board to board.

We have a new executive director with a background in agriculture. WSS has strengthened their staff during the course of this, making changes that improve continuity and communication year-to-year. The executive director is here to assist with our activities and facilitate conducting business. They have a basic knowledge of the seed industry. It is, however, up to us to provide the deeper knowledge of seed testing, physiology and research and to assist in their learning of how our organization functions. Our ED has come a long way. The best thing we can do: make our instructions clear to streamline their activities and prevent overload. Once again, communication is key.

Regarding our previous executive director, in the interest of the well-being of The Society, we will not take any further action regarding the activities of the previous executive director. The results of our investigation and that of the NY State Police have been delivered to the District Attorney's office to pursue further. It is time we move forward with the society and leave past history be, as there is nothing to be gained by pursuing further action. Let us proceed with a renewed on our Society and putting our house in order so it functions smoothly and with continuity.

#### **d. Executive Director Report**

##### **1. Membership Update**

RST	128
RGT	24
RST/RGT	4
RST/CGT	7
CVT	17
CGT	14
Research	6

**2. Financial update – printed copies provided**

**a. Financial Report**

**b. Budget**

Lynn Robinson moved to approve the financials as reported. Terry Dunfield seconded. Motion carried.

Victor Shaul moved to approve the Board reports. DaNell Jamieson seconded. Motion carried.

**e. Audit Committee**

**f. Committee Reports**

**i. Historian/Necrology**

Jane Penrose presented the historian/necrology report.

**ii. Ethics**

Jean Tolliver presented the ethics committee report.

**iii. Nominating**

Brad Johnson presented the nominating committee report.

**iv. Seed Library**

Steve Beals presented the seed library committee report.

Deborah Meyer moved to approve the committee reports. Brenda Johnson seconded. Motion carried.

**VIII. Old Business**

**a. Professional Membership**

Heidi moved that the Professional Membership proposed Constitution and by-laws be presented to the membership for a vote. Steve Beals seconded. Motion carried.

**IX. New Business**

**a. Self-audit**

Neal Foster moved that the self-audit be conducted on a yearly basis with the addition of a question for the respondent's name. Heidi Larson seconded. Motion carried.

**X. Other Business**

No other business was brought forward to the Society.



## **XI. Installation of new Board Members**

Quinn Gillespie and Jennifer Pernsteiner were sworn in for a three year Board of Director term.

## **XII. Announcement of next annual meeting**

The 2017 Annual meeting will be in Denver Colorado June 17th-21st, 2017 in conjunction with ISTA

## **XIII. Adjourn**

Jean Tolliver moved to adjourn the meeting. Brenda Johnson seconded. Motion carried. The meeting was adjourned at 11:19 a.m.

# **106TH ANNUAL BUSINESS MEETING OF AOSA**

## **AOSA Business Meeting 2016 Annual Meeting Minutes Portland, Oregon June 9, 2016 11:00 am PDT**

Call meeting to order: by Susan Reed at 11:24 PDT

- 8) Additions to and approval of agenda
  - a) Stanley Akagi moved to approve the agenda
  - b) Ronny Parmely seconded
  - c) Motion passed
- 9) Additions to and approval of the June 4th 2015 business meeting minutes
  - a) Read by Janine Maruschak
    - i) Janine Maruschak moved to approve the minutes
    - ii) Deborah Meyer seconded
    - iii) Motion passed
- 10) Committee Reports
  - a) Elections (Stanley Akagi)
    - i) Vice President – Mike Stahr
    - ii) Executive Board
      - (1) Victor Shaul
      - (2) Kathleen Willey
    - iii) Installation of officers and thank you to Susan and Andrae for their service on the Board.
  - b) Proposed By-Law changes (Kathleen Willey)
    - i) Presented the amendments that will be voted on in 60 days following this meeting



- 
- c) Editorial
    - i) No report
  - d) Membership (Randy Crowl)
    - i) Mike Stahr will be chair pursuant to the AOSA By-Laws
    - ii) Other members are Kathleen Willey and Ciara Clark
    - iii) Continued work on updating information and continuing education
      - (1) Pending amended by-law changes
- 11) State of the Association (Jess Peterson)
- 12) Financial Report (Jess Peterson and Janine Maruschak)
- a) \$75.00 Laboratory member increase
    - i) Victor Shaul moved to approve the increase
    - ii) Kathleen Willey seconded
    - iii) Motion passed
  - b) Budget and Financial Report
    - i) Janine Maruschak moved to approve the AOSA budget and financials
    - ii) Randy Crowl seconded
    - iii) Motion passed
- 13) Old Business
- a) Uniformity Task Force update
    - i) Sending a letter
    - ii) Working with two working groups and SCST
  - b) Contract Renewal
    - i) Has been signed
  - c) Anita Hall case
    - i) The case remains with the Assistant District Attorney. The AOSA Board will continue to follow up.
- 14) New Business
- a) Committee Changes
    - i) Most AOSA committees are now working jointly with SCST
  - b) Proficiency Test
    - i) Voluntary
    - ii) Working jointly with SCST
      - (1) Amended By-Law proposals next year
  - c) Annual Meetings
    - i) 2017
      - (1) Working with the AOSA Executive Office and ISTA
    - ii) 2018
      - (1) Raleigh, NC
    - iii) 2019
      - (1) Committee will be forming at the conclusion of the 2016 meeting
  - d) Exam
    - i) The Joint Examination Committee will work towards universal criteria for AOSA and SCST candidates to qualify to write the exam.
  - e) Changing of the gavel from Susan Reed to Randy Crowl, President 2016-2018
- 15) Adjourn
- a) Victor Shaul moved to adjourn

- b) Kathleen Willey seconded
- c) Motion passed

## COMMITTEE REPORTS

### COMMUNICATION AND PUBLICATIONS COMMITTEE

#### Communications and Public Relations Committee Report Tampa, FL 2015

The Communications and Public Relations Committee met early this week. Our major discussion was on the Joint AOSA/SCST Website. Last week a webinar was given on how to Committee Chairs or if the Committee Chair gave administrative rights to another member. Each Committee Chair or Committee Administrator was sent the links to the webinar training. We encourage each committee to post items on the Joint Website under Committee Icon. The Joint Committee Website will go live July 1, 2016 for the Committees. Our Committee will be looking at the SCST and AOSA websites to determine what should be on the Joint Website and what the Icons/Tabs should be across the top. The individual sites may contain only what is specific to each site such as the constitution and bylaw for example. You may send me (DaNell Jamieson) your thoughts on the Icons/Tabs for the Joint Website. Also we will be looking at the Discussion Dialoged discussed at long range planning. Each of you who volunteered to be on the subcommittee, please contact me (DaNell Jamieson) and we will set up a conference call the end of June/early part of July.

I would like to remind both organizations that there is no Newsletter. The Website is your means of capturing the work that we do. Information is released to the membership through the SCST Website and Emails. In regards to recapping the Annual Meeting, we did split up tasks among members present. It was greatly appreciated.

Respectfully submitted,  
DaNell Jamieson  
Harold Armstrong

### EXAMINATION COMMITTEE

#### Consolidated Examination Report

The Consolidated Exam Committee met on Monday, June 6, 2016 at 8:00 am. The newest member of the committee, Sarah Graybill of SGS, was introduced. Janine Maruschak was present to propose a collaborative effort between AOSA/SCST and CSAAC to allow the organizations to share photographs for certification exam purposes. The committee agreed to develop a material transfer agreement to facilitate the sharing of images.

---

The re-examination policy was discussed and will be revised to extend the time limit for candidates who pass a portion of the exam and wish to retake only the failed portions. The time limit will be extended to 18 months. The 6 month minimum wait time will still be enforced.

An update on newly certified analysts was given. Since the last annual meeting, AOSA has added #2 CSAs in germination and 2 in purity. SCST has added 7 CVTs and 4 RSTs.

To help facilitate administration of exams as well as grading of exams, the committee will develop a suggested format for the order and scheduling of the purity practical sections as well as an explanation and grading instruction form for scoring the seedling evaluation portion of the germination exam.

Respectfully submitted,  
Shannon Hofstadter and Johnny Zook

### **RGT BOARD OF EXAMINERS REPORT**

Our RGT BOE met this past Monday, June 6, 2016 to discuss the following topics:

1. Reviewed and drafted our new RGT/CGT written exams for AP, Trait Purity and Genetic Purity. New exams will be implemented in 2017.
2. Discussed new fees for written and practical exams. (\$50 for each).
3. Reviewed written exams, practical and re-exam applications.
4. New practical exams will be ready for distribution for 2017.
5. Reviewed list of RGT/CGT Accreditations for 2015-2016 (8 - SCST Members were recognized at Award Banquet last night).
6. Proficiency Tests for continuing education were discussed and will be working with the proficiency test committee for administering these tests to RGT/CGT technologist.
7. Discussed replacements for 2 RGT BOE members that will be stepping down at the end of the year.

The 1<sup>ST</sup> RGT/CGT written exams for 2016 will be held on July 19<sup>th</sup> in River Falls, Wisconsin. Four candidates have been approved by the board for taking the written exams. The 2<sup>nd</sup> exams will be given in December in West Lafayette, Indiana. Currently we have two candidates that have just submitted their applications for review and other candidates interested in taking the written exams in December will need to submit their applications to the SCST office by October 1, 2016.

Our board would like to thank and recognize Brenda Johnson and her Genetic Technology Realignment Committee for rewriting and publishing the New Chapter 14 study material and Heidi Larson for rewriting the Constitution and By-laws for changing the RGT/CGT requirements.

Finally, I would like to thank the following RGT Board members for serving on our board.

Sandy Seeman – Pioneer

Rachael Sondeno - Indiana Crop Improvement Association

Amanda VerHelst - SGS-North America - Brookings

Jeff Prischmann- North Dakota State Seed Department

Matt Raymond –Illinois Crop Improvement Association

Jackie Winter – Syngenta

Carol Betzel – Eurofins BioDiagnostics (this will be Carol's last year to serve on our board)

Mike Stahr – Iowa State University (this will be Mike's last year to serve on our board)

Respectfully submitted,

Randy Collins,

RGT BOE Chair

## GENETIC TECHNOLOGY COMMITTEE

### Genetic Technology Committee

The Genetic Technology has had a successful year including many significant accomplishments including the following:

1. Reviewed and updated Chapter 14 of the Seed Technologist Training Manual which was published in January of 2016. Thank you to Sandy Seeman-DuPont Pioneer, Barb Bolan-Syngenta, Carol Betzel-Eurofins BioDiagnostics, Trisha Scott, Mike Stahr-Iowa State Seed Lab, Randy Collins-Dow AgroSciences, Wendy Zillgitt-Eurofins BioDiagnostics, Anna Doornink-Eurofins BioDiagnostics, Dave Rambow-Agdia, Jamie Welch-Envirologix, Emily Dierking-Indiana Crop Improvement, and Jennifer Pernsteiner-Minnesota Crop Improvement.
2. Held Genetic Technology 5-day Super Workshop in Ames-Iowa in February 2016
3. Approved new accreditation areas of Adventitious Presence, Genetic Purity, and Trait Purity for Certified and Registered Genetic Technologists as proposed at the Long Range Planning meeting in Idaho in 2013. Thank you to the Board Members for assisting in navigating this process.
4. Held a Genetic Technology workshop for Seed Health Testing on June 4<sup>th</sup>, 2016. Thank you to the organizers Dave Rambow-Agdia, Anna Doornink-Eurofins BioDiagnostics, and Harold Armstrong-Monsanto.
5. Currently working with the Proficiency Testing Committee to develop and coordinate a more consistent and robust genetic technology proficiency program.
- 6.

Anna Doornink replaced Trisha Scott as Genetic Technology Committee co-chair in January 2016. Brad Johnson is replacing Brenda Johnson as Genetic Technology Committee co-chair in June 2016.

Respectfully Submitted,

Brenda Johnson-RGT  
Genetic Technology Co-Chair

## **HANDBOOK COMMITTEE**

### **Handbook Committee Report Tampa, FL June 8, 2016**

The Handbook Committee met on Wednesday, June 8 in Portland Oregon.

Editing of the Seed Technologist Training Manual was a major project this year, which is almost completed. We appreciate and acknowledge the assistance of committee members Anitra Walker, Kathy Mathiason, Ciara Clark, Cindy Davis and Julie Cook.

The RST/CSA Exam Study Guide was also edited this year.

Members were informed of the status of two pending handbooks that may need editing. Both the Cultivar Purity Handbook and the Purity Handbook are expected to be completed this year and committee members have volunteered to proof these when ready.

Other projects for the upcoming year are a review of the Report of Analysis Handbook to incorporate any changes that have been made to the Rules concerning reporting, and to continue to work on developing a system for control of documents.

Respectfully submitted,  
Jennifer Pernsteiner and Jeff Prischman, co-chairs

## **INTERNATIONAL COMMITTEE**

### **International Sub-Committee Report**

We failed to add the International Committee to the AOSA/SCST Annual Meeting Agenda, so the committee did not meet. DaNell Jamieson read the duties of the International Committee and commented that the Committee Handbook is posted on the SCST Website.

Respectfully submitted,  
DaNell Jamieson

## **JOURNAL COMMITTEE**

### **Seed Technology Committee Report AOSA/SCST Annual Meeting June 2016**

---

Victor Vankus was not able to attend. I am the SCST Board representative. The goal of the Seed Journal is to publish 2 issues each year. One issue has been published and the second issue is in process. The Seed Journal Committee worked on a budget and a website. The website is ready to go. The subscriptions are taken using Pay Pal. We encourage all members to subscribe to the Seed Journal. Victor would like to have more members to serve on the committee. Please contact him.

Respectfully submitted,  
DaNell Jamieson

## **LAB STANDARDS AND DOCUMENTATION COMMITTEE REPORT**

### **Lab Standards and Documentation Committee Meeting Notes June 7, 2016 Portland, OR**

The Lab Standards and Documentation Committee met Tuesday, June 7<sup>th</sup>, in Portland, OR. There were 64 people in attendance.

The meeting was opened by Angie Rutt with a welcome to all attending.

Each committee will have a webpage on the joint website, so there was a discussion on item and information to include on the committee page. Suggestions were: Past meeting topic presentation, Example pages/forms used in QMS systems, Forum or space to ask for help while working on quality systems and manuals, Links to types of quality management systems.

It was suggested to take a survey to see what topics people need help with while putting their quality manuals and quality management systems in place. Depending on the response the committee may schedule a workshop in conjunction with an annual meeting in the future.

Each year we have discussed various subjects in connection with working on a quality management system. This year's topic was Work Instructions.

There had been previous questions on writing Work Instructions and SOP's. Angie Rutt presented a brief power-point on "How to Write Work Instructions." We discussed the differences and similarities of SOP' and Work Instructions. We also discussed 9 basis steps to writing clear Work Instructions. These include knowing exactly how to do the task, writing steps with verbs or actions, writing steps in logical order, expressing steps in a positive way, etc.

We had a very good discussion and tips were shared among those present on how others have written instructions for their labs. As we worked through each basic step,

the task used as an example was to build a paper airplane. We had a few really good airplanes made.

I want to thank all attendees for their interaction during the meeting and their continued support as we plan for the needs of the committee.

Respectfully submitted,  
Angie Rutt  
Lab Standards and Documentation Committee Chair

## LEGISLATIVE COMMITTEE

### AOSA/SCST LEGISLATIVE COMMITTEE REPORT MAY 2016 CHANGES IN OR CONSIDERING CHANGES IN SEED LAWS OR REGULATIONS THIS YEAR

#### STATES REPORTING NO CHANGES

Alabama	Alaska
Arizona	Arkansas
Colorado	Connecticut
Delaware	Florida
Georgia	Hawaii
Idaho	Indiana
Kansas	Maine
Maryland	Massachusetts
Michigan	Mississippi
Missouri	Montana
Nevada	New Hampshire
New Jersey	New Mexico
New York	North Carolina
North Dakota	Ohio
Oklahoma	Oregon
Pennsylvania	Rhode Island
South Carolina	South Dakota
Tennessee	Texas
Utah	Vermont
Virginia	West Virginia
Wisconsin	Wyoming
USDA	

#### CANADA AND USA STATES REPORTING CHANGES OR PROPOSED CHANGES

**California:** John Heaton 916-654-0435



## 2015-16 Changes to the California Seed Law

Previously, dealer/buyers of planting seed were required to obtain a produce dealer's license in order to buy inventory of planting seeds. In this way the CDFA Market Enforcement Branch could administer a dispute resolution process for situations of nonpayment or non-delivery. SB 264 amended CA FAC 52332 to bring resolution of such disputes into the seed law, thus removing the need for a produce dealer's license to buy planting seeds for resale.

52332. The secretary, by regulation, may adopt all of the following:

(f) (1) (A) Establish methods and procedures, upon the recommendation of the board, for the conciliation, mediation, or arbitration of disputes between labelers and any persons concerning conformance with label statements, advertisements, **financial terms or the lack of payment by a dealer to a grower**, or other disputes regarding the quality or performance of seed. The methods and procedures shall be a mandatory prerequisite to pursuing other dispute resolution mechanisms, including, but not limited to, litigation. However, if conciliation, mediation, or arbitration proceedings are commenced under this section to resolve a controversy, the statute of limitations that applies to a civil action concerning that controversy is tolled upon commencement of conciliation, mediation, or arbitration proceedings, and until 30 days after the completion of those proceedings. As used in this subdivision, "completion of those proceedings" means the filing of a statement of agreement or nonagreement by the conciliator or mediator, or the rendering of a decision by an arbitrator or arbitration committee.

**(B) If a proceeding for the conciliation, mediation, or arbitration of a dispute between a dealer and a grower is commenced under this subdivision for conformance with the financial terms by a dealer to a grower, and the decision in the proceeding is in favor of the grower, the decision may include a provision requiring compensation to the grower for the estimated value of the seed production services a grower provides to a dealer, including, but not limited to, labor, care, and expense in growing and harvesting that product.**

**(C) If a dealer fails to comply with the financial obligations of a judgment rendered in a conciliation, mediation, or arbitration proceeding between a dealer and a grower commenced pursuant to this subdivision following the conclusion of all appeals in the proceeding, the secretary may revoke the dealer's registration and prevent the dealer from renewing his or her registration until the time the financial obligation is fulfilled.**

**Canada:** Anita Gilmer 613-773-7157

The Weed Seeds Order (WSO) of the Federal Seeds Act is being revised and is in the final stages of the Canadian regulatory change process.

<http://gazette.gc.ca/rp-pr/p1/2016/2016-01-30/html/reg1-eng.php#reg>

This change will come into effect in November of 2016. Seed imported into Canada after this date would need to meet the new standards.



---

Among other changes to the WSO, the Class 1 Prohibited Noxious list has several new species. Seed Identification resources can be accessed at <http://www.inspection.gc.ca/plants/seeds/testing-grading/fact-sheets/eng/1333136604307/1333136685768> and additional resources will be made available prior to the November 2016 coming into force.

If you have any additional questions, please don't hesitate to contact me at email: [anita.gilmer@inspection.gc.ca](mailto:anita.gilmer@inspection.gc.ca)

**Illinois:** Greg Kirbach 217-785-8212

We have not had any changes to date. There is a bill in the Senate to exempt “seed libraries” which got out of committee but will be called for a second reading with a possible amendment.

**Iowa:** Robin Pruisner 515-725-1465

Our LAW did not change, but we made a deal to keep the Iowa Seed Law as-is, by adding the following to Administrative Rules for Seed:

-----

**21—40.16(199) Seed libraries.** A qualified seed library may be a library district formed under Iowa Code section 336.2, a library board functioning under Iowa Code section 392.5, or an Iowa food bank or Iowa emergency feeding organization recognized by the Iowa department of revenue. A qualified seed library is subject to permitting by the department, but is not subject to labeling, testing and fees for giving, distributing or exchanging agricultural seed as long as all of the following apply:

1. The exchanges or distributions are made at a single location and no money is exchanged;
2. All seed is intended for planting in Iowa;
3. Individuals receive two pounds or less of seed annually;
4. The seed has not been treated with pesticide;
5. Patented, protected or propriety varieties of seed are used or included in the qualified seed library only with the permission of the patent or certificate holder, developer or owner of the intellectual property associated with the variety;
6. The certified seed status is not misused or misrepresented; and
7. The seed has not been placed under a stop sale order by the department or any other regulatory agency.

**Kentucky:** Stephen McMurry 859-257-2785

During the 2016 Legislative Session some needed additions and updates to the Kentucky Seed Law were passed by both houses and will become effective in July

2016. At this time we do not have an exact date as this has not been determined at the time of printing. Below are highlights of the changes. We will also update the regulations in the next few months to align the law changes with the regulations.

- A NEW SECTION OF KRS 250.021 TO 250.111 IS CREATED TO READ AS FOLLOWS:

- (1) No city, county, or other political subdivision of the Commonwealth shall adopt or continue in effect any ordinance, resolution, rule, or regulation regarding the registration, packaging, labeling, sale, storage, distribution, use, application, or propagation of seeds as regulated pursuant to KRS 250.021 to 250.111. Any local legislation in violation of this section is void and unenforceable.
- (2) Nothing in this section shall be construed to:
  - (a) Abrogate the planning and zoning authority granted local government pursuant to KRS Chapter 100; or
  - (b) Preempt or limit remedies available under common law or

statutes.

- THE ADDITION OF TWO DEFINITIONS:

- "Blend" means seed consisting of more than one (1) variety of a kind, each in excess of five percent (5%) by weight of the whole;
- "Brand" means a word, name, symbol, number, or design used to identify seed of one (1) person to distinguish it from seed of another person;

- THE ADDITION OF "VARIETY NOT STATED"

If the variety of those kinds generally labeled as to variety as designated in the administrative regulations promulgated under KRS 250.021 to 250.111 is not stated, the label shall show the kind and the words "Variety Not Stated" or "VNS."

- THE ADDITION OF NEW SUBSECTION FOR COOL SEASON GRASSES:

- (b) For cool season grasses, including but not limited to Kentucky bluegrass, red fescue, chewing fescue, hard fescue, tall fescue, perennial ryegrass, intermediate ryegrass, annual ryegrass, colonial bentgrass, creeping bentgrass, and mixtures of the grasses:
  1. For single kinds, the name of the kind and variety shall be listed. If the variety of those kinds generally labeled as to variety as designated in the administrative regulations promulgated under KRS 250.021 to 250.111 is not known, the label shall show the kind and the words "Variety Unknown." If the variety of those kinds generally labeled as to variety as designated in the administrative regulations promulgated under KRS 250.021 to 250.111 is not stated, the label shall show the name and the kind with the words "Variety Not Stated" or "VNS";

2. For mixtures:
    - a. The word "mix," "mixed," "mixture," or "blend" shall be stated with the name of the mixture;
    - b. The heading "Pure Seed," "Germination," or "Germ" shall be used in the proper places; and
    - c. The commonly accepted name of the kind, or kind and variety, of each agricultural seed component in excess of five percent (5%) of the whole, and the percentage by weight of pure seed shall be written in order of its predominance and in columnar form. If the variety of those kinds generally labeled as to variety as designated in the administrative regulations promulgated under KRS 250.021 to 250.111 is not stated, the label shall show the name of the kind and the word "Variety Not Stated;"
  3. The percentage by weight of crop seed;
  4. The percentage by weight of inert matter;
  5. The percentage by weight of all weed seeds;
  6. The totality of pure seed, pure seed mix, crop seed, inert matter, and weed seed described in subparagraphs 1., 2., 3., 4., and 5. of this paragraph shall total one hundred percent (100%);
  7. The name and rate of occurrence per pound of each kind of restricted noxious weed seed present;
  8. For each cool season grass seed named under subparagraphs 1. and 2. of this paragraph:
    - a. The percentage of germination, exclusive of hard seed;
    - b. The percentage of hard seed, if present;
    - c. The calendar month and year the test was completed to determine such percentages; and
    - d. The test to determine the percentage of germination shall be completed within a fifteen (15) month period immediately prior to sale, exposure for sale, or offering for sale or transportation, exclusive of the calendar month in which the test was completed ;and
  9. The name and address of the person who labeled the seed;
- QUARTERLY INSPECTION FEE CHANGED TO SEMI-ANNUAL (Potential starting date of January 2017, determined by regulation changes)

Each person who labels agricultural seed in accordance with KRS 250.041 shall obtain a labeling permit from the director and pay a semiannual~~quarterly~~ inspection fee unless labels attached to the seed containers were issued by the Kentucky Seed Improvement Association, or purchased from the director;

- THE USE OF RELABELING STICKERS FOR GERMINATION:

---

Relabeling stickers must have both the calendar month and the year the germination test was completed and the lot number that matches the existing original lot number.

**Louisiana:** Lester Cannon 225-925-4733

Louisiana increased their seed inspection fees from 0.20 / cwt to 0.25 / cwt. The annual seed dealer incense fee increased from \$100 to \$150 and requires that any labeler of seed in Louisiana must have a seed dealer license.

**Minnesota:** Clifford Watrin 651-201-6531

MN Seed Law Changes Summary 2015

- Section 21.81: subdivision 1a. “Address” means the complete primary address of the labeler or the person or firm selling seed. A complete address includes the street address, post office box, or rural route, and city, state, and zip or postal code.
- Subdivision 27a. “Total viable” means the sum of the germination percentage, plus hard seeds, dormant seeds, or both.
- Section 21.82: Reword subd. 2 (i) (3). To allow the use of “Total Viable” instead of lengthy former phrase, to better fit on seed label. “Total Viable” is the more accurate and technically correct terminology, in addition to being much shorter.
- Section 21.82: Reword subd. 4 (b). To make the standard for determining the accuracy of corn relative maturity claims be comparative by the Minnesota Agricultural Experiment Station. Previous language tied this to specific and obsolete corn maps. New language: “Must be within three days of maturity ratings determined in comparative trials by the Minnesota Ag. Experiment Station Trials.
- Subdivision (15): Adds language to allow the Ag Commissioner to update lists of prohibited and noxious weed seeds and the allowable rate of occurrence of restricted noxious weed seeds. Previously, changes to this list required going through the rule making process.
- Section 21.85: Subd. 2 addition: Clarifies that AOSA (Association of Official Seed Analysts) rules are used on official samples. Current practice, adds clarity.
- Section 21.87: Exemption. Local non-monetary exchanges or “Seed Libraries” are exempt from specific provisions of the seed law such as permit fees and germination testing. Allows for flexibility of groups of seed-sharers operated by garden clubs, libraries, and community organizations, but is not an automatic exemption. Provisions restricting for:
  - 1. Contains seed of patented, protected, or proprietary varieties used with permission of the patent or certificate holder of the intellectual property associated with the variety
  - 2. Have been misrepresented as certified seed
  - 3. Contain prohibited or restricted weed seeds or seeds

- 
- Section 21.891, Section 47 and 48: Fee Structure Changes. The overall goal was to increase revenue and make reporting more in line with current business practices. Last fee structure changes in 2003.

1. Change basis for agricultural seed from 5 to 7 cents per acre
2. Assess corn, soybean, and sugar beet per unit sold instead of weight
3. Move native seed from weight basis to a tiered system based on annual dollars sold
4. Raise value tiers for small packet retail seed
5. Raise annual permit from \$50 to \$75
6. Raise brand registration from \$25 to \$50 per name

- Section 21.891, Section 47 and 48: Fee Structure Changes. Summary of changes by crop type

1. Oats, wheat and barley from 6.3 to 9 cents per hundredweight (cwt).
2. Rye, field beans, buckwheat and flax from 8.4 to 12 cents per cwt.
3. Field corn from 29.4 cents per cwt to 17 cents per 80,000 seed unit.
4. Forage, lawn and turf grasses, and legumes from 49 to 69 cents per cwt.
5. Sunflower from \$1.40 to \$1.96 per cwt.
6. Sugarbeet from \$3.29 per cwt to 12 cents per 100,000 seed unit.
7. Soybean from 12 cents per cwt to 7.5 cents per 140,000 seed unit.
8. For any agricultural seed not listed in 1 to 7 above, the fee for the crop most closely resembling it in normal planting rate applies.

- Contact Robbin Lucker at Minnesota Department of Ag. concerning licensing and fee payments. Phone 651-201-6309

**Nebraska:** David Svik 402-472-8648

Here is the updated language in the NE Seed Law regarding Seed Libraries which was added in 2015.

Section 81-2,147.01 Terms Defined.

(28) Sale does not mean the donation, exchange, or other transfer of seeds to or from a seed library or among members of, or, participants in a seed library.

(30) Seed Library means a nonprofit, governmental, or cooperative organization, association, or activity for the purpose of facilitating the donation, exchange, preservation, and dissemination of seeds of open pollinated, public domain plant varieties by or among its members or members of the public when the use, exchange, transfer, or possession of seeds acquired by or from the seed library is free of any charge or consideration;

**Washington:** Victor Shaul 509-249-6950

The Washington Crucifer Quarantine was amended to include eastern Washington into

---

the regulated area, require testing for Black leg and requires the labeling of containers by the department to indicate quarantine compliance.

The Washington Bean Seed Quarantine was amended to require a third field inspection for bean seed fields under sprinkler irrigation. A negative lab test for Halo blight can be substituted for the additional inspection. The requirement of the submission of a notice of intent to indicate quarantine compliance was replaced with a requirement to attach proof of quarantine compliance with each field inspection application.

A Quality Orchard Grass Seed program was established. This is similar to Sod Quality for turf grasses. Orchard grass seed lots meeting certain high quality standards are eligible for tagging with a Washington Quality Orchard grass tag.

Respectfully submitted:  
Randy Judd Legislative Committee Chair

## PROFICIENCY TESTING COMMITTEE

### 2014-2015 Proficiency Testing Committee Report

The Proficiency Testing Committee met Tuesday, June 8, 2016 to discuss the 2015/2016 proficiency results and plans for the next year's proficiency tests.

In 2015/2016 the committee sent out a beet germ, rice germ, and a back to the basics written exercise. The results of the proficiency tests were provided during the meeting. Individual results will be emailed out to participants after the annual meeting. There was a lot of discussion about the self audit results and how they could be tied to proficiency testing.

The plan for 2016/2017 is to send out germination that can also be used to conduct a seed count on. There will also be a written exercise over the SCST Constitution and Bylaws and the Membership contracts.

The proficiency testing committee would like to thank Paul Johnson for the rice seed and Pat Brownfield for obtaining the beet seed. The committee will be sending a more detailed report of the results after the meeting.

Respectfully submitted:  
Nicolette Rusch and Heidi Jo Larson

## REFEREE COMMITTEE

### 2016 AOSA/SCST Referee Committee Report Portland

The referee committee had two conference calls and a number of emails to conduct business of the committee.

The Referee Testing Procedures and SCST Guidelines for Referee Testing were shared with the committee. Conducting referees and presenting them is a forum to implement projects related to seed testing where more than one analyst contributes. Skills of several analysts are used and collaboration occurs to further the uniformity in testing seed.

Harold Armstrong attended training on how to load referees onto the website.

Regional Co-chairs, referee presenters and individuals that had expressed interest in participating on the committee were invited to the closed referee committee meeting in Portland.

The 2016 referees and referee coordinators and or presenters were as follows:  
Region 1.

Germination Protocol for Cool-Season Native Grasses: *Elymus macrourus*, and  
*Elymus wawawaiensis* Paula Moore  
Feasibility of Discontinuing the Factoring Procedure in Fine Fescue Species  
Sabry Elias

Region 2.

Agar Media, Corn and Tomato 2015 National Referee Melissa Phillips  
Shortened Soybean Germ Nicolette Rusch presented by DaNell Jaimeson

Region 4.

Tetrazolium Testing Referee Results Michael Aberlee  
Evaluation of Physiological Necrosis of Lettuce Seedlings Donna Grubisic and  
Riad Baalbaki

Also during the presentation time Sharon Davidson gave a presentation on a grass mix study and concerns about the amount of tolerances given for mixes.

The buzz session yielded new referee projects from the regions that will be worked on during the next twelve months.

Respectfully submitted,

Harold Armstrong, SCST Co-chair and Stan Akagi, AOSA Co-chair

## RESEARCH COMMITTEE

### 2016 RESEARCH COMMITTEE REPORT Portland, OR



---

## Sabry G. Elias & Ethan Waltermire, Chairs

### Mission statement

Research committee promotes innovations in seed testing through research and development and encourages continuous training and education of seed analysts to improve seed testing methods, make it simpler, accurate, and efficient; and respond to the emerging needs of the seed industry.

The research committee includes the following Subcommittees:

- Seed Purity: Debbie Meyer and Gilbert Waibel.
- Germination and Dormancy: Riad Baalbaki and David Johnson.
- Tetrazolium Testing: Annetee Miller and Terry Freeman.
- Seed Vigor: Mike Stahr.
- Cultivar Purity, Jeff Prischmann and Chandra Carlson.
- Statistics: Sabry G. Elias and Rebekah Wagner.
- Flower Seed: Jolan Mari and Sarah Dammen.
- Conservation & Reclamation–Tree/Shrub & Natives: Victor Vankus and Heidi Larson.
- Seed Pathology. [Jessica Wilker Blake and Shannon Hofstadter.](#)
- Seed Moisture: Sabry G. Elias and Maryanne Tegen.
- Lab standards and Documentation: Angie Rutt.

The committee met on Tuesday June 7th, 10:00-11:00am in Pine II Room, Embassy Suite Hotel. The following topics were discussed:

- The attendees reviewed the mission of the Research Committee.
- Symposium this year: This year, the Research Committee organized a symposium on "Grass and Forage Production in Relation to Seed Quality". Two professors from Oregon State University and two industry leaders participated in the symposium:
  - Dr. Thomas G. Chastain, Professor of Crop Production, presented: "Plant Growth Regulators effects on seed production and quality of forage and turf seed crops."
  - Dr. David Hannaway, Professor, Forage Program Director, presented "Seeds of Sustainability".
  - Mr. Mike Baker, V.P. of Pennington Seed, presented "Grass Seed Production and Quality in Oregon: Industry Perspective"; and
  - Mr. Jake Stockfelth, presented "The Role of Seed Cleaning in Upgrading the Quality of Grass and Forage seeds".Many analysts appreciated the talks that were included in the symposium and we received a positive feedback.
- We discussed the possibility of planning another symposium next year in Denver Colorado, with possible participation of ISTA, who will share the meeting with us next year.

- Many of the subcommittee chairs participated in writing chapters in the new edition of the Seed Technologist Training Manual. Thank you for all those who contributed to this important publication.
- The attendees emphasized the importance of the fund for conducting research projects. It is an incentive for seed analysts to conduct useful research to improve seed testing methods, increase accuracy uniformity and efficiency. The attendees expressed interest to include members from the associations in the research fund committee to evaluate proposals.
- [Jessica Wilker Blake](#) and [Shannon Hofstadter](#) was selected as a Seed Pathology Subcommittee Chair, the position that was vacant for several years.
- The attendees discussed the research procedure guidelines for conducting studies. Currently there is a guideline for conducting research in the Rule committee website. It was suggested to included link in the Rule committee website, the Referee committee website, and the Research committee website, which has the same guidelines, with flexibility depending on the nature of the research.

Respectfully submitted,  
Sabry Elias and Ethan Waltermire

## RESOLUTIONS COMMITTEE

### AOSA/SCST RESOLUTIONS REPORT

Portland, OR  
June 9<sup>th</sup>, 2016

Whereas: the 106th AOSA and 93rd SCST annual meetings were held June 4th thru June 9, 2016 at the Embassy Suites Portland, Oregon. And

Whereas: the planning committee of Victor Shaul, Nancy Jones, Cindy Davis, Barbara Cleave, Jean Tolliver, Quinn Gillespie, Jane Penrose, and Sharon Davidson developed an excellent meeting agenda; and

Whereas: workshops were held on the topics of vegetable seed health and seedling evaluation; and

Whereas: the symposium on forage and grass seed quality was extremely interesting; and Whereas: the farm tour to Mountain View Seeds, EZ Orchards, Universal Seed and Rouge Brewery was educational and enjoyable; and

Whereas: an excellent array of referees, and posters were presented; and Whereas: Western Skies Strategies and other volunteers completely supported the functions of the meeting including audio-visual equipment, agenda development, and facility arrangements; and

Whereas: the information, accommodations and services were greatly appreciated by all attendees;

Therefore Be It Resolved: that the members of the Association of Official Seed Analysts, and the members of the Society of Commercial Seed Technologists and their respective boards; and the delegates and other attendees hereby agree that these meetings were very successful, and that seed analytical work was advanced through the execution of training and planning for the future at this event; and;

Be it Further Resolved: that the members of AOSA and SCST express their appreciation and sincere thanks to all committee chairs and all those who took time from their routine responsibilities to provide leadership and skills to our deliberations at this meeting; and;

Be It Further Resolved: that all in attendance express their appreciation to the following exhibitors: Agdia, Anchor Paper, Decagon Devices, Geneva Scientific, Hoffman Manufacturing, Olympus Scientific Solutions Americas, Perkin Elmer, Seedburo and;

Be It Further Resolved: that the association's presidents shall send an appropriate letter of gratitude to those individuals and organizations that provided donations and/or financial support that made this year's meeting such a pleasurable and productive event. Our gratitude is expressed to the following sponsors:

ADM, AgReliant Genetics, Alforex Seeds, Ampac Seed Company, Barbara Cleave, Central Oregon Seeds, Columbia Seeds, California Seed and Plant Labs, Hoffman Manufacturing Inc., Harold Armstrong, Harris Seeds, Hulsey Seed Laboratory, Idaho Bean Commission, Idaho Crop Improvement Association, Indiana Crop Improvement Association, IOKA Marketing, Landmark Turf and Native Seed, Lewis Seed Company, Marion Ag Service, Monsanto, Mountain View Seeds, Nebraska Crop Improvement Association, OMG Cooperative/Natural Plant Products, Oregon Seed Association, Pacific Seed Association, Parker Seeds, Sakata Seed America, Inc., Saddle Butte Ag, Seneca Foods, SGS, Simplot – Jacklin Seed Division, Smith Seed Services, Spear Envelope Co., South Dakota Crop Improvement Association, Syngenta, Venell Farms, Weaver Seeds of Oregon, and West Coast Beet Seed Co.

Be It resolved this 9th day of June, 2016.

Respectfully submitted,  
Randy Judd

## **RULES COMMITTEE**

### **AOSA Rules Committee Report June 5, 2016**

---

The 2015–2016 AOSA Rules committee includes the following members: Mike Stahr, Sue Alvarez, Ruojing Wang, Todd Erickson, Ciara Clark, Maryanne Tegen, Sabry Elias, Stan Akagi, Harold Armstrong, Steve Jones, and Debbie Meyer. Special thanks to Ernest Allen, Mike Muggli, and Brent Turnipseed, who rotated off the committee.

The Rules Committee received 17 proposals for review by the October 15 deadline. After some requested changes by the Rules chairs, the proposals were formatted and sent to the committee members for review by the first of November.

A webinar, “2015 Rules Changes,” was presented by Mike Stahr on November 5, 2015.

Mike Stahr gave a PowerPoint presentation on the Rules proposal process and also an overview of the 2016 Rule change proposals at the 2015 ASTA Seed Industry Relations Committee Meeting on December 8, 2015.

A Rules committee conference call was held on December 16, 2015. Those present included Sue Alvarez, Mike Stahr, Debbie Meyer, Stan Akagi, Harold Armstrong, Ruojing Wang, Todd Erickson, Ciara Clark and Steve Jones. The 17 proposals were discussed, and recommendations for changes to some of the proposals were considered.

Between December 16 and January 15, authors of proposals were contacted for suggested changes, and some proposals were further revised.

A total of 17 proposals were approved by the committee for publication online in February prior to voting at the 2016 annual meeting.

On May 5, 2016, Mike Stahr presented a webinar, “2016 AOSA Rules Changes Proposals.”

A closed Rules committee meeting was held on June 5, 2016, in Portland, Oregon. Members present included Mike Stahr, Sue Alvarez, Sabry Elias, Todd Erickson, Harold Armstrong, Stan Akagi, Ciara Clark, Gord Berg (standing in for Steve Jones) and Debbie Meyer.

The Open Rules meeting was held on June 8, with ten of the proposals being amended at that time.

The Rules Committee would like to thank all of the members who put forth the effort to submit proposals for the AOSA Rules.

Respectfully submitted,

Mike Stahr, AOSA chair and Sue Alvarez, SCST co-chair

---

## TEACHING AND TRAINING COMMITTEE

### Teaching and Training Committee

2016 Report

Teaching and Training is now a standing committee

2 Working groups / sub committees

With Bryce Callaghan – Webinars - Uniform format to be used on all. We have guidelines on webinar presentations.

With Melissa Phillips – Educational Resources - surveyed what people wanted - Study Hall

RST, CSA, CGT ... Study Guide is posted on the website

We had a number of webinars. Going forward we hope to have 6 a year.

October of 2015 I became Co-Chair out going Co-Chair Terry Dunfield

Angie Croft volunteered as SCST Vice-Chair about the same time. Angie will be the point of contact for TTC webpage on the SCST website.

TTC tasked with finding authors to rewrite SCST Training Manual. Happy to announce all 13 Chapters and all chapters have been sent to the HB committee. We were not involved with the Chapter for Genetic Purity Testing Publish Date will be set by WSSI, and Executive Board soon.

From TTC meeting on Sunday June 6,

- Brainstorm secession on tasks for workshops the committee is working on a flowchart and detailed process to guide workshops in the future.
- Bryce gave an update on webinars
- Terry provide and update on seed technologist training manual
- Melissa put on “Potpourri of Topics”
- Deborah Meyer gave a presentation on the program for Special Tolerances that is an executable file available on the SCST Website.

Respectfully submitted,

Patsy Jackson, AOSA Co-chair

Mary Voorhees, SCST Co-Chair

Angie Croft SCST Vice-Chair

## RESEARCH SUBCOMMITTEE REPORTS

### CONSERVATION AND RECLAMATION SPECIES/TREE & SHRUB SUBCOMMITTEE

#### Conservation & Rec / Tree & Shrub Subcommittee Report

June 6, 2016

The Conservation, Reclamation, Tree and Shrub subcommittee met June 6th.

---

Rob Fiegenger gave an update on the on the status of the Native Seed Network and the 2017 Native Seed Conference. Rob expressed the importance of the presence of AOSA and SCST at the Conference. Discussion ensued about what the presence level of our organizations would be. The groups consensus was to have a presence more in a hands out capacity with learning stations than a presentation or forum. The Native Seed Conference will be in Washington, D.C. February 13-16<sup>th</sup>, 2017.

Due to the absence of Vic Vankus, Rob also gave a history and update on the Native Seed Network and the collaboration amongst many entities.

Sharon Davidson reviewed her rule proposals for 2017 establishing PSU definitions, working weights, and TZ information for approximately 18 species. Heidi will email the rule proposals to the members of the committee for review. Sharon asked that if anyone has any additional information to provide to please contact her.

Gil Waibel reviewed a list of concerns with natives and the rules. The group discussed many of Gil's ideas such as how to deal with purities on very chaffy grasses, tolerance tables, hard seeds, and the number of seeds to test in mixtures. If interested in learning more information, please talk to Gil.

Heidi Larson gave a quick update on the tef germination referee from last year. She also updated the group and requested participation for 5 more native germination referees. If interested in participating, please inform Heidi. She also discussed sending a list of natives seeds currently being used by the BLM and the AOSCA source identified program. The purpose of this list is to determine who may have access to seed lots to conduct referees to develop rules proposals.

Discussion ensued about the possibility of having a comparison test amongst native laboratories or members of the CRTS subcommittee. The group felt that it was a great idea and that the bluestems would be a great area to start to assist Gil in obtaining data for his purity idea.

Respectfully submitted,

Vic Vankus and Heidi Larson

## **CULTIVAR PURITY SUBCOMMITTEE**

### **2016 Cultivar Purity Sub-Committee Meeting Minutes**

- The Cultivar Purity Sub-Committee Meeting was called to order at 9 am, June 7 by Co-chair Jeff Prischmann. Sign-in sheets were distributed and the agenda was approved. The minutes from last year's Cultivar Purity Sub-Committee Meeting were also reviewed.
- Dr. Sabry Elias presented information regarding changing the formula for determining the proportions of annual ryegrass and perennial ryegrass in the

pure seed component from the purity test. This is presented in a rule proposal to be voted on by the membership at the 2016 Portland Annual meeting. This presentation indicated the need to update the formula. With emergence of highly fluorescent perennial ryegrass varieties, the current formula is no longer relevant.

- Melissa Phillips presented information regarding a wheat cultivar purity referee to determine red/white wheat in a sample using NaOH or KOH that was conducted this past spring. This information suggests the potential need for a uniform test that may need to be included in the AOSA rules.
- The Cultivar Purity Handbook rewrite was also discussed. The suggested timeline for completing the revisions and submitting them to Handbook Committee for review was set for Fall 2016.
- The meeting was adjourned at 10:00am

Respectfully Submitted,  
Jeff Prischmann and Chondra Carlson, Co-Chairs

## **FLOWER SEEDLING SUBCOMMITTEE**

### **Flower Seed Committee Report Monday, June 6, 2016 8:00 am - 9:00 am Portland, Oregon**

The 2015/2016 year for the Flower Seed Committee was a challenge to find time to complete all our goals that we set for the past year. Our desire to get some of the seedling drawings in for rule proposal by the end of last year was not achieved. Regardless of this brief difficulty, co- chairs Sarah Dammen and Jolan Mari did continue to work on seedling descriptions and drawing of different families.

Presented at 2016 annual meeting was the 1st draft of Delphinium seedling drawings for Ranunculaceae family and final draft of Marigold seedlings for Asteraceae family. Going forward our focus is to finish all existing open projects to reach the deadline for rule proposals this year, before we start working on additional new families. Completing the Primulaceae, Asteraceae, and Ranunculaceae families are on our list with sending out some seedling quizzes and finishing the drawings.

Newly available web space for the Flower Seed Committee is an opportunity for improving communication with analyst interested in participating in Flower Seed Committee work.

Future ideas expressed are needs for additional seedling drawing for families of Brassicaceae, Malvaceae, and Limnaceae.

Respectfully Submitted



## GERMINATION AND DORMANCY SUBCOMMITTEE

### Report of the Germination and Dormancy Subcommittee 2016 AOSA/SCST MEETING Portland, OR June 3, 2016

**The Germination and Dormancy Subcommittee met on June 3, 2016. The following issues were covered:**

- Melissa Phillips presented the latest results of trials on the use of agar as media (substrate) in germination testing.
- David Johnston presented and discussed three proposed Rules changes related to germination.
- A follow up, summarizing the final results of the sweet corn referee conducted by Don Ogawa, was presented by Riad Baalbaki.
- A new accurate, straightforward formula for the fluorescence test was presented by Sabry Elias.
- Anette Miller discussed the definition of 'Fresh' seeds in the AOSA Rules, possible clarifications, alternatives and harmonization with ISTA. Members suggested several alternatives to the present definition. Accordingly, a AOSA Rules change proposal will be submitted for consideration by members.
- Annette Miller suggested changes to the Poaceae section of the Seedling Evaluation handbook, to reflect the fact that some genera have no mesocotyl, and therefore the structure should be considered in evaluation at the next meeting.
- Annette Miller explained that the genus Abronia, of the Nyctaginaceae Family, is a pseudomonocotyledonous species. It is critical the analysts are aware that these seedlings have only one cotyledon and this is considered normal regarding seedling evaluations.
- A summary and discussion of the lettuce referee results, conducted by Donna Grubisic, was presented by Riad Baalbaki.
- Members discussed options for reorganization of the Germination and Dormancy Subcommittee into specific areas of emphasis, and the use of the subcommittee's website to enhance its activities and facilitate communication among members.

Respectfully submitted,

David Johnston, Co-Chair; SCST  
Riad Baalbaki, Co-Chair; AOSA

## PURITY SUBCOMMITTEE

### AOSA Purity Subcommittee Annual Report

Deborah Lionakis Meyer, AOSA Chair and Gil Waibel, SCST Chair

The Purity Subcommittee submitted five rule change proposals this year. These include a proposal to harmonize with the ISTA Rules for testing fine fescue species that will also improve testing efficiency; two proposals dealing with the size and preparation of working samples for purity analysis and noxious weed seed exam; one to assign a pure seed definition for Virginia wildrye (*Elymus virginicus* L.); and a proposal to revise the mathematical formula used to determine the percentages of perennial or annual ryegrass and other crop seed based on the combination of the purity analysis results and the ryegrass fluorescence test. All proposals were adopted during the AOSA/SCST joint business meeting.

The Subcommittee posted on the Joint AOSA/SCST Website the new computer program for determining special purity tolerances for comparison of laboratory tests of seed mixtures to label claims. The program is available for general use and continued beta testing. The Subcommittee Chairs would like to thank Andrew Meyer, a recent computer science graduate from California State University Sacramento, for developing the program.

The committee met earlier this week to discuss a variety of topics including the potential need to revise working sample weights for sugar beets; standardization of terms to describe inert matter on the report of analysis; the evaluation of grass seed units that must contain a caryopsis with some degree of endosperm; possible use of the uniform blowing procedure for more species; and problems associated with testing native species including the need for wider tolerances for super chaffy species. These issues will be addressed further by the Purity Subcommittee during the next year. Many of these issues have also been passed along to the ISTA Purity Committee for consideration and potential harmonization.

We've had several inquiries regarding when to expect the Purity Testing Handbook to be published. All we can say is – hopefully soon. Preparation of the handbook has been a great tool for thoroughly reviewing all the pure seed unit definitions and their application to the species in Table 2A, as well as a review of many details of purity analyses. This work has led to numerous rule changes over the past few years and as a result has delayed the final publication in order to make many adjustments to earlier drafts of the handbook.

## SEED MOISTURE SUBCOMMITTEE

### 2016 SEED MOISTURE TESTING SUBCOMMITTEE REPORT

---

## Portland, OR

*Sabry G. Elias and Maryanne Tegen, Chairs*

The seed moisture subcommittee met on Wednesday June 8<sup>th</sup>, 1:00-2:00pm - Cedar II Room, Embassy Hotel.

Maryanne could not do it to the meeting this year. The main subject of discussion this year was the changes and additions to Seed Moisture Testing chapter 5 in the Seed Technologist Manual. The authors of the new version are: Dr. Miller McDonald, Dr. Riad Baalbaki, and Dr. Sabry Elias.

Sabry presented a Power Point presentation, highlighting the changes that were included in the new version of the Seed Technologist Manual, Chapter 5, "Seed Moisture Testing".

The main changes in the revised version of chapter 5 include the following:

- Add new seed grinding rules.
- Determine sample weight in relation to moisture container size.
- Eliminating the pre-drying requirements based on a study conducted by the authors.
- Add photos to demonstrate each step in the test.
- Add new species to Table 5. The complete Table with the new species is in the AOSA Seed Moisture Handbook, the second version, which will be issued with 6 months.
- Add data sheet as a guide to collect seed moisture tests.
- Method of reporting seed moisture content results.
- Tolerances in seed moisture.
- Calibrating the oven and thermometers.
- Choosing the oven.
- Comments on Electronic moisture meter.

The chair asked for volunteers to help in validating some of the species that was added to Table 5. Anyone would like to participate in this process, please contact one of the committee Chairs.

The attendees expressed satisfaction regarding the additions and the changes that were made. The meeting was adjourned.

**For comments or suggestions: [Sabry.elias@oregonstate.edu](mailto:Sabry.elias@oregonstate.edu) or Maryanne "Tegen, Maryanne (AGR)" [MTegen@agr.wa.go](mailto:MTegen@agr.wa.go)**

---

## SEED PATHOLOGY SUBCOMMITTEE

No report available.

## STATISTICS SUBCOMMITTEE

### 2016 STATISTICS SUBCOMMITTEE REPORT Portland, OR

*Sabry Elias and Rebekah Wager, Chairs*

#### **Mission Statement**

Provide assistance to the seed analysts in data analysis and other statistical advice in conducting research to validate and improve seed testing methods. Help educating seed analysts in principles of statistics and tolerances through conducting workshops and one-on-one advice.

The seed moisture subcommittee met on Tuesday June 7th, 8:00-9:00 am in Fir I Room, Embassy Hotel.

The following items were covered:

- Anna Doornink announcement of the 3-day SeedCalc Workshop presented by Kirk Remund and Jean-Louise Laffont to be held before the 2017 joint annual meetings of SCST-AOSA and ISTA in Denver, CO.
- Debbie Meyer presented a demonstration of the Special Tolerance Computer Program, which is currently available on AOSA/SCST websites.
- Sabry updated the members who attended the meeting on the new revised version of chapter 13 “Seed Testing Tolerances” in the Seed Technologist Manual. The authors are: Riad Z. Baalbaki, Sabry G. Elias, Lawrence O. Copeland, and Hongyu Liu. New additions and examples were included.
- Sabry briefly reviewed the following rule proposals:
  - Rule proposals 15 to clarify use of Tables 14I and 14J for all germination test components (Vol. 1).
  - Review rule proposals 16 to clarify the rounding procedure for germination test results. (Vol. 1).
  - Rule proposals 17 to replace the current AOSA formula to determine the proportions of annual and perennial ryegrass in the pure (ryegrass) seed component from the purity analysis based on the fluorescence test.
- Rebekah proposed one statistical webinar on how to establish seed testing experiment and one on tolerances.
- Sabry asked the member whether there is a need to plan for “Seed Tolerance” workshop next year. A survey to all members may be needed to make a decision.

- 
- We discussed the need for developing germination tolerance computer program. For comments, suggestions or questions, please contact the Chairs.

## **TETRAZOLIUM SUBCOMMITTEE**

### **TETRAZOLIUM SUBCOMMITTEE MEETING REPORT**

Chairs: Aleta Meyr and Terry Freeman

- **Discussion of the TZ Referee**  
Michael Aberle presented the pictures and results of the 2015-2016 TZ referee. This was a virtual referee with 22 photos of TZ stained embryos for evaluation. Participants were asked to identify Normal or Abnormal stains and reasons for the decisions. Participation was excellent and all agreed that this sort of Referee was beneficial and should be continued next year. A few suggestions were offered, photos of TZ are best taken if the stained embryo is placed in water (reduces the glare), also someone suggested that each photo have 3 different views of the same embryo.
- **Addition of Flax (Linaceae) to the TZ Handbook**  
Annette Miller presented the new TZ Handbook pages of Flax for discussion. Also Stan Akagi presented some photos of flax seed embryos which were stained using the different preparation and cutting methods. A webinar , TZ testing flax, grains, and kochia, was held in May 2016.  
  
Any new page additions for the TZ Handbook will be posted on the AOSA/SCST joint website under Resources-Tetrazolium Testing. These can be printed out and added to the existing TZ Handbook.
- **No Dormancy Breaking Treatments.**  
Aleta Meyr reminded members of a recent Rule change where the application of TZ testing would be an appropriate dormancy indicator. The author Gil Waibel was also present at the meeting so he explained some of the reasons for adding this rule. This stirred up some good discussions about dormancy and dormancy reporting.
- The TZ committee meeting was well attended and presentations and discussions were interesting.
- There will be a change in the TZ Committee starting July 2016. Annette Miller will replace Aleta Meyr as one of the Chairs and Terry Freeman will remain as the other Chair.

Respectfully Submitted: Aleta Meyr

## VIGOR SUBCOMMITTEE

### Vigor Testing Committee Report for 2016 Annual Meeting

The Vigor Testing Sub-Committee met Tuesday morning June 7 with at least 48 in attendance. Chairperson Mike Stahr began the meeting by reviewing basics of seed vigor and available vigor tests. Next publications devoted totally or partially to vigor were reviewed. In addition to the AOSA and ISTA Handbooks, Mike emphasized the many topics contained in the SCST Seed Technologist Training Manual and the value in having a copy of the newly revised manual. It was pointed out that there is a chapter on vigor testing in the ISTA Rules.

A big part of the sub-committee meeting was spent reviewing a vigor table that matches seed species with available tests found in AOSA & ISTA handbooks. The intention is that the web page that was developed for the table be placed on the AOSA and SCST web sites (or the joint site). Reviewers made suggestions for improving the web page in the weeks leading up to the annual meeting and additional suggestions were made during the committee meeting.

Time was spent making plans for Vigor Sub-Committee's future activities. A suggestion was made to check for new methods and technology related to vigor testing. This may lead to the offering of a webinar. Going a step further it was decided that a good way to further research would be to offer labs of committee members to conduct testing related to research going on at universities and member labs. The difficulty will be finding out about that research. Part of this will be gained by offering a Survey Monkey survey to committee members and others this summer. The committee will look into cooperating with the Referee Committee on vigor-related referees, with a special interest in sweet corn.

Respectfully Submitted  
Mike Stahr

## SCST COMMITTEE REPORTS

### AUDIT COMMITTEE

#### Audit Committee Report

The Audit Committee, consisting of Nicolette Rusch, Ciara Clark, and Rosie Nelson reviewed the SCST financials and found the following:

General Ledger Notes:

1. For the Wells Fargo Checking (lines 174 – 178) there was a payment on 08/18/2014 and the check deposited totaled \$1925.00. However, the total of those lines only equals \$1575. I double checked the QuickBooks file, and there is

---

an additional deposit for \$350 that posted on 8/19 that was actually part of that total deposit for \$1925. I highlighted the payment on the attached GL report for your reference. Apologies for the confusion because this deposit was entered one day later, but was actually part of the 8/18/14 deposit. The deposit is on row 181.

2. There was some concern about the late memberships coming in July, August, September, October, and November. Why was this occurring? Are you referring to late payments being made? If so, we typically send out email reminder notifications 30, 60, and 90 days past due. However, moving forward, we can also mail out hard copies of the invoices to ensure they are received, and not going to any spam or junk folders.
3. There are two line items that are for Membership Dues, but we don't know for what.
  - a. Line 120 – Membership Dues - \$175. There was no invoice associated with this payment, however, we know that it is membership income because of the amount. I am unable to pull the detail via online banking because of the old date.
  - b. Line 166 – Membership Dues - \$350. This is a deposit from AOSA because there were membership funds deposited into AOSA by mistake, so AOSA transferred the funds to SCST because the checks were supposed to have been deposited into SCST.
4. There was a question about why some Registration Fees and others are labeled 2015 Unearned Income (see lines 503 and 511). Unearned Income
  - a. Lines 539 – 556 – Deposits – 2015 Unearned Income (What is this?) Any annual meeting related income received prior to the annual meeting is recorded as unearned revenue because it is not technically earned until the meeting takes place. The meeting is in June, so funds received prior to June are recorded as a liability, and income is recognized in June when the event actually takes place. This is standard practice for accrual accounting.
5. On Line 2090 – Total - \$1,130,489.91 (Does this mean we do 1.13 million dollars of cash flow in one year?) This is not cash flow. This is simply a total of all of the credits and all of the debits for all transactions that took place within the respective dates.
6. Line Item 80 showed a membership due payment with check number 21882, but the comments noted check number 7689. Which one is correct? 21882 is correct. I updated the memo in QuickBooks and on the attached. Apologies for the typo.

#### Balance Sheet Notes

1. One Line 13 – Total Other Current Assets (of \$3023.85), we are wondering where this number comes from. This is a sum of the Annual Meeting Prepaid Expenses and the Due from AOSA accounts on rows 12 and 13. With accrual



accounting, expenses for future events are not recognized until the event takes place, similar to revenue recognition. Row 12 is SCST's portion of the total annual meeting expenses paid through May, and row 13 is AOSA's portion.

2. Assets Total does not include the grey boxed numbers as they cancel each other out, but in the Total Liabilities one grey box is included in the total. Why do they not cancel each other out? I am not sure I am seeing what you are referencing, could you please re-send the details for this question?
3. In the Trial Balance, Line 27 – Annual Meeting Revenue of \$51338.96 is shown as a Debit and not a Credit, why is that? The Annual Meeting Revenue of \$51,338.96 is 50% of the Annual Meeting revenue due to AOSA. It debits income, and credits the “Due to AOSA” account as it is the portion payable to AOSA since all Annual Meeting related transactions are run through SCST's bank account.

Thank you.

**Amended Report: All above aforementioned items have been addressed and/or cleared up. The Audit Committee finds everything to be in order.**

## ETHICS COMMITTEE

### Ethics Committee

The Ethics Committee met on Monday June 6<sup>th</sup>. The functionality of the committee was discussed as well as how and whom to submit an issue/complaint. The Ethics Committee has received three issues/complaints. Two have been closed and one is still pending. I want to thank the committee members DaNell Jamieson, Angie Croft, Angie Rutt, David Johnston, Shannon Hofstadter, and Jennifer Pernsteiner for their support. I would also like to thank Jess and Kelly Polzin for their help and support. A great appreciation is sent to Barbara Cleave for her guidance.

Respectfully Submitted;  
Jean H. Tolliver, RST

## NECROLOGY/HISTORIAN COMMITTEE

### Historian Report

I was asked to chair the SCST Historian Committee in January 2016. I have been unable to locate the whereabouts of the SCST historical records.

My goals for the next year are:

1. Continue searching for the historical records.

- 
2. Begin the task to recreate the historical documentation of our Society.
  3. Add historical information to the committee webpage.
  4. Request C&B changes to correct errors in Article 4 Section 6 Duties of Standing committees under Historian.

Respectfully submitted,  
Jane Penrose

### **Necrology Report**

I regret to inform the Society of the passing of 4 members and one friend of the Society: Evelyn Maria Vandervelden, Lois A. Hardesty, Geraldine Lindahl Ottosen, Doris V. Baxter, and Joy Darlene Hoffman.

Evelyn Maria Vandervelden, 78, a resident of the Verboort community passed away November 16, 2014 at the Jennings McCall Assisted Living Home in Forest Grove, Oregon. Evelyn was born December 05, 1935. She became a Registered Seed Technologist in 1979 in the midst of raising seven children. Evelyn oversaw the Burlinghams Seed Lab for many years and later worked for VanDyke Seed Company and Jewett Cameron Seed Company. Evelyn was very involved in her Parish. She loved seeds, plants and especially flowers. Her favorite color was pink.

Lois A. Hardesty, 71, of Normal, formerly Danvers, died August 28, 2015 at Advocate BroMenn Medical Center in Normal. Lois was born March 9, 1944 in Bloomington, daughter of Cecil and Mildred Warner Hill. She married Harold L. Hardesty on February 23, 1963 in Bloomington. She had three sons and two grandchildren. Lois received her RST in 1995 and worked at Funk Seeds-GrowMark. She enjoyed spending her free time with family and friends. She especially loved the time spent with her grandchildren.

Geraldine Lindahl Ottosen, age 96, died November 16, 2015. Gerry received her RST in 1962 and started Valley Seed Laboratory in Junction City, Oregon. She later became the owner-operator of True-Test Commercial Labs, employing and training many seed analysts in her career, including her daughter Zoe Callahan. Gerry was involved in the Society of Commercial Seed Technologists and served as SCST Secretary/Treasurer in the 1980's. She received the SCST Meritorious Service Award in 1989, the year she retired from seed testing. Gerry was very active in Oregon Women for Agriculture, serving as president in 1971-1972. She was a charter member and organizer of American Agri-Women, a national organization with roots in Oregon Women for Ag and other like organizations across the United States. Gerry was named to the executive board of the Oregon Agri-Business Council in 1976. She served on the Lane County Rural Improvement Council and the Lane County Vegetation Management Advisory Committee. She was awarded the Diamond Pioneer Award by the Oregon State University College of Agricultural Sciences in 1999. This award is given to "...honor people whose lifetime contributions to agriculture, natural resources, and the people of Oregon and/or Oregon State University have been significant."

---

It is with great sadness we announce the passing of Doris V. Baxter on November 19, 2015. Doris was born in Missouri on June 16, 1925. She received her Bachelor's degree at Kansas State University and Master's degree in Botany at the University of Michigan. Doris enhanced her seed testing skills at the Federal Field Seed Laboratory in North Brunswick, New Jersey and later transferred to the Federal Field Seed Laboratory in Sacramento, California. At that time the Sacramento laboratory was a cooperative alliance of the Federal, California State, and California Crop Improvement Association laboratories. These three organizations eventually established their own independent laboratories and Doris continued on as part of the Federal Seed Laboratory. Doris eventually advanced to the position of Analyst-in-Charge of the Federal Field Seed Laboratory in Sacramento where she taught Federal Seed Workshops and was active on many AOSA and ISTA committees until her retirement in 1982. Doris was made an Honorary Member of both AOSA and SCST. After retirement Doris realized she wanted to share her love for seed testing and more than three decades of experience with future generations of seed analysts by taking on the revision of portions of USDA Handbook No. 30, Manual for Testing Agricultural and Vegetable Seeds (considered THE authoritative reference for seed testing); originally published in 1952. As a result of her exhaustive collaborative work with Dr. Larry Copeland, we now have a new and greatly improved guidebook for seed testing entitled Seed Purity & Taxonomy containing more than 2,500 seed images, diagnostic keys and other helpful information on purity analysis and seed identification. In addition to her seed testing activities, Doris enjoyed playing the organ at church and was active in the Sacramento Organ Guild. A Memorial Service will be offered on December 15 at the First United Methodist Church, 2100 J Street, Sacramento, CA. In lieu of flowers, please send donations to any of the following: The Sacramento United Methodist Union, Endowment Fund, P.O. Box 980250, W. Sacramento, CA 95798; The First United Methodist Church Permanent Endowment Fund, 2100 J Street, Sacramento, CA 95816; UMCOR, 475 Riverside Drive, New York, NY 01115. Doris was a great teacher and wonderful person and we will miss her.

Respectfully submitted by Jim Effenberger and Deborah Meyer, California Department of Food and Agriculture, Seed Science Laboratory

Joy Darlene Pool was born January 15, 1934 in Gibbon, Nebraska to Floyd and Elizabeth. She had 5 sisters and 1 brother. Joy lived her childhood days in Nebraska. She met the love of her life, John (Al) Hoffman while roller skating in Medford, Oregon. Al and Joy married December 15, 1951 in Reno, Nevada. Joy often accompanied Al to AOSA/SCST Conventions, helping to man the Hoffman Manufacturing exhibitor booth. They have three daughters, five grandchildren and nine great grandchildren. Joy's grandchildren were the highlight of her life! There is nothing she wouldn't do for those grandchildren. Al and Joy had a wonderful life together. Joy loved fishing, entertaining, spending time with family and quilting. She was a very thoughtful person, always trying to make those around her happy. Joy was diagnosed with Alzheimer's in 2010 and passed peacefully at home on November 22, 2015.

Let us have a moment of silence to remember those we have lost.

Respectfully submitted,

Jane Penrose

## **NOMINATING COMMITTEE**

### **Nominating Committee Report**

The nominating committee of the SCST had Executive Director, Kelly Polzin send out an e-mail canvassing the membership for nominees for the office of two Director-at-large positions. The two Director-at-large positions were for three years. We received nominations for the Director-at-large positions and five agreed to serve if elected.

Ciara Clark, Ryan Kever, Jennifer Pernsteiner, Quinn Gillespie, and Desirae Jones were placed on the ballot for the Director-at-large position.

The executive director sent out the ballots and tabulated the results.

Jennifer Pernsteiner and Quinn Gillespie were elected to fill the two Director-at-large positions.

There was one nomination for Honorary Membership, which included a group of three people: Al Hoffman & Mike and Sherri Bartoz.

We would like to thank everyone for their help and cooperation.

Respectfully submitted,  
Brad Johnson, RST/RGT, Chairman

## **SEED LIBRARY COMMITTEE**

### **2016 SEED LIBRARY REPORT**

The SCST Seed Library was very active during the past year with six individuals requesting study sets multiple times throughout the year for preparation for the RST/CSA exams. There were no requests for seed samples from the seed herbarium. With the new website becoming active in July, we will try to request seed from the memberships to replenish seed for species that have minimal amounts or no seed.

Respectfully submitted,  
Brittany Stoll and Steve Beals

## **AOSA COMMITTEE REPORTS**

### **LIAISON COMMITTEE REPORT**

#### **AOSA/SCST 2016 Annual Meeting**

---

**Portland, Oregon  
Liaison Committee Meeting**

The Liaison/Affiliates Committee met Sunday, June 5, 2016, at the AOSA/SCST Annual Meeting held in Portland, OR. The following representatives attended and represented their organizations:

International Seed Testing Association (ISTA) – Joel LeChappe and Craig McGill  
Association of American Seed Control Officials (AASCO) – Jim Drews  
Association of Official Seed Certifying Agencies (AOSCA) – Randy Judd  
American Seed Trade Association (ASTA) – Pat Miller  
Commercial Seed Analysts Association of Canada (CSAAC) – Dianne Gilhuly  
Canadian Food Inspection Agency (CFIA) – Janine Maruschak  
Society of Commercial Seed Technologists (SCST) – Barbara Cleave and Dave Stimpson  
Association of Official Seed Analysts (AOSA) – Susan Reed and Randy Crowl  
Western Skies Strategies (WSS) – Jess Peterson and Kelly Fogarty

The representatives shared the activities of their organizations from the past year and resolved to continue to work together to improve seed testing and the seed industry.

Respectfully Submitted  
Susan Reed

**AUDIT REPORT**

**AOSA FINANCIAL COMMITTEE – AUDIT REPORT  
June 8, 2016**

As per the AOSA Bylaws the Financial Committee arranged for an audit of AOSA finances. The following people met on June 8 to review the financial processes and reports of AOSA:

Randy Crowl, AOSA Vice President,  
Janine Maruschak, AOSA Secretary Treasurer,  
Mike Stahr, incoming VP,  
Jess Peterson, Executive Director,  
Kristen Albers, Anton Collin Mitchell representative (ACM provides financial services as part of WSS contract) - participated in the meeting by phone  
Cindy Davis, Washington State Laboratory, AOSA member independent of the Board,

Kristen, Jess and Janine described the financial processes used by AOSA to manage finances e.g. all association bill payments routed through Bill.com with authorization required by the AOSA President prior to payment. Online view only access of all bank accounts for the Secretary Treasurer etc. Brief demonstrations of these online processes were provided to those present. Association Financial reports were reviewed

---

and discussed. There were no concerns raised by the participants during this review audit of the Association finances.

Respectfully Submitted,  
AOSA Financial Committee

## **BY-LAWS COMMITTEE**

### **AOSA BYLAWS COMMITTEE MEETING**

The AOSA Bylaws committee met June 7, 2016 in Portland, OR. There were approximately 12 people in attendance.

Six proposals were posted on the AOSA website and will be shown to the AOSA membership for voting. The proposals deal with editorial changes as well as rule definitions and committee descriptions. Member labs in good standing will have sixty (60) days after the end of the annual meeting to vote on these proposals.

Respectfully submitted,  
Kathleen Willey  
AOSA Bylaws Committee Chairperson

## **AOSA CONTINUING EDUCATION COMMITTEE**

### **AOSA Continuing Education Committee**

This AOSA committee met June 8, 2016, in Portland, OR. 12 people were in attendance.

The following items were discussed;

- How points are earned and why it is necessary to gather and/or earn 5 points over a three year period.
- Shared info with group on current point totals for all AOSA members at this time. Informed the group that the current 3 year period will end Oct. 1, 2017.
- Informed group to contact me anytime they or their lab attend an event where points can be earned. These events can be local or regional to their lab.
- Was suggested the continuing education point totals be put on the AOSA webpage so members can view them whenever. I told the group I would suggest this to the website committee and the executive board.

The meeting concluded with a few attendees requesting info about their point totals.

Respectfully,  
Kathleen Willey  
AOSA Continuing Education Points Chairperson.

---

## **AOSA MEMBERSHIP COMMITTEE**

### **AOSA Membership Committee Report June 2016**

In this past year the membership committee created a survey asking the AOSA member labs to check the directory on the website to see what information for their lab personnel needed updating. Any changes needed were passed along to the committee and then given to the executive director's office. We had a moderate amount of responses among the membership and the directory has been updated accordingly. The Committee is considering making this a yearly process.

Members of this committee are:  
Ciara Clark, North Dakota State Seed Lab  
Randy Crowl, Colorado Seed Lab

Respectfully submitted,  
Randy Crowl

## **ELECTIONS COMMITTEE**

### **2016 AOSA Election Committee Report Stan Akagi, Committee Chairman**

AOSA Elections in 2016 was for a Vice President and two Executive Board Members. Six people were nominated for Vice President and eight people were nominated for Executive Board.

Of the initial nominees submitted from the membership, again we did not get a candidate to run for Vice President. It is still very difficult getting someone to run for Vice President. Mike Stahr was set to be on the ballot as an Executive Board candidate. But he was approached to run for Vice President and switched races.

With four people running for Executive Board Member, the second place winner was a tie vote. A tie vote like this has not happened in recent history. It is rare to have a tie vote and could have been the first time ever happening in AOSA elections. Guidelines were followed by having a tie breaker election.

Finally, after starting the election process with nominations taken months ago, the voting elected Mike Stahr as Vice President, and Victor Shaul and Kathleen Willey as Executive Board Members. Congratulations to all of you!

Thank you to all who helped with the nominations and the election process this year.



## MEETING ATTENDEES

Last Name	First Name	Lab/Organization
Abdelshahid	Luma	Seed Physiology/QA/Sakata Seed America, Inc.
Aberle	Michael	Ransom Seed Lab
Adam	Dawn	DuPont Pioneer
Admana	Francis	Dow AgroSciences LLC
Akagi	Stan	Utah Dept. of Agriculture & Food
Alvarez	Sue	Ransom Seed Lab
Armstrong	Harold	Monsanto Seed Tech Center
Arvin	Kyle	Dow AgroSciences LLC
Bangalore	Geetha	Turf Tech Inc.
Bangalore	Phani	Turf Tech Inc.
Barbosa	Linda	Sakata Seed America, Inc.
Beals	Steve	Illinois Crop Improvement
Berg	Gord	Canadian Food Inspection Agency (CFIA)
Betzel	Carol	Eurofins BioDiagnostics, Inc.
Beuerlein	Johnanna	Ohio Seed Improvement Association
Brix	Kalyn	SoDak Labs
Brown	Dale	Oregon State University Seed Lab
Brownfield	Pat	ADM Edible Bean Specialties
Buis	R. Kevin	AB Seed Lab
Callighan	Bryce	Monsanto
Carrillo	David	Pure-Seed Testing, Inc.
Clark	Ciara	North Dakota State Seed Department
Cleave	Barbara	Sakata Seed America, Inc.
Collins	Randy	Dow AgroSciences LLC
Conradson	Laurie	HM Clause
Cosgrove	Karen	UK Regulatory Services
Cox	Terri	WSDA Seed Program
Croft	Angie	Growmark, Inc.
Cross	Roger	North Carolina Seed Lab
Crowl	Randy	Colorado Seed Laboratory
Curry	Dan	Oregon State University Seed Lab
Daugherty	Sandra	Alforex Seeds
Davidson	Sharon	Agri Seed Testing, Inc.
Davis	Cindy	WSDA Seed Program
Davis	Tera	Syngenta Seeds
de Nys	Betty	Kent Agri Lab

DeeDee	Dedria	GA Dep. Of Ag/Tifton Seed Lab
Demons	Marilyn	Chromatin Inc.
Dierking	Emily	Indiana Crop Improvement Association
Donaldson	Laura	Dow AgroSciences LLC
Doornink	Anna	Eurofins BioDiagnostics, Inc.
Drews	Jim	President of AASCO
Dunfield	Terry	Sakata Seeds America
Elias	Sabry	Oregon State University Seed Lab
Erickson	Todd	USDA Seed Regulatory & Testing Division
Ester	Jackie	Illinois Crop Improvement
Foley	Bob	SGS Brookings
Foster	Neal	SDCIA/SDSU Seed Lab
Franklin	Ann	Allied Seed
Franklin	John	Allied Seed
Galbreth	Alan	Indiana Crop Improvement Association
Gilbert	Caitlyn	Tangent Seed Lab International, LLC
Gilhuly	Dianne	Kent Agri Lab/CSAAC
Gillespie	Quinn	Agri Seed Testing, Inc.
Glanz	Pamela	Northwest Seed Testing, Inc.
Goff	Randy	Mustang Seeds
Graybill	Sarah	SGS Brookings
Grubisic	Donna	MD Seed Analysis
Gunter	Molly	AgReliant Genetics
Gutormson	Tim	SoDak Labs
Henrichs	Brian	Washington State University
Henricks	Rachel	Henricks Seed Lab
Hofstadter	Shannon	DuPont Pioneer
Holl	Ryan	DuPont Pioneer
Jamieson	DaNell	Eurofins BioDiagnostics, Inc.
Javier	Epifania	Incotec
Johnson	Brad	AgReliant Genetics
Johnson	Brenda	Eurofins BioDiagnostics, Inc.
Johnson	Paul	Bayer Crop Science
Johnston	David	Monsanto
Jones	Desirae	Seneca Foods
Jones	Nancy	WSDA Seed Program
Judd	Randy	Michigan Crop Improvement Association
Keeling	Jodi	Oregon State University Seed Lab
Keever	Ryan	AgReliant Genetics
Larson	Heidi Jo	SGS Brookings

Lewis	Carrie	Oregon State University Seed Lab
Madueno	Karla	Alforex Seeds
Mari	Jolan	Pan American Seed Co.
Maruschak	Janine	CFIA, Saskatoon Laboratory, SSTS
Maseda	Olga	HM Clause
McMillian	Andrae	Alabama Department of Agriculture & Industries
Merritt	Kristiaan	SC Dept. of Ag
Meyer	Deborah	California Department of Food and Agriculture
Meyr	Aleta	Ransom Seed Lab
Miller	Annette	USDA/ARS NLGRP
Miller	Marilyn	Bejo Seeds
Miranpuri	Shaminder	Wisconsin Crop Improvement Assoc.
Moore	Paula	WSDA Seed Program
Morris	Kay	Western Regional Plant Introduction Station
Mueller	Jeanna	North Dakota State Seed Department
Neumann	Karen	Germain's Seeds
Nicholas	Ken	Nicholas Seed Testing
Norvell	Chris	WSDA Seed Program
Ogawa	Don	Crookham Company
O'Leary	Richelle	Montana State Seed Lab
Osburn	Roger	Oklahoma Crop Improvement Association
Parmely	Ronny	SDSU Seed Testing Lab
Penrose	Jane	Agri Seed Testing, Inc.
Pernsteiner	Jennifer	Minnesota Crop Improvement Assn.
Peters	Brad	Bayer Vegetable Seeds
Pfiffner	Lisa	USDA-ARS Plant Introduction
Phillips	Ellen	Syngenta Seeds
Phillips	Melissa	Monsanto-Waterman
Pike	Sharon	Syngenta Seeds
Price	Robert	Seed Laboratory, CDFA
Prischmann	Jeff	North Dakota State Seed Department
Raymond	Matt	Illinois Crop Improvement
Reed	Susan	Virginia State Seed Lab
Reschly	Brent	Syngenta Seeds
Roberts	Shirley	J.G.Boswell Co.
Robinson	Lynn	Nebraska Crop Improvement Association
Robinson	Tina	Michigan Crop Improvement Association
Romero	Elissa	WSDA Seed Program
Ruiz	Bella	Sakata Seed America PNW

Rutt	Angie	AgReliant Genetics
Rygiel	Teresa	Bureau of Agriculture Environmental Laboratories Florida Dept. of Agriculture and Consumer Services
Scheer	Dani	Monsanto
Seeman	Sandy	DuPont Pioneer
Shaul	Victor	WSDA Seed Program
Sondeno	Rachael	Indiana Crop Improvement Association
Sonderby	Christine	Keystone Seed Lab
Stahr	Michael	Iowa State University Seed Lab
Stimpson	Dave	Dow AgroSciences LLC
Stoebner	Hannah	SDSU Seed Testing Lab
Stoll	Brittany	Illinois Crop Improvement
Sutardjo	Nining	Kentucky State Seed Lab
Taylor	Scott	AMM Seed Testing, Inc.
Tolliver	Jean	Syngenta Seeds
Topic	Marija	Crookham Company
Trent	Robert	Crookham Company
Ung	Ha	Inotec
Ver Helst	Amanda	SGS Brookings
Vermurlen Jr.	Kenneth	Seteco
Voorhees	Mary	Seed X Inc.
Wagner	Rebekah	Syngenta Seeds
Waibel	Gil	Indiana Crop Improvement Association
Waltermire	Ethan	Monsanto
Warren	Aileen	Seneca Foods
Westfall	Bridget	Montana State Seed Lab
Willey	Kathleen	New Mexico State Seed Lab
Wilson	Romi	Syngenta Seeds
Wood	Laura	DuPont Pioneer
Zillgitt	Wendy	Eurofins BioDiagnostics, Inc.

**SCST MERITORIOUS SERVICE AWARD, HONORARY MEMBERS,  
AND GAVEL CLUB MEMBERS**

**RECIPIENTS OF THE SCST MERITORIOUS SERVICE AWARD**

- 1965 \*James E. Benedict, Comm. Seed Lab. Silver Springs, MD  
1965 \*Joseph E. Barnes, Funk Bros. Seed Co. Bloomington, IL  
1965 \*Bertha H. DeHam, Peppard Seeds Inc. Kansas City, MO  
1965 \*Clara A. Mangelsdorf, E.F. Mangelsdorf & Bros. Inc., St. Louis, MO  
1965 Harley Reeder, Agricultural Seed Lab Phoenix, AZ  
1966 \*Gabriel E. Nutile, Asgrow Seed Company, Twin Falls, ID  
1966 Wilson Stone, Lone Star Seed Laboratory Tyler, TX  
1967 \*Verene Snell, Grace/Rudy- Patrick, Kansas City, MO  
1968 \*Mary K. Ryman, Burlington & Sons, Forest Grove, OR  
1969 \*Louise C. Baker, Baker Seed Lab, Memphis, TN  
1970 Harriet E. Marsh, MFA Milling Company Springfield, MO  
1970 \*Harold O. Thornes, Land O' Lakes Inc. Minneapolis, MN  
1971 \*W. Wells Oppel, Tereles Seed Co. Milwaukee, WI  
1972 \*Joseph T. Charmella, Rudy Patrick Co., Kansas City, MO  
1972 \*Robert G. Colborn, Colborn Seed Testing Lincoln, NE  
1972 Charles C. Gunn, Crops Research Div., SNS, USDA, Beltsville, MD  
1973 \*Charles C. Abbott, Ohio Dept of Ag Reynoldsburg, OH  
1973 \*Ivah H. Clark, Clark Seed Lab., Toronto, ON, Canada  
1974 \*Betty R. Atwater, Ransom Seed Lab., Santa Barbara, CA  
1975 Robert H. Edwards, Jr., Farmers Coop, Lavergne, TN  
1976 Frances H. Callaghan, NK Seed Co., Minneapolis, MN  
1976 \*Lucy M. Neill, Southern States Cooperative, Richmond, VA  
1978 Lloyd E. Smith, Gold Kist Research Center, Lithonia, GA  
1979 R. Jane Barris, Jacob Hartz Seed Co., Stuttgart, AR  
1980 Helen K. Farris, Pacific Seed Lab., Oakland, CA  
1980 Freida Wertman, Central Seed Lab., Escelsior, MN  
1981 Thomas Hacket, Asgrow Seed Co., Twin Falls, ID  
1981 \*Coralie Wilson, Northrup King Co., Tangent, OR  
1982 Dale Bright May Seed & Nursery Co., Shenandoah, IA  
1982 \*E. Jane Scott, Lipscomb Seed Co., Inc., Springfield, MO  
1983 \*Cecilia Kollack, Vaughn Seed Co., Downers Grove, IL  
1983 David S. McClure, Cargill Inc., Seed Division, Belmond, IA  
1984 Mary Bristol, AMM Seed Testing, Fresno, CA  
1985 Norman Kalbacken, Funk Seeds Int., Bloomington IL  
1986 Betty Butler, Southern States Cooperative, Richmond, VA  
1987 Mark Johnson, Pioneer Hi-Bred, Johnston, IA  
1988 \*Charlotte Jennings, Jennings Seed Testing St Joseph, MO  
1989 Geraldine Ottosen, True-Test Seed Lab., Junction City, OR  
1989 \*Wesley Wilcox, Funk Seeds, Int., Bloomington, IL  
1990 Paul Johnson, Northrup King, New Deal, TX  
Richard Sayers, Asgrow Seed Co., Twin Falls, ID

- 1991 Hada Lambert, Cal/West Seed Co., Woodland, CA  
 1992 Guin Jenanyan, Royal Sluis Inc., Salinas, CA  
 1992 Emma Kay, Southern States Cooperative, Richmond, VA  
 1993 \*Marie T. Greeniaus, Accu-Test Seed Lab., Rivers MB, Canada  
 1994 Aleta Meyr, Ransom Seed Lab, Carpinteria, CA  
 1995 Pat Brownfield, Rogers Seed Co., Twin Falls, ID  
 1996 Quentin Schultz, Mycogen Seeds, Prescott, WI  
 1997 Catherine Cook, Asgrow Seed Company, Ames, IA  
 1998 Nancy Vivrette, Ransom Seed Lab, Carpinteria, CA  
 1999 Dennis TeKrony, Univ. of Kentucky, Lexington, KY  
 2000 Myrta Wysong, Iowa State Seed Science Center, Ames, IA  
 2001 Sharon Davidson, Agri Seed Testing, Salem, OR  
 2002 Tim Gutormson, Mid-West Seed Services, Brookings, SD  
 2003 Loren Wiesner, USDA-ARS National Seed Storage Lab  
 2004 Barbara Cleave, Alf Christianson Seed Co., Mt. Vernon, WA  
 2005 Doug Ashton, Canadian Food Inspection Agency, Ottawa, ON, Canada  
 2006 Wayne Guerke, Georgia State Department of Agriculture, Tifton, GA  
 2007 Michael O'Neil, Pioneer Hi-Bred International, Inc.  
 2008 Barbara Atkins, STA Laboratories, Longmont, CO  
       David Stimpson, Mycogen Seeds/DowAgrosciences, Marshalltown, IA  
 2009 Diane Mesa, Syngenta Seeds, Research Triangle Park, NC  
       Norma Rossel, Johnny's Selected Seeds, Winslow, ME  
 2010 Miller McDonald, Ohio State University, Columbus, OH  
 2010 Cathy Weidmaier, SCST Secretary-Treasurer 1993-1999  
 2011 Jim Effenberger, California Department of Food & Agriculture, Sacramento, CA  
 2012 Susan, Maxon, USDA-AMS, SRTB, Gastonia, NC  
 2013 No award presented.  
 2014 Brent Reschly, Syngenta, Ames, IA  
 2015 Heidi Jo Larson, SGS, Brookings, SD  
 2016 Deborah Meyer, California Department of Food and Agriculture, Sacramento, CA

\*deceased

### SCST HONORARY MEMBERS

- 1948 \*Helen Peebles, McCullough Seed Co., Cincinnati, OH  
 1949 \*Wilbur Wright, Dominion Laboratory, Ottawa, ON  
 1950 \*Emma Sirrene, USDA, Washington, DC  
 1951 \*F.H. Hillman, USDA, Washington, DC  
 1952 \*Reginna Schulte, USDA, Washington DC  
 1953 \*Louisa Jenson, Oregon State University, Corvallis, OR  
 1954 \*Albina Musil, USDA, Hopkins, MN  
 1955 \*George Elliot, Dominion Laboratory, Ottawa, ON  
 1957 \*Eben Toole, Agr. Marketing Sv, PPI, Washington, DC  
 1958 \*Altice Carter, Seed Contr., Purdue Univ., Lafayette, IN  
 1960 \*Walter Davidson, AMS, USDA, Washington, DC



---

1961 \*Duane Isley, Iowa State University, Ames, IA  
1962 \*Bower Forward, Dept. of Ag., Toronto, ON  
1963 Oren Justice, FCAP Research, USDA, Hyattsville, MD  
1964 Leroy Everson, Iowa State University, Ames, IA  
1966 \*Merle Pierpoint, Federal State Lab, Corvallis, OR  
1967 \*Pauline Balbach, IN State Seed Lab., Lafayette, IN  
1968 R.P. Moore, North Carolina State University, Raleigh, NC  
1969 \*L.N. Bass, Mat. Seed Storage Lab., Ft. Collins, CO  
1970 Vera Colby, Federal Seed Lab., USDA, Sacramento, CA  
1971 Ed Hardin, Oregon State University, Corvallis, OR  
1972 Willard Crosier, State Ag. Exp. Station, Geneva, NY  
1973 David Syme, Sr. Anchor Paper Co., St Paul, MN  
1974 L.C. Schnberger, IN State Seed Lab., Lafayette, IN  
1975 \*Preston King, Northrup King & Co., Minneapolis, MN  
1976 E.W. Sundermeyer, NSTSL, USDA, Beltsville, MD  
1977 Elizabeth Wiseman, NSTSL, USDA, Beltsville, MD  
1978 Bonnie Jenkins, Iowa State University, Ames, IA  
1979 James DeLouche, Seed Tech. Lab., Mississippi State, MS  
1980 \*James Harrington, University of California, Davis, CA  
1981 \*B.E. Clark, NY State Ag. Exp. Station, Geneva, NY  
1982 Jeanetta Leveque, Federal Seed Lab, USDA, Montgomery, AL  
1983 Arne Wold, State Seed Testing Station, AS-NLH, Norway  
1984 Bill Dale, Agriculture Canada, Saskatoon, SK  
1985 Wendell Ditmar, Dept. of Ag., Harrisburg, PA  
1986 No award presented  
1987 Carleton Hanson, MN Crop Improvement Ass'n. St. Paul, MN  
1988 Miller McDonald, Ohio State University, Columbus, OH  
1989 Arnold Larsen, Colorado State Seed Lab., Ft. Collins, CO  
1990 Ellen Chirco, NY State Seed Lab., Geneva, NY  
1991 Jim Bruce, Colorado State Seed Lab., Ft. Collins, CO  
1992 A.B. Ednie., Agriculture Canada, Ottawa, ON  
1993 Don Ator, Texas Seed Trade Association, Pflugerville, TX  
1994 Al Hoffman, Hoffman Manufacturing, Albany, OR  
1995 \*Al Stults, Stults Engineering Springfield, IL  
1996 Paul Hall retired Wyoming State Seed Lab.  
1997 Doris Baxter retired CA Dept of Agriculture  
1998 Roger Danielson retired Oregon State University, Corvallis, OR  
1999 Greg Lowry, Idaho Society for Association Executives and AOSCA, Boise, ID  
2000 Bob Gunn  
2001 Doug Ashton, Canadian Food Insp. Agency, Ottawa, CANADA  
2002 Harold Laswell, Seed Regulatory and Testing Branch, Gastonia, NC  
2003 Susan Maxon, Seed Regulatory and Testing Branch, Gastonia, NC  
2004 Heda Lambert, retired Cal/West, Davis, CA.  
2005 Ken Allison, Canadian Food Insp. Agency, Ottawa, CANADA  
2006 No award presented  
2007 No award presented



2008 Dennis TeKrony, University of Kentucky, Lexington, KY  
 2009 Joseph Garvey, Pennsylvania State Seed Lab, Harrisburg, PA  
 2010 David Buckingham, Kentucky State Seed Regulatory Services, Lexington, KY  
 2011 Dr. Richard Payne, USDA-AMS, SRTB, Gastonia, NC  
 2012 Perry Bohn, USDA-AMS, SRTB, Gastonia, NC  
 2013 Joanne Hinke, CFIA, Saskatoon, Canada  
 2014 No award presented  
 2015 Alan Galbreth, Indiana Crop Improvement Association, Lafayette, IN  
 2016 Al Hoffman & Mike and Sherri Bartoz, Hoffman Manufacturing, Jefferson, OR  
 \*deceased

### SCST GAVEL CLUB

Past Presidents	Meeting Place
*James E. Benedict	1922 Chicago, IL 1923 Atlantic City, NJ 1924 Washington, D.C. 1925 Kansas City, MO
*Walter C. Pfaender	1926 Ithaca, NY 1927 Detroit, MI 1928 New York, NY 1929 Des Moines, IA
*Leona Holliman	1930 Cleveland, OH 1931 Toronto, ON, Canada
*Kerchival Smith	1932 Fargo, ND 1933 Chicago, IL 1934 None held
*Anton J. Zahorik	1935 Minneapolis, MN 1936 Rochester, NY 1937 Washington, D.C.
*Betty Ransom Atwater	1938 Guelph, Ontario, Canada 1939 Madison, WI
*Macy I. Spracher	1940 Auburn, AL 1941 Ames, IA
*W. Wells Opper	1942 Lexington, KY 1943 Chicago, IL
*Bertha M. DeHam	1944 Columbus, OH 1945 None held
*Gabriel E. Nutile	1946 Lansing, MI 1947 Richmond, VA 1948 Springfield IL
Wilson Stone	1949 Corvallis, OR 1950 Washington D.C.
*Joseph E. Barnes	1951 Guelph, Ontario, Canada

Katherine H. Koos	1952 Lafayette, IN
	1953 Lincoln NE
	1954 Ames, IA
*Harold O. Thornes	1955 Stillwater, OK
	1956 Sacramento, CA
*Mary E. Lamphier	1957 Baton Rouge, LA
	1958 Montreal, Quebec, Canada
Harley M. Reeder	1959 Bozeman, MT
	1960 Springfield IL
*Elva L. Norris	1961 Richmond, VA
	1962 Miami Beach, FL
*Charles C. Abbott	1963 Ft. Collins, CO
	1964 Rochester, NY
*Mary K. Ryman	1965 Lexington, KY
	1966 Vancouver, BC
*Joseph T. Charmella	1967 Madison, WI
	1968 Atlanta, GA
*Ivah H. Clark	1969 Sacramento, CA
	1970 Jefferson City MO
Robert H. Edwards	1971 Raleigh NC
	1972 Salt Lake City, UT
Lucy Neill	1973 Ottawa, Ontario, Canada
	1974 Little Rock, AR
Lloyd Smith	1975 Portland, OR
	1976 Hershey, PA
R. Jane Barris	1977 Amherst, MA
	1978 Lincoln, NE
*Coralie Wilson	1979 Saskatoon, Sask., Canada
	1980 Des Moines, IA
David McClure	1981 Orlando, FL
	1982 Corpus Christi, TX
*Cecilia Kollack	1983 Ottawa, Ontario, Canada
	1984 Boise, ID
Charlotte Jennings	1985 Richmond, VA
	1986 Minneapolis, MN
Paul Johnson	1987 Sacramento, CA
	1988 Rochester, NY
Guin Jenanyan	1989 Peoria, IL
	1990 Annapolis, MD
Quentin Schultz	1991 Lexington, KY
	1992 Oklahoma City, OK
Cathy Cook	1993 Ft. Collins, CO
	1994 Portland, OR
Travis Handwerker	1995 Sacramento, CA
	1996 Milwaukee, WI
Sharon Davidson	1997 Savannah, GA

Michael O'Neil	1998 Boise, ID
	1999 Omaha, NE
	2000 Ames, IA
Pat Brownfield	2001 Albuquerque, NM
	2002 Sioux Falls, SD
Tim Gutormson	2003 Seattle, WA
	2004 Tunica, MS
Diane Mesa	2005 Saskatoon, SK, Canada
	2006 Indianapolis, IN
Gil Waibel	2007 Cody, WY
	2008 St. Paul, MN
Doug Miller	2009 Fort Collins, CO
	2010 St. Louis
Brent Reschly	2011 Williamsburg, VA
	2012 Des Moines, IA
Neal Foster	2013 Boise, ID
	2014 Fargo, ND
Barbara Cleave	2015 Tampa, FL
	2016 Portland, OR

\*deceased  
 Gavel club is a list of the past Presidents with the year and place where they were sworn in.