



# **PROCEEDINGS AOSA/SCST**

**112<sup>th</sup> Annual Meeting of the Association of Official Seed  
Analysts, Inc.  
and  
99<sup>th</sup> Annual meeting of the Society of Commercial Seed  
Technologists, Inc.**

**Saskatoon, SK, Canada**

**June 10, 2023 – June 15, 2023**



## 2022/2023 AOSA Executive Board

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<b>Janine Maruschak, Secretary-Treasurer (2023)</b> CFIA Saskatoon Laboratory Seed Science and Technology Section Saskatoon, Saskatchewan, Canada S7N 478	Email: janine.maruschak@canada.ca Phone: (306) 385-4858
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<b>Leslie Beaty, Board Member (2023)</b> South Carolina Department of Agriculture 123 Ballard Court West Columbia, SC 29172	Email: <a href="mailto:lebeaty@scda.sc.gov">lebeaty@scda.sc.gov</a> Phone: (803) 737-9714
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## 2022/2023 SCST Executive Board

<b>President (2023)</b> <b>Steve Beals, RST</b> Illinois Crop Improvement Association 3105 Research Road Champaign, IL 61822	Email: sbeals@ilcrop.com Phone: (217) 359-4053
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<b>Director-at-Large (2024)</b> <b>Brenda Johnson, Professional Member</b> Eurofins BioDiagnostics, Inc. 507 Highland Drive River Falls, WI 54022	Email: brendajohnson@eurofinsus.com Phone: (715) 426-0246



<b>Director-at-Large (2025)</b> <b>Kathy Mathiason, RST, CGT</b> SDSU Seed Testing Lab Seed Tech 124, Box 2207-A Brookings, SD 57007	Email: <a href="mailto:katherine.mathiason@sdstate.edu">katherine.mathiason@sdstate.edu</a> Phone: (605) 688-6636
<b>Director-at-Large (2025)</b> <b>Desirae Jones, RST</b> Seneca Seeds PO Box 100 Dayton, WA 99328	Email: <a href="mailto:dejones@senecafoods.com">dejones@senecafoods.com</a> Phone: (509) 520-4870





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## 2023 AOSA/SCST Annual Meeting

### Board and Business Meeting Minutes

#### SCST Executive Board Meeting Minutes

##### SCST Executive Board Minutes

June 10, 2023

Saskatoon, SK, Canada

Call meeting to order: President Steve Beals at 1:12 pm CST.

Meeting In Person Roll Call: Steve Beals, Melissa Phillips, Neal Foster, Kathy Mathiason, Desirae Jones, Board Member-Elect Marija Topic, Jess Peterson, Kelly Polzin

Meeting Virtually Roll Call: Michael Stahr, Brenda Johnson, and Kelly Fogarty

- 1) Anti-Trust Policy
- 2) Additions to and approval of the agenda
  - a) Neal Foster moved to approve the agenda.
  - b) Kathy Mathiason seconded the motion.
  - c) SCST Board unanimously voted to approve the agenda.
- 3) Additions to and approval of the April 11<sup>th</sup>, 2023, minutes
  - a) Desirae Jones moved to approve the April 11<sup>th</sup>, 2023, minutes.
  - b) Melissa Phillips seconded the motion.
  - c) SCST Board unanimously voted to approve the minutes.
- 4) Financial Report & Budget (Jess Peterson)
  - a) Bank Balances
    - i) Wells Fargo Checking Acct: \$70,880.72
    - ii) Wells Fargo CD Acct: \$25,257.79
  - b) Accounts Receivable; was presented through the financial packet.
  - c) Accounts Payable; was presented through the financial packet.
    - i) Native Species Testing funding (Wild Species Grant) [Seed Testing Protocols - Testing Wild Seeds \(TWS\) \(wild-seeds.net\)](#)
      - (1) AOSA received funding from USDA AMS with money earmarked for the Native Species Testing.
      - (2) There are still funds in the grant at around \$800 that can be utilized. Steve and Melissa will talk to Gil Waibel about invoicing for the use of the remaining funds.
    - ii) FY24 Budget – the Budget has been prepared and reviewed.
      - (1) Melissa wants full transparency to the membership with attrition deficiency.
        - (a) Brenda suggested adding a column for projected estimate.





- (b) Kathy agreed with Melissa with full transparency.
      - (i) Steve and Neal agreed as well.
    - (c) It was agreed by the SCST Board to add a column to the budget with 2023 FY projected budget and a line item with the Hotel Attrition split 50%
  - (2) Approval of the budget
    - (a) Melissa Phillips moved to approve the budget with the modifications added as discussed and presented it to the membership at the SCST Business Meeting.
    - (b) Brenda Johnson seconded the motion.
    - (c) SCST Board unanimously voted to approve the motion.
- 5) Reports/Updates
  - a) Presidents Report (Steve Beals)
    - i) Participated in all SCST Board calls.
    - ii) Participated in all Principal calls.
    - iii) Melissa and I had several calls between ourselves in preparation for the annual meeting and future planning.
    - iv) Melissa and I met with Neal Foster and Brent Turnipseed about AOSA/SCST possible combination, why this did not work in the past.
    - v) Melissa and I met with Ernest Allen – USDA to get his thoughts on AOSA/SCST possible combination.
    - vi) Current with the SCST bills on Bill.com.
    - vii) Fielded calls from the membership throughout the last 2 months.
    - viii) Melissa, Jess, Kristen, Kelly Polzin, and Kelly Fogarty met to go over the 23/24 SCST Budget.
    - ix) Collected SCST financials for review at the Annual Meeting.
    - x) Found sergeant-at-arms for SCST Business Meeting. Asked 3 individuals to help tally the SCST Rules voting results.
    - xi) We are looking to replace open vacancies with committee chairs and co-chairs. David Johnson has been asked if he would consider the International Committee chair.
    - xii) Have been busy with everyday functions in my own lab.
  - b) Vice Presidents Report (Melissa Phillips)
    - i) Since the last board meeting, I have participated in board meeting calls, and emails. I have reviewed the monthly financials. I participated in the exam committee calls and reviewed applications for the exam. I participated in the follow up meeting with ISTA in Verona, Italy regarding harmonization opportunities between the organizations. I participated in the monthly principles calls with AOSA/SCST. Steve and I met with Ernest Allen at the USDA to understand any concerns about consolidating with AOSA.
  - c) Board Members Report



- i) Neal Foster (Corrected 06/21/23 as requested by Director Foster with the removal of the incorrect content)
  - (1) Over the past year I have attended all the SCST board meetings via Zoom. Additionally, I have participated in the ASTA SALT (Seed Ambassador Leadership Training) seminar held in conjunction with the ASTA Corn and Soybean Conference. I would highly recommend that if given the chance to participate in this workshop you take advantage of it. One of the big take home lessons that I learned from this workshop is how to listen to more than two sides to a story.
  - (2) I also participated in a conference call between the SCST President and Vice President with Brent Turnipseed and myself to review the original plan on combining the two seed testing organizations into one.
- ii) Michael Stahr
  - (1) The Seed Analyst Short Course workshop was successful as well as the exams.
- iii) Brenda Johnson (Corrected 06/20/23 as requested by Director Johnson)
  - (1) I am focused on my day job presently.
  - (2) I participated in Continuing Education and Genetic Technology meetings and BOD meetings.
  - (3) ASTA devitalization is on target for completion by the end of 2023. Summary will be provided by Maranda Gillen to the Genetic Technology committee.
- iv) Kathy Mathiason
  - (1) Since our last board meeting I attended the Rule Proposal webinar and the PCR Master Mix webinar, I proctored 1 purity exam and 1 germination exam, I attended most of the zoom committee meetings in May and gave a presentation about SCST continuing education points, I coordinated with the new AOSA CE points chair, I accepted the AOSA President's request to co-chair the Flower Committee, and I participated on Board emails.
- v) Desirae Jones
  - (1) Presented the 2023 rules proposals webinar to the membership in April and started compiling the online comments from the membership regarding the proposals. Participated in the Open Rules Discussion online in May, amendments made, and updates posted on the Rules webpage. Responded to board emails and reviewed the SCST monthly financials.
- vi) Executive Office Report (Jess Peterson)
  - (1) 2023 AOSA/SCST Annual Meeting update
    - (a) 108 total registrants (including staff, affiliates, and vendors)
      - (i) The majority utilized online registration however, there were several that chose to go the invoice route.
    - (b) 5 vendors this year--about our average
    - (c) Sponsors:



- (i) Five sponsors USDA AMS, \$5K (Bayer), \$500 (NCIA), Name Tags (Seeds Canada), and Bean Buddy Walk (SoDak Labs) (06/10/23 Corrected by President Beals to include SoDak Labs)
  - (d) 4 workshops were submitted this year with great participation to 3.
  - (e) Had a good mix of the Committees that were held virtually before the meeting and the in-person/hybrids.
  - (f) Open Rules, Referee Presentations, Research Papers, and Long-Range Planning will all be hybrid—will use these events to see how the process works with virtual attendees, items to improve, consider, etc.
- (2) AOSA/SCST Website
  - (a) With the launch of the new website in 2021, there came larger projects that have made it more than just an informational site. As we have been discussing throughout the year, we are moving more in the direction of a virtual database with a more complex network of access (aka Online Portal). More to come on the project in the joint Board meeting.
- (3) Membership Numbers
  - (a) There is a total of 280 SCST members. Of those, 6 have a dual membership. That's a small dip from 283 last year. KP received the exam results a week ago Friday and has not had a chance to incorporate all the candidates that passed. The membership category numbers will look different with 11 passing with accreditation.
  - (b) 105 RST's
  - (c) 13 CVT's
  - (d) 16 RGT's
  - (e) 8 CGT's
  - (f) 128 Associate members
  - (g) 5 Professional Members
  - (h) 5 Research Members
  - (i) There were some discrepancies between Kelly Polzin's membership list numbers and Heidi Jo Larsons Proficiency Testing list numbers. It was discussed with SCST Continuing Education Chair and Board Member Kathy Mathiason on the discrepancy. It was concluded that the list that Kathy receives from Heidi does not include any upcoming retirement whereas Kelly does not remove a member from the list until their date of retirement. It was also decided that Kelly and Heidi would compare their lists for more accuracy.
- (4) SCST Publication Sales
  - (a) There was a total profit of \$3,900.00 and a total of 13 handbooks sold. Up 2 from last year.
  - (b) 12 - 2018 Seed Technologists Training Manual
  - (c) 1 - 2018 Seed Technologists Training Manual in Spanish



(d) 0 – 2016 Chapter 14 only

(e) 0 – What is Seed Vigor CD

vii) Approval of Reports

(1) Neal Foster moved to approve the reports as given.

(2) Kathy Mathiason seconded the motion.

(3) SCST Board unanimously voted to approve the motion.

6) Old Business

a) Lab Standards and Documentation (Steve Beals & Melissa Phillips)

i) Has not had any movement currently. Will place this on the action items list once again, to complete.

b) AOSA & SCST consolidation update (Melissa Phillips)

i) This will be on the Joint AOSA/SCST Board Meeting agenda.

ii) We talked to Ernest Allen at USDA AMS, and he was supportive of the consolidation if we combined as complete and consistent as possible. We are aligned.

iii) We will move forward and present to the membership at Long Range Planning and hopefully get full support.

c) SCST Bylaw Proposals (Steve Beals)

i) Rules voting - to align with AOSA.

(1) Quinn wrote a proposal to align with AOSA and their Bylaws.

ii) Define qualifications for Genetic Exam

iii) Reduce the timeframe for Associate Member's before taking the exam.

(1) Reduce to one year instead of two.

7) New Business

a) Increase dues for dual memberships.

i) It was discussed among the Board members that are currently dual memberships (i.e., Registered & Genetic memberships) as to what would be feasible.

ii) \$600 was decided by the SCST Board.

(1) Neal Foster moved to increase the dues for dual memberships to \$600.00 starting in the fiscal year 2024-2025.

(2) Melissa Phillips seconded the motion.

(3) SCST Board unanimously voted to approve the motion.

b) The Future of SCST

i) We are trying to make SCST an association with AOSA.

c) Industry Meeting Attendance (Steve Beals)

i) ASTA Leadership Summit June 10th - 14th, Sacramento, CA

(1) I am sure there are members there, but I am not sure if we are being represented.

ii) OECD June 19th-23rd 2023, Antalya, Turkey

(1) Some companies use AOSA Rules to ship seed internationally.

(a) This is more of an AOSA need for attendance than SCST.

iii) Seeds Canada July 10th – 12th, St. John's, Newfoundland, Canada



Analyzeseeds.com

- (1) Pat Brownfield
  - (a) We need to think about succession planning when it comes to members like Pat that are representing SCST at industry meetings who are close to retirement.
- iv) AASCO July 11th - 14th, Lafayette, Indiana
  - (1) Steve will attend.
- v) ASTA Forage, Turf and Conservation Seed Conference November 1st, Kansas City, MO
  - (1) SGS will be in attendance.
- vi) ASTA Field Crop Convention December 5th-8th Orlando, FL
  - (1) BDI will be in attendance.
- vii) ASTA Vegetable & Flower Seed Conference January 27th - 31st Orlando, FL
  - (1) Steve will attend.
- d) AOSA/SCST joint Board of Directors meeting agenda items
  - i) AOSA & SCST Consolidation
  - ii) Analyzeseeds.com re-design and portal needs proposal
- e) Long Range Planning session agenda items
  - i) SCST Bylaw proposals
  - ii) AOSA & SCST Consolidation
  - iii) SCST use of Rules other than AOSA Rules (Pat Brownfield)
- f) Plan future SCST Board calls and frequency
  - i) Every other month starts in July and August at 10:00 am via Teams on the second Tuesday.
- 8) Adjourn
  - a) Neal Foster moved to adjourn.
  - b) Kathy Mathiason seconded the motion.
  - c) SCST Board unanimously voted to adjourn at 5:00 pm CST.

## AOSA Executive Board Meeting Minutes

### AOSA Executive Board Minutes

June 10, 2023

Saskatoon, SK, Canada

Call meeting to order: President Johnny Zook at 8:12 am CST.

Meeting In Person Roll Call: Johnny Zook, James Smith, Janine Maruschak, Victor Vankus, Bridget Westfall, Todd Erickson, Board Member – Elect Kyle Arvin, Jess Peterson, Kelly Polzin

Meeting Virtually Roll Call: Gordon Baldrige, Board Members – Elect Diandra Viner, Kelly Fogarty

- 1) Additions to and approval of the agenda



- a) James Smith moved to approve the agenda.
  - b) Bridget Westfall seconded the motion.
  - c) AOSA Board unanimously voted to approve the agenda.
- 2) Additions to and approval of the April 4<sup>th</sup>, 2023, call minutes
- a) Kyle Arvin moved to approve the April 4<sup>th</sup>, 2023, call minutes.
  - b) Victor Vankus seconded the motion.
  - c) AOSA Board unanimously voted to approve the minutes.
- 3) Financial Report (Jess Peterson)
- a) Bank Balances
    - i) Wells Fargo Checking Acct: \$154,345.52
    - ii) Wells Fargo CD Acct: \$25,010.00
  - b) Accounts Receivable; was presented through the financial packet.
  - c) Accounts Payable; was presented through the financial packet.
  - d) Other
    - i) Native Species Testing funding [Seed Testing Protocols - Testing Wild Seeds \(TWS\) \(wild-seeds.net\)](https://wild-seeds.net) (Victor Vankus)
      - (1) Jess Peterson mentioned that there is an account through SCST that has funds that Gil Waibel can utilize.
      - (2) USDA funds are earmarked, and it must be invoiced from Gil to track the dollars.
        - (a) Victor would like the process explained to Gil. Jess and the staff will work with Gil to get started.
      - (3) Jess presented the MOA to the AOSA Board.
        - (a) This will need to be updated as the Wild Seeds website is not up to date with current contacts nor is the MOA.
    - ii) Janine asked what the entity is categorized as? Is it incorporated or a working group?
      - (1) Bridget mentioned that we should ask Gil some of these questions before moving forward with funding.
        - (i) Victor will contact Gil and will work with him on the MOU and invoice from ISTA to AOSA for funds from the USDA dollars earmarked for this purpose.
    - iii) Fiscal year 2024 Budget
      - (1) The AOSA Executive Office goes net neutral on draft budgets with totals of net revenue of the annual meeting. Janine Maruschak and the AOSA leadership wanted the revenue split 50% with SCST except for the USDA funds as they are only under AOSA. This was reflected in the draft budget document.
      - (2) USDA funds
        - (a) The Board discussed using toward publications if there was a need.
          - (i) The Spanish Rules were mentioned as well as promotion in South America.



1. Jess Peterson displayed the ISTA country membership list for possible promotion.
    2. President Zook mentioned that we would need more sales to continue with yearly translation updates.
    3. Victor Vankus would like to build a network to promote. Janine Maruschak mentioned AOSCA, ISTA, Seed Associations of the Americas and any seed industry partners to promote via posting on the website, e-blast or even a mail out.
      - a. Jess Peterson stressed that there needs to be a clear plan to move forward as the AOSA Office will be engaged with what is put forth. We can add this to New Business to discuss.
    - (b) Todd Erickson stressed that Ernest Allen would like to see the funds used towards the Annual Meeting and not keep a balance within the account.
  - (3) ISMA (Janine Maruschak)
    - (a) No fact sheets have been submitted for payment this year. We do need to account for this and continue to contribute as we will have submissions.
      - (i) Victor mentioned that we need to have another meeting on the protocols to get things moving.
      - (ii) President Zook would like to know how many volunteers there are and maybe present this in Long-Range planning.
        1. \$200/seed with more for publications
        2. Peer reviewed before any seed fact sheet is published.
        3. Jess displayed the Seed ID website and the detailed information that is produced.
  - (4) Jess Peterson recommended passing the current budget with a clause that can be amended.
    - (a) Janine and President Zook would like some extra time to analyze the numbers and pass the budget.
    - (b) Jess recommended going with a more accurate number.
    - (c) Janine suggested that there would be a deficit but with a healthy cashflow for the upcoming year, we should be okay.
  - (5) Approval of the Budget
    - (a) The AOSA Board unanimously approved the budget as discussed with a clause of working amendments and presenting to the membership at the AOSA Business Meeting. The clause may carry amendments after the AOSA Business Meeting however, the base draft is accepted by the AOSA Board.
- 4) Reports/Updates
- a) Presidents Report (Johnny Zook)
    - i) I have participated in AOSA and AOSA/SCST Principal calls.
    - ii) I helped Pam Bridgeman and the Nominations committee. We did not have a nominee for Secretary/Treasurer.





- (1) I can appoint someone for one year and am hoping David Johnston will accept. He is going to go to the Seed Control Officials Board.
- iii) I have been working on the Bylaws and the requirement to have an AOSA chair.
  - (1) We now have a Flower subcommittee chair with Kathy Mathiason
  - (2) Lynn Robinson is now the Bylaw chair.
  - (3) I will bring this up during the joint AOSA/SCST BOD tomorrow.
  - (4) I would like to get Todd Erickson on the website as an Ex-Officio. We may need another Bylaw proposal to include an Ex-Officio on the AOSA Board of Directors. If the Ex Officio member has the same rights as normal Board members, and if we did not want the Ex Officio to have the same right we would have to have a Bylaw proposal specifying that. (Corrected 06/20/23 as requested by President Zook)
- b) Vice Presidents Report (James Smith)
  - i) I have participated in numerous AOSA/SCST principals calls during the year. I have also participated in both AOSA and AOSA/SCST board calls. I also served as the AOSA vigor co-chair this past year. We will be looking for someone to take over as that committee co-chair after this meeting as I have taken on several other duties within AOSA.
- c) Secretary/Treasurers Report (Janine Maruschak)
  - i) Financial audit
    - (1) We have a call scheduled for Monday at 11:00 am to review our findings with Kristen. We will report at the business meeting.
    - (2) Meeting scheduling and working on details
      - (a) Attrition numbers are not good, and we will have a deficit.
        - (i) I contacted Discover Saskatoon to negotiate on our behalf with hopes of a something working out to where the deficit is not as steep.
    - (3) We are working to get James as a signer on the accounts.
    - (4) We will need to connect with Kristen on getting James on Bill.com
      - (a) Johnny will look up on the bylaws for financial updates being sent to the Vice President.
- d) Board Members Report
  - i) Victor Vankus
    - (1) Handbook Committee
      - (a) Cultivar Purity now needs another update and should be done after this.
        - (i) What should we charge as a fee?
          - 1. There are a couple hundred pages.
          - 2. The board agreed on \$100.00 but it should be available by the next Board meeting for review and approval.
      - (b) We need a bylaw change to make this committee a standing committee as all handbooks are listed currently. Victor will work on this.



- (c) I would like to bring in volunteers to be taught what is done on this committee.
  - (d) Heidi Jo Larson has done a lot of work on both the TZ and Cultivar purity handbook updates.
    - (i) We may need to revisit splitting the revenue with SCST.
  - (e) The Purity Handbook already has updates. We may need to have access to the website to just the updates for all handbooks.
- ii) Bridget Westfall
  - (1) Presented the SCST operational handbook to start the AOSA side.
  - (2) Is it possible to check in on committees on participation regularly?
    - (a) On the attendance sheets we need to clarify if you would like to participate
    - (b) We need something for the possible volunteers to look at the committee's purpose and decide if they would like to be involved.
      - (i) Janine suggested placing a line on the top of the Committee list "If you would like to be involved, please contact the chair and/or co-chair.
      - (ii) Todd has been working on something similar and suggested placing it on each committee web page for volunteers.
        - 1. Victor suggested that this is updated in the bylaws but under Lab Standards and Documentation committee.
  - (3) BLM will visit in September as a requirement to be an accredited lab.
- iii) Jeanna Mueller
  - (1) Not present
- iv) Gordon Baldrige
  - (1) Not present when called upon for reporting but submitted an emailed version to the AOSA Office.
    - (a) My report is quite short and simple. This week I was able to present a proposal to the administration in hopes of compelling them to adopt the digital microscope as standard equipment in the Arkansas Department of Agriculture Seed Lab. Currently we use the magnification lamp, traditional microscope, and a small hand lens.
    - (b) I presented them with the Occupational Safety and Health Administration (OSHA), In the United States Department of Labor, finding that "Microscopes work is straining both the visual system and the musculoskeletal system. Operators are forced into an unusual exacting position, with little possibility to move the head or the body. They are often forced to assume an awkward work posture such as the head bent over the eye tubes, the upper part of the body bent forward, the hand reaching high up for a focusing control, or with the wrists bent in an unusual position."
    - (c) Most of this applies to the microscope, the magnification lamp, and the hand lens.



- (d) Fortunately, there was some money left over for this fiscal year. On Friday we placed an order for the first Tagarno Trend microscope. This included the monitor, foot switch, and measuring app.
- v) Leslie Beaty
  - (1) Not present
- vi) Todd Erickson
  - (1) 25K USDA funds are coming from our budget and not a grant this year.
  - (2) Virtual Rules committee worked well and in favor of using this going forward.
  - (3) Roger Burton has not been replaced as he has retired but we will re-advertise.
- e) Executive Office Report (Jess Peterson)
  - i) Annual Meetings
    - (1) 2023 AOSA/SCST Annual Meeting update
      - (a) 108 total registrants (including staff, affiliates, and vendors)
        - (i) The majority utilized online registration however, there were several that chose to go the invoice route.
      - (b) 5 vendors this year--about our average
      - (c) Sponsors:
        - (i) Four Five sponsors USDA AMS, \$5K (Bayer), \$500 (NCIA), Name Tags (Seeds Canada), and Bean Buddy Walk (SoDak Labs) (Corrected 06/10/23 to include SoDak Labs)
      - (d) 4 workshops were submitted this year with great participation to 3.
      - (e) Had a good mix of the Committees that were held virtually before the meeting and the in-person/hybrids.
      - (f) Open Rules, Referee Presentations, Research Papers, and Long-Range Planning will all be hybrid—will use these events to see how the process works with virtual attendees, items to improve, consider, etc.
  - ii) AOSA/SCST Website
    - (1) With the launch of the new website in 2021, there came larger projects that have made it more than just an informational site. As we have been discussing throughout the year, we are moving more in the direction of a virtual database with a more complex network of access (aka Online Portal). More to come on the project in the joint Board meeting.
  - iii) Membership Numbers
    - (1) 38 State Labs (2 labs HI & WV will be presented to the membership for a vote to move to an Allied Lab)
    - (2) 4 USDA Labs
    - (3) 1 Canadian Lab
    - (4) 5 Associate Members (2 applications from the Canadian Grain Commission will be presented to the membership for a vote to become a member) (Corrected 06/20/23 as requested by President Zook)
  - iv) AOSA Publication Sales



- (1) There was a total profit of \$17,492.50 of which is up from 2022 with \$13,883.30.  
We sold 61 Handbooks and 54 additional copy/network licenses.
  - (a) 28 - AOSA Rules Complete Set
  - (b) 4 - AOSA Rules Volume 1
  - (c) 1 - AOSA Rules Volume 2
  - (d) 1 - AOSA Rules Volume 3
  - (e) 3 - AOSA Rules Volume 4
  - (f) 1 - 2021 AOSA Rules Complete Set in Spanish
  - (g) 0 – 2021 AOSA Rules Volume 1 in Spanish
  - (h) 0 – 2021 AOSA Rules Volume 2 in Spanish
  - (i) 0 – 2021 AOSA Rules Volume 3 in Spanish
  - (j) 1 – 2021 AOSA Rules Volume 4 in Spanish
  - (k) 0 - 2016 AOSA Rules Volume 4 in Spanish
  - (l) 10 - Seed Vigor Handbook
  - (m) 4 Seed Moisture Handbook
  - (n) 5 Purity Testing Handbook
  - (o) 3 Tetrazolium Testing Handbook
- f) Approval of Reports
  - i) James Smith moved to approve the Board member reports as given.
  - ii) Bridget Westfall seconded the motion.
  - iii) AOSA Board unanimously voted to approve the motion.
- 5) Old Business
  - a) Spanish updates to the AOSA Rules (Johnny Zook)
    - i) The translator is retired and has the time to get this done. 15 cents per word for an average. He can customize based on price.
      - (1) Bridget agrees we should move forward.
      - (2) We would have to update last year and this year.
      - (3) The translator would like an electronic Word document of both the English and Spanish versions.
      - (4) Todd volunteered to get the approximate word count and bring it back to the board for approval.
  - b) AOSA/SCST Operations manual for committees' update (Bridget Westfall & Victor Vankus)
    - i) Todd will resend what he has through the Lab Standards & Documentation.
  - c) Policy to use the AOSA Rules as educational material approval (Bridget Westfall)
    - i) Janine suggested that we have a footer on the bottom of all pages of the website with a copyright disclaimer.
    - ii) Johnny questioned what the procedure would be?
      - (1) Kelly Polzin suggested sending it to the AOSA Teaching and Training Committee Chair, Anitra Walker. Once approved, Kelly could post on the committee website along with the Workshop application. Folks wanting to apply for a workshop and



use the Rules as reference could complete and send to the Committee for approval with the reference form forwarded to the AOSA Board for final approval.

- iii) The AOSA Board agreed that it will need a footer on the policy form on the procedure. Bridget will get this accomplished and the AOSA Board will vote via email.
  - d) Annual Meeting Scheduling/Program (Janine Maruschak)
    - i) Last year at the Annual Meeting, we created a virtual and hybrid list of meetings for a smaller footprint. I would like to discuss this with SCST at the joint meeting and at the Long-Range.
      - (1) I would like to have feedback on what the value is and how to move forward.
      - (2) Johnny - We need to identify what is in person and pre-meeting.
        - (a) Todd commented that the Rule Proposals as pre-meeting with the Q & A in person was great!
          - (i) Todd noted that we do need the Rules Committee either all on one day by itself or half and half. It cannot be back-to-back with another committee as it ran over in time and caused some rescheduling.
          - (b) Kelly Polzin will work with Kelly Fogarty to send a survey with a disclaimer that these meetings will rotate every year. Janine suggested that we have check boxes virtual vs in-person.
  - e) AOSA OECD Attendance (Janine Maruschak)
    - i) A meeting is held every January and June. We are currently having issues getting someone there. I would like to have a plan moving forward since Janine, Doug and Dan cannot attend anymore.
    - ii) Todd suggested that Chi Trinh would be in attendance and could answer questions but could not necessarily represent AOSA since she is there in representation of the USDA AMS.
    - iii) 5K is budgeted for travel and we should have someone from AOSA attend the business meeting.
      - (1) Create a list of AOSA lab members that can attend.
        - (a) Talk to Dan and Doug about who might be available, and it would be better if they were from a state that tag with OECD and know the scheme.
- 6) New Business
- a) AOSA/SCST joint Board of Directors meeting agenda items
    - i) AOSA & SCST Consolidation
    - ii) Analyzeseeds.com re-design and portal needs proposal
    - iii) North American and ISTA Working Group Harmonization
    - iv) Joint Committee meetings
    - v) Annual Meeting Scheduling/Program (Janine Maruschak)
    - vi) OECD meeting attendance
  - b) AOSA Long Range Planning session agenda items



- i) There were not any agenda items presented.

7) Adjourn

- a) James Smith motioned to adjourn.
- b) Bridget Westfall seconded the motion.

AOSA Board unanimously voted to adjourn at 12:22 pm CST.

## Joint AOSA/SCST Executive Board Meeting

### AOSA/SCST Joint Executive Board Minutes

June 11, 2023

Saskatoon, SK, Canada

Call meeting to order: AOSA President Johnny Zook and SCST President Steve Beals at 8:06 am CST.

Meeting in Person Roll Call: Johnny Zook, James Smith, Janine Maruschak, Victor Vankus, Bridget Westfall, Todd Erickson, AOSA Board Member – Elect Kyle Arvin, Steve Beals, Melissa Phillips, Neal Foster, Kathy Mathiason, Desirae Jones, SCST Board Members-Elect Marija Topic & Molly Richeson, Jess Peterson, Kelly Polzin

Meeting Virtually Roll Call: Gordon Baldrige, AOSA Board Members – Elect Shanne Stapleton & Diandra Viner, Michael Stahr, Brenda Johnson, Kelly Fogarty

- 1) Anti-Trust Policy
- 2) Additions to and approval of agenda
  - a) Relocate 5) Old Business e) AOSA/SCST Joint Committees to 6) New Business under a) AOSA & SCST Consolidation
  - b) James Smith moved to approve the agenda with the additions.
  - c) Bridget Westfall seconded the motion.
  - d) AOSA/SCST Board unanimously voted to approve the agenda.
- 3) Additions to and approval of the June 5<sup>th</sup>, 2022, Annual Meeting minutes.
  - a) Neal Foster moved to approve the June 5<sup>th</sup>, 2022, Annual Meeting minutes.
  - b) Victor Vankus seconded the motion.
  - c) AOSA/SCST Board unanimously voted to approve the minutes.
- 4) Reports
  - a) AOSA President (Johnny Zook)
    - i) Involved with Principal and Board calls.
    - ii) I have been working with the Nominations Committee
      - (1) Currently we do not have a secretary/treasurer and will appoint someone for a one-year term. We would then hold elections next year.
      - (2) We are following the Bylaws and trying to fill AOSA and Joint committees.
    - iii) I attended the ISTA meeting in February. This is where the idea of harmonization from Ernest Allen began.
  - b) SCST President (Steve Beals)



- i) Participated in all Principal and Board calls.
  - ii) It was unanimous with the SCST Board to work as one organization.
  - iii) The online portal should be shelved because of the deficit.
  - iv) SCST has a lot of Bylaw changes to align with the Rules voting.
- c) AOSA/SCST Executive Director (Jess Peterson)
  - i) I would like to take the opportunity to thank the leadership and boards of both AOSA and SCST for all their hard work. Also, the staff of Western Skies Strategies and all they do.
  - ii) Will have a very productive day with what is on the agenda.
  - iii) 2023 AOSA/SCST Annual Meeting update
    - (1) 108 total registrants (including staff, affiliates, and vendors)
      - (a) The majority utilized online registration however, there were several that chose to go the invoice route.
    - (2) 5 vendors this year--about our average
    - (3) Sponsors:
      - (a) Four Five sponsors USDA AMS, \$5K (Bayer), \$500 (NCIA), Name Tags (Seeds Canada), and Bean Buddy Walk (SoDak Labs) (06/26/23 Corrected by Director Molly Richeson to include SoDak Labs)
    - (4) 4 workshops were submitted this year with great participation to 3.
    - (5) Had a good mix of the Committees that were held virtually before the meeting and the in-person/hybrids.
    - (6) Open Rules, Referee Presentations, Research Papers, and Long-Range Planning will all be hybrid—will use these events to see how the process works with virtual attendees, items to improve, consider, etc.
  - iv) AOSA/SCST Website
    - (1) KP will cover this later in the agenda with a solid planning proposal with JTech.
      - (a) I would like to move forward with JTech and the membership portal.
- d) Approval of reports
  - i) Neal Foster moved to approve the reports as given.
  - ii) James Smith seconded the motion.
  - iii) AOSA/SCST Boards unanimously voted to approve the motion.
- 5) Old Business
  - a) Seedling Image Database update (David Johnston & Riad Baalbaki)
    - i) Presented a Power Point with objectives of a 5-year project.
      - (1) Build a reference image library of evaluated seedlings.
      - (2) Database design that allows use as a training tool
      - (3) Resolve many of the subjective evaluation issues to improve uniformity.
      - (4) Develop seedling images that can be integrated into the Rules.
    - ii) Database Development Overview
      - (1) A 5-year project; one year completed.
      - (2) Funds for database development from USDA; AOSA/SCST support; CDFA support
      - (3) Target: a collection of more than 5,000 (will probably be exceeded)
    - iii) The work can be divided into three areas:
      - (1) Building a database of evaluated images





- (2) Many surveys collect data.
  - (3) Analysis of survey results (Working Group) to resolve ambiguous evaluation criteria.
- iv) Expected additional outcomes:
  - (1) Integration of images into the Rules
  - (2) Provide new types of information for analysts.
- v) An example of the Seedling Database that will be integrated into analyzeseeds.com.
  - (a) How the search works with capabilities of the pictures with details.
- vi) Issues yet to be resolved.
  - (a) Integration of selected images into the rules
  - (b) Access to the database (and when to start)
  - (2) Potential additional information or outcomes
    - (a) TZ images
    - (b) Species not in the Rules
    - (c) Guide to infections
- vii) Funding was at about \$11K, Janine asked if there would be any more funds needed.
  - (a) David emphasized that everything was placed in the planning process and did not anticipate any other funds needed.
  - (b) Could be a revenue stream to offer it to ISTA.
- 1) Measurements are within the images but are not shown.
- viii) Will need a copyright with the associations on each image and will need to be decided before implementation.
- ix) The AOSA and SCST Board agreed that they were in support of the project.
- b) Analyzeseeds.com re-design and portal needs proposal (Kelly Polzin)
  - i) What is the range of price for the final product/website?
  - ii) What would it take to update the website IF we consolidate to one organization?
  - iii) Can you list or give us more detail on who has ownership of the website?
  - iv) What is the procedure for backing up data and where?
  - v) Who manages the website or what does that look like?
  - vi) Will we have a contract or is there an agreement that will be signed?
  - vii) Do we have a contract, or will there be some sort of agreement?
- c) ISTA Harmonization (Melissa Phillips)
  - i) We met in February and several Board members were present.
  - ii) It is an initiative from Ernest Allen as he will be the next ISTA president.
    - (1) He would like more communication between the organizations with the possibility of serving as ex-officio on each other's committees.
      - (a) Changes will be made with all the organizations involved.
        - (i) Testing procedures, validation, design of experiments, working sample weights, structure, and committees.
        - (ii) Some committees match up currently.
  - iii) Are we on the same page and aligned with the idea?
    - (1) Specifically with Rule proposals and duplication
      - (a) Studies and the pre-approval process with ISTA is lengthy.



- iv) Both the AOSA and SCST Boards agreed to move forward and contact the Purity Committee on sample sizes. Janine volunteered to contact the committee and form a working group.
- d) Exam Documents (Johnny Zook)
  - i) Herbarium vouchers were presented with updates. A focus was the addition of the need to provide the family designation.
    - (1) James Smith moved to approve the document with updates as written.
    - (2) Neal Foster seconded the motion.
    - (3) AOSA/SCST Board unanimously voted to approve the motion.
  - ii) Exam Info Content information changes indicated with marks in red.
    - (1) James Smith moved to approve the document with updates as written.
    - (2) Melissa Phillips seconded the motion.
    - (3) AOSA/SCST Board unanimously voted to approve the motion.
- e) AOSA/SCST Joint Committees (Johnny Zook)
  - i) Relocated to 6) New Business under a) AOSA & SCST Consolidation
- f) Annual Meeting
  - i) Scheduling/Program (Janine Maruschak)
    - (1) We are in a time of transition with planning Annual Meetings.
    - (2) SCST would like to send out a survey on what committees could/should be virtual and/or in-person. AOSA agreed and wants to list out the committees and which ones could be virtual and follow up with an in-person. Open rules were perfectly executed this year and should remain in this format.
      - (a) Molly suggested that we maybe incentivize by completing the survey.
    - (3) Have workshops but maybe change the price.
    - (4) What should be the fee for the virtual committee meetings and how do we encourage participation?
      - (a) Janine suggested having 15 virtual however, the Boards thought that would be too much.
      - (b) Neal suggested limiting the number of virtual meetings with CE points.
      - (c) Hold chairs to meaningful agendas.
      - (d) Send them out as a don't respond calendar invite from the Executive Office
      - (e) Janine suggested creating a webpage template listing chairs, participants, and projects. There would be continuity between participants and membership.
    - (5) Meeting registration
      - (a) In-person registration would get you virtual access to pre-meetings, virtual committee meetings and sessions.
      - (b) Virtual would be at a discounted rate with access to the virtual committee meetings and sessions ONLY.
      - (c) Send all registrants a do not respond or appointment calendar invite from the Executive Office
    - (6) What is needed to move forward?
      - (a) Committee chair handbook



- (b) Todd mentioned that direction will be provided to the chairs at Lab Standards and Documentation committee meeting tomorrow.
      - (i) Todd will send Kelly Polzin the information about the meeting to be sent to both memberships.
    - (c) Diandra will draft 10-20 targeted questions about the Annual Meeting scheduling/program for a survey by the end of July. She will then send to the Boards for review via Teams. Kelly Polzin will send it out to the membership.
      - (i) Be sure to include the drawing for \$100 off the next Annual Meeting registration.
    - (d) Bridget suggested creating more sponsorship opportunities.
      - (i) The planning committee needs to contact the big companies before the end of the year.
      - (ii) We will need to update the current list and send a form letter and email.
        - 1. Kelly Fogarty will send the current list to the boards and planning committee, and they will update with additions in Teams. Due back in 30 days.
  - ii) Historical Hotel Contracts (Melissa Phillips)
    - (1) The room blocks document was presented and reviewed.
      - (a) The document concludes that we have not done anything different since 2015.
        - (i) Janine mentioned that the planning committee did go to Discover Saskatoon to help with the attrition deficit. Please keep in mind that 10% is normal for this region as it was the same for the 2005 meeting.
- 6) New Business
  - a) AOSA & SCST Consolidation (Steve Beals)
    - i) SCST formed a working group consisting of 3 members volunteering to move forward with the project. AOSA had 3 members volunteer to join the working group.
      - (1) Janine suggested that we have Ernest Allen on the working group to better follow what is needed within the USDA.
    - ii) Johnny suggested that we could begin with the umbrella or USTO model.
      - (1) He explained the main parts and some of the issues with this model and why it got shelved. It was also mentioned that the AOSA Rules were in the process of being added to RUSSL - (Recommended Uniform State Seed Law).
        - (a) This was complete except for three points of which one was the SCST Ethics Committee.
          - (i) The AOSA Board agreed to consolidating the Ethics Committee with the stipulation they do not have to sign a form/policy/contract as they are considered a government entity. The committee would be situation driven.
    - iii) Steve asked if we could take out the word “regulatory” since state labs test for regulatory using the certificate as the regulatory portion?
      - (1) Johnny was not sure that the administrations would see it in that manner. Let’s be careful on how we frame it and not take the word “regulatory” out.



- (2) Melissa – When speaking to Ernest Allen, he was supportive of the consolidation and wanted the process to be complete as possible.
  - (3) Steve mentioned that we could have one board but have a regulatory committee with only AOSA. This would be a contact with USDA and the USDA funds.
    - (a) Kathy suggested on the voting of the Rules to just change the word “regulatory” and use the AOSA Committee.
      - (i) Johnny agreed this could work and satisfy the regulatory role with the committee formed to vote.
        - 1. Voting would remain as it is currently but could update the wording.
  - (4) Jess asked if this consolidation would dissolve both organizations but start a new organization with one tax id?
    - (a) Both boards agreed that yes, this would be a new entity.
- iv) Neal suggested keeping the bylaws as simple as possible and leaving the policy to the Board.
- v) Update to the membership with Steve and Johnny presenting.
  - (1) Financials
  - (2) Meeting optimization
  - (3) Membership dwindling
  - (4) 38% membership overlap
  - (5) Exam consolidated completely.
  - (6) Back office and document sharing
  - (7) Rule voting integrity
  - (8) In coordination with the USDA
  - (9) Simplify the Bylaws
- vi) AOSA/SCST Joint Committees (Johnny Zook)
  - (1) Relocated from 5) Old Business e)
  - (2) Discussed previously under 5) Old Business f) Annual Meeting i) Scheduling/Program
- b) Long Range Planning Agenda (Johnny Zook & Steve Beals)
  - i) AOSA & SCST compiled the list jointly. Steve mentioned that it is a requirement for SCST anything that is discussed at business meeting, must come from Long Range Planning
    - (1) Bylaw proposals (Quinn Gillespie)
    - (2) Use of Rules (Pat Brownfield)
    - (3) Meeting Format Survey Awareness (Molly Richeson)
      - (a) A chance to win \$100 off next year's meeting – Only one entry per person.
    - (4) Open Chair Committee request and procedure (Kathy Mathiason)
    - (5) Follow up on Chair responsibilities (Todd Erickson)
    - (6) ISTA Harmonization (Janine Maruschak)
    - (7) AOSA/SCST Consolidation Update (AOSA/SCST Presidents & Vice Presidents)

## 7) Adjourn

- a) James Smith moved to adjourn.
- b) Desirae Jones seconded the motion.
- c) All board members unanimously voted to approve the motion at 1:21 pm CST.



## Joint SCST-AOSA Long Range Planning Meeting

### Joint SCST-AOSA Long Range Planning Meeting

June 14, 2023

Saskatoon, SK, Canada

#### SCST By Law Changes- Quinn Gillespie

- Exam requirements for reinstatement of Registered & Certified Members Inactive
- Reduced time requirement for Associate membership before taking the exam, from 2 years to 1 year.
- Specification for determining the candidates time as an associate member. To be counted from the date of initial registration, rather than dues paid.
- Passing requirements for accredited courses used for points toward exam eligibility.
- Board of examiners requirements, members on the BOE should be Registered members or former Registered members. (Withdrawn by Board of Examiners 7/10/2023 by the original submitter.)
- Addition of Constitution and Bylaws amendment procedure to the Constitution and Bylaws.
- Adoption of new AOSA Rules voting procedure.
  - Rules must achieve greater than 50% in-favor votes by both memberships.
  - If SCST does not submit a vote, the changes to the Rules to be decided by a 2/3 majority of AOSA votes cast.
- Distribution of representation, if members from different companies and/or locations cannot be found, the Executive Board will make a final decision.

#### Use of Rules- Pat Brownfield

- Pat would like the option to use other official rules for testing seeds (such as the Federal Seed Act, ISTA Rules, or Canada Methods and Procedures) rather than only the AOSA Rules as an RST.

#### Survey of meeting format and the chance at \$100 off next year's meeting registration – Molly Richeson

- Only 1 entry per person

#### Request for chairs for open committees- Kathy Mathiason

- SCST
  - Referee, Canada



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- Cultivar purity
  - Rules - Des is stepping down as Rules Chair for SCST
  - Seed Moisture
- AOSA
  - Referee, Canada, as of July 2023 Dr. Lei Ren has accepted this position.
  - Referee, Southeast Region
  - Seed Moisture
  - Seed Vigor
  - Election/Nominations

#### ISTA Harmonization Update- Janine Maruschak

- This is a priority for Ernest Allen, as future ISTA president.
- Seeking the help especially from North American ISTA Members
- ISTA has added a harmonization statement requirement for their rule proposals.
- The purity committee for AOSA/SCST is working to harmonize working weights with ISTA

#### Follow-up on chair responsibilities – Todd Erickson

- Todd will distribute templates for committee SOPs with the first primary SOP to be committee chair responsibilities and a list of committee documents.
- He hopes to have these collected by January 1.

#### Joining of Orgs Update- Melissa Phillips & James Smith

- Necessary for our survival as organizations, especially with reduced numbers.
- Very important to reduce double-work and redundancies, this is needed as a cost-saving measure as well.
- 38% of SCST members are already in AOSA labs.

#### SCST does not have a quorum at this time. – Steve Beals

- At the SCST Business Meeting reports will be given and then sent to the membership for a final business meeting vote.
- This includes acceptance of the minutes published last year in the Proceedings, approval of the Agenda, Acceptance of the committee reports, final approval of the budget, and a decision whether to move forward with the changes to the Constitution and Bylaws.



## Joint AOSA/SCST Business Meeting

**Association of Official Seed Analysts  
Society of Commercial Seed Technologists  
Joint Business Meeting  
June 15, 2023  
Saskatoon, SK, Canada**

- I. Called to order
  - a. Called to order at 8:00 am.
  - b. Kyle A. (NY) sergeant at arms.
  - c. Vote taken by both AOSA and SCST using paper ballots.
- II. Executive Director report for both organizations- Jess Peterson
- III. **Committee Reports and presenters**
  - a. Communications Report- Quinn Gillespie
  - b. Consolidated Exam – Leanne Duncan
  - c. Genetic Technology – Molly Richeson
  - d. Handbook -Victor Vankus
  - e. Legislative- Not present
  - f. Liaison – Johnny Zook
  - g. Proficiency – Tyann Alexander
  - h. Referee- Quinn Gillespie
  - i. Research- Not present, report submitted after the business meeting for the proceedings.
  - j. Rules- Todd Erikson
  - k. Teaching and Training- Kathy Mathiason
- IV. **Sub-committee reports and presenter**
  - a. Conservation, Rec, tree and shrub- Tom Mager
  - b. Flower Seed Committee – Sarah Dammen





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- c. Germination and dormancy- David Johnson
- d. International- David Johnston
- e. Lab Standards- Todd Erikson
- f. Purity- Not present, report submitted after the business meeting for the proceedings
- g. Moisture- Not present, report submitted after the business meeting for the proceedings.
- h. Statistics- Not present, report submitted after the business meeting for the proceedings
- i. TZ- Michael Aberle
- j. Vigor- James Smith
- V. Annual Meeting Resolution- Johnny Zook & Quinn Gillespie
- VI. Motion to adjourn- Quinn Gillespie
  - a. Lynn Robinson second
- VII. Meeting Adjourned at 9:00am.



## 112<sup>th</sup> Annual Business Meeting of AOSA

### Association of Official Seed Analysts Annual Business Meeting Agenda

June 15, 2023

Saskatoon, SK, Canada

- I. **Call to Order** – The Business meeting was call to order by President Johnny Zook at 9:20 am. Roll call and quorum was established during the Joint Business Meeting prior to Rules voting. The follow members representing AOSA official lab members were present:

First Name	Last Name	AOSA Lab Member	Membership
Janine	Maruschak	CFIA	AOSA
Randy	Crowl	Colorado Seed Laboratory	AOSA & SCST
Stacy	LaMastra	Idaho State Seed Lab	AOSA
Jess	Blake	Iowa State University Seed Lab	AOSA & SCST
Cate	Perkins	Kentucky Seed Lab	AOSA
David	Johnston	Louisiana Dept. of Ag & Forestry	AOSA & SCST
Adam	Schrankler	Minnesota Department of Agriculture	AOSA
James	Smith	Mississippi DAC Bureau of Plant Industry	AOSA & SCST
Bridget	Westfall	Montana State Seed Testing Laboratory	AOSA
Lynn	Robinson	Nebraska Crop Improvement Assoc.	AOSA & SCST
Kyle	Arvin	New York State Seed Testing Lab	AOSA
David	Stimpson	Oregon State University Seed Laboratory	AOSA
Johnny	Zook	Pennsylvania Department of Agriculture	AOSA
Hannah	Gillen	South Dakota seed Testing Laboratory	AOSA
Victor	Vankus	USDA Forest Service	AOSA
Todd	Erickson	USDA Seed Regulatory & Testing Division	AOSA
Pam	Bridgeman	Wyoming Seed Analysis Lab	AOSA & SCST

- II. **Appoint Sargent-at-arms-** Kyle Arvin appointed by the President.
- III. **Approve Agenda** - James Smith moved, Lynn Robinson seconded. Motion carried.



**IV. Approve Minutes as printed in the 2022 Virtual Annual Meeting Proceedings**

James Smith, moved to approve minutes, Bridget Westfall seconded. Motion carried.

**V. Summary of the June 10, 2023, AOSA Executive Board Minutes – Johnny Zook**

provided a summary of the minutes and clarified that the full minutes would be included in the 2023 Annual Meeting proceedings.

**VI. Reports**

a. **President** - Johnny presented the highlights as the full report will be published in the Proceedings.

b. **Vice President** – James Smith presented his report and will submit it to the Proceedings

c. **Secretary/Treasure’s Report** (Janine Maruschak & Jess Peterson)

**i. Financial update**

1. **Financial Report** – Jess presented the financial report

2. **Budget** – Janine presented the budget approved by the board. All the questions from the members present about the financial reports and budget were answered. Leanne Duncan requested that the Exam expenses be tracked similar to Exam income (a line on the budget). Janine and Jess agreed this could be done.

d. **Executive Director Report, including the Membership Update and Activity Report** – Jess provided this report.

e. **Committee Reports** - Presentations were provided by the individuals named.

i. **Bylaw** – Lynn Robinson

ii. **Certification of Analysts (if different from Consolidated Exam committee report)** – As presented by the SCST Co-Chair of the Exam Committee during the joint Business Meeting.

iii. **Nominations/Election** – Pam Bridgeman

iv. **Membership** – No report provided

v. **Financial Audit**– Janine Maruschak

vi. **Historical/Necrology** – Janine Maruschak presented for Kathleen Willey



vii. **Liaison/Affiliates** – Johnny Zook

viii. **Rules** – Todd Erickson – provided the voting results. All passed except proposal 12.

ix. **Proficiency Testing** – Jeanna Mueller

James Smith moved that the Committee reports be accepted David Johnson seconded. Motion carried.

## **VII. Unfinished Business**

- a. **Secretary – Treasurer position vacancy** – Johnny requested a volunteer for the position for one year. Nominations will be accepted next year to fill the remaining 2 years of the term. Lynn Robinson volunteered to fill the one-year vacancy and was appointed by Johnny.
- b. **Bylaw proposals** – Lynn provided a summary of the proposals and indicated they are available on the website. A message will be sent to the membership to remind them to vote within 60 days.
- c. **New Members** –
  - i. Johnny presented two new associate members Ben Blackburn and Dana Sutherland for voting by the membership indicating that the Membership Committee and Board of Directors had found their applications to meet the requirements for Associate Membership. Voting was unanimous to accept both Ben and Dana as Associate Members.
  - ii. Johnny presented Hawaii and West Virginia as new Allied Lab Members indicating they were previously Official Lab Members that for financial reasons or lack of CSA they were opting to be Allied Lab Members rather than maintain their Official Lab Members. Voting was unanimous to accept both Hawaii and West Virginia as Allied Lab Members.

**VIII. Recognition of outgoing Board Members** Johnny and Jess presented certificates to and thanked Bridget Westfall, Victor Vankus and Janine Maruschak (2006 to 2010 as a board member and 2010 to 2023 as Secretary-Treasurer) for their service.



- IX. Installation of new Board Members** Johnny installed Diandra Viner, Kyle Arvin and Shanne Stapleton as new board members and Victor Vankus returning for a second term. Kyle Arvin was present and completed the oath. Johnny indicated that the AOSA Board Code of Conduct acknowledgment would be emailed to new board members for completion.
- X. Announcement of Next Annual Meeting** – Johnny reminded everyone that the 2024 Annual Meeting would be in Rapid City, South Dakota
- XI. Adjourn** - James Smith motioned and Bridget Westfall seconded. Motion carried.

### **President's Report, Johnny Zook**

It's been another good year interacting with everyone from AOSA and SCST. I appreciate our joint annual meeting and all we accomplish at these meetings. Hopefully our online opportunities this year have allowed us to include those who couldn't travel and has helped to keep more people connected.

I would like to thank the Board and all their input and effort in the administration of the Association. I would like to thank James Smith - MS (VP) and Janine Maruschak -CFIA (Sec./Treas.). James brings a lot of experience and good counsel and is a steadfast resource for the Association. Janine has proven herself time and time again and has been a superb Secretary/Treasurer. I also want to mention the rest of the board, Victor Vankus -USDA, GA, Jeanna Mueller - ND, Gordon Baldrige - AR, Bridget Westfall - MT, Leslie Beaty - SC, Todd Erikson USDA, NC, and Don Robison – IN. Again, I thank them for their support and participation in helping us move forward.

Four of our board members are leaving the board: Bridget, Leslie, Janine, and Don, and four members were elected: Victor for another term as board member, and, new to the board, Diandra Viner - MI, Kyle Arvin - NY, and Shanne Stapleton - VA.

I want to give a thank you to the Western Skies team for all their efforts and support of AOSA. They include Jess Peterson, Kelly Polzin, Kelly Fogarty, and Kristen Robertson.

In July 2022 I participated in the Association of American Seed Control Officials (AASCO) annual meeting and reported on the activities AOSA. I also expressed a desire to see more support for the AOSA Rules for Testing Seeds in AASCO's Recommended Uniformed State Seed Law (RUSSL) document. Having this support expressed in this model State Seed Law, that the ASOA Rules for Testing Seeds should be required by the State regulatory testing laboratories, will help with the adoption of Rules into state regulations. Having states require the Rules in their statues should



help seed commerce and seed testing uniformity. In 2024 I plan to introduce an amendment to RUSSL to do this.

In February I participated in the ISTA ECOM meeting in Washington D.C. The emphasis of the meeting was on working together and finding ways to bring our seed testing methods closer. I want to highlight two things that came from that meeting that I think are important. First, ISTA will begin to include an AOSA harmonization statement on their rules proposals, and, secondly, a desire was expressed to have ex officio members from each Association participate in each other's committees to increase communication and sharing of ideas. This shows that ISTA desires to move forward *with* AOSA and SCST.

I was able to write two articles for the magazine *Seed Today* covering topics, such as: the need to promote seed testing as a career choice, highlighting the efforts of AOSA and SCST in improving uniformity in seed testing, promoting the Seedling Images Database and ISMA Seed Images, explaining the revised Allied Laboratory membership category, and explaining the new Proficiency testing requirements for ASOA. I wish to thank *Seed Today* for giving the AOSA Presidents the opportunity to write these articles and communicate with the seed industry through their publication.

I continue to serve on the Certification of Seed Analyst (CoA) committee. I provide the seedling images for the Germination practical portion of the germination exam. I'm also continuing to work with the CoA committee and the SCST Board of examiners trying to make online testing available for the Purity and Germination Exams.

As the AOSA President, I facilitated the Liaison committee meeting at this year's annual meeting, details can be found in the Liaison report. I also conducted the Regulatory meeting where discussions were held on the following topics: Seed performing much better than labeled, small packet seed labeling with below standard germ, biological applications/treatments of seed, and Noxious Weeds verses Noxious Weed Seeds.

We have several bylaw proposals submitted this year for voting. They are attempting to bring clarification to the bylaws and to bring the bylaws in line with how we are functioning. More work needs to be done, but for now I ask that you please carefully consider these proposals and support them with your vote.

I also want to encourage all Certified Seed Analyst to participate in the AOSA/SCST Proficiency testing. As a membership of laboratories, we can only require the laboratories to be proficient, but there is great value in participating as these tests are designed to challenge you as Seed Analysts. Beyond the Proficiency Testing I encourage all Affiliate members (employees of Official Laboratory Members), Allied Members (employees of Allied Laboratory Members), and associate members to participate in committees, referees, webinars, etc.... the more our individual members partake in the activities of the Association, the better for everyone. To all of you that have been chairing committees, active in committees, presenting webinars, running referees, etc.... thank you. It is much appreciated.



I want to thank the leadership of SCST and their efforts to work with AOSA. AOSA and SCST are very closely linked on many levels, and I only see us becoming more integrated as we move forward. Thank you for your support.

Special thanks go to the USDA for their support in both people participating in AOSA, and USDA funds to advanced seed testing. Many of the new opportunities coming online are a direct result of the USDA seeing a need and responding with tangible financial support. Thank you.

And finally, I ask all AOSA members to be open to the idea of AOSA and SCST consolidating into a single organization. Be open but be willing to give your input. I would like to see a high degree of consensus as we progress through this process, and that can only happen if people express all their concerns. I believe consolidation will benefit AOSA and SCST by reducing cost, eliminating duplication of work, and making it easier to fill the roles of Board members and committee chairs. It may be difficult, but I think it is a journey worth taking.

Thank you for the opportunity to serve in this role as AOSA President.

Respectively Submitted

Johnny Zook, CSA

AOSA President

## **100<sup>th</sup> Annual Business Meeting of SCST**

### **Society of Commercial Seed Technologists Annual Business Meeting Agenda**

**June 15, 2023**

**Saskatoon, SK, Canada**

- I. Call to Order – 10:49 Steve Beals
- II. Anti-Trust Policy – 10:49 Steve Beals
- III. Appoint Sargent-at-Arms - 10:50 Steve Beals  
Brad Johnson appointed
- IV. Roll Call – Conducted sign-in and ballot distribution
- V. Approve Agenda – 10:51
  - a. 1<sup>st</sup>: Steve Beals
  - b. 2<sup>nd</sup>: David Johnston
- VI. Approve Minutes as Printed in 2022 Annual Meeting Proceedings – 10:51
  - a. 1<sup>st</sup>: Steve Beals
  - b. 2<sup>nd</sup>: Laura Donaldson
- VII. Reports
  - a. President - 10:52 Steve Beals
  - b. Vice President – 10:58 Melissa Phillips





- c. Directors-at-Large
  - i. Brenda Johnson – 11:00 Presented by Melissa Phillips
  - ii. Mike Stahrr – 11:00 Presented by Melissa Phillips
  - iii. Kathy Mathiason - 11:01
  - iv. Desiree Jones - 11:02
  - v. Neal Foster 11:04
- d. Executive Direct Report Jess Peterson
  - i. Membership Update – Given during the joint AOSA/SCST Business Meeting
  - ii. Activity Report – Given during the joint AOSA/SCST Business Meeting
- e. Financial Update
  - i. Financial Report - Jess Peterson
    - 1. Handouts given 12:07
    - 2. Reviewing provided handout
    - 3. Lower Cashflow - waiting on membership renewals
    - 4. Interest percent lower
    - 5. CDs for “Rainy Day fund”
    - 6. Limited areas for Income to be categorized efficiently
    - 7. Splitting costs and income for both organizations
    - 8. Annual meetings netting zero/negative and using USDA funds to subsidize
    - 9. Net Operating Income in Negative
      - a. Timing of cashflow coming in
      - b. Annual meeting expenses
      - c. Lynn – Job Posting Questions 11:19
        - i. What is determining who is collecting money on Job Postings. Does not match in 2022. - Lynn
        - ii. Process in place to do it, should be half but the timing is off and it is a snapshot – Jess
      - d. Lynn- Exam fees are also not matching 11:21
        - i. Possibly due to who is taking exam - Melissa
  - ii. Budget – Melissa Phillips and Jess Peterson 11:22
    - 1. Net Operating Income
    - 2. Meeting will not net neutral
      - a. Negative 30K as worst case
      - b. Many factors contributing
        - i. Same rooms reserved/less people attending, costly flights, virtual meeting, post pandemic effects, etc
      - c. Working on Tight numbers already
      - d. Leadership wanted everything to be transparent
      - e. Pat saying 11:31



- i. it is not the same in person vs virtual. If all virtual, it will fail
  - f. Quinn – 11:31
    - i. Poll on conversation on who got more involved
    - ii. Incredibly important to have conversations in person and outside the committee meetings, wouldn't have happened virtually
  - g. Lynn – 11:33
    - i. Suggest limit on how to get CE points to show importance on getting CE Points 11:33
  - h. Melissa 11:33
    - i. Put comments on the survey
  - i. Gil – 11:33
    - i. Registered early and workshops weren't listed and thought they were here
  - j. David Johnson 11:34
    - i. When will we hear the final report?
    - ii. Later this month
  - k. Lynn – 11:34
    - i. What is the impact of this negative?
    - ii. Jess – Dip into CD or other cash flow not present currently. We're fine, but not great.
    - iii. Melissa – consolidation with AOSA, will help pay redundant fees
    - iv. Tyann – Picked Rapid City because of lower costs of hotel and lower travel
- f. Audit Committee 12:38 Randy P and Zach Derit
  - i. Reviewed records and are in order.
- g. Committee Reports 11:39
  - i. Historian/Necrology – Matt Levy
    - 1. Don Ogawa passed in August
    - 2. Denny Hall is on hospice
  - ii. Ethics – Rachel Hendricks & Brent Reschly - 11:41 Presented by Rachel Hendricks
    - 1. No ethics issues reported.
  - iii. Nominating – Brad Johnson 11:41
    - 1. 1 VP and 2 DAL open positions
    - 2. 2 nominations received and both accepted
      - a. Quinn elected VP
    - 3. 10 nominations for DAL, 3 accepted
      - a. Maria Topic and Molly R were elected for DAL positions

VIII. Old Business 11:43 Steve Beals



- a. No quorum, no election
- b. 14:43 all agreed to delay voting for electronic membership.
- c. Brent Turnipseed wanted to thank AOSA/SCST for support of the collegiate crops judging contests in November 2022

IX.New Business

- a. C & B Proposed Changes

X.Other Business

XI.Recognition of Outgoing Board Members – Melissa Phillips 11:45

- a. Neal Foster - DAL
- b. Mike Stahr - DAL
- c. Steve Beals - President

XII.Installation of new Board Members – Melissa Phillips 11:48

- a. Quinn VP, Molly DAL, Marija DAL
- b. All Woman Board

XIII.Announcement of Next Annual Meeting 2024 – Melissa Phillips 11:50

- a. Rapid City, SD
  - i.Talking up the Tourism around the area

XIV.Adjourn 11:51

- a. Melissa Motion
- b. 2<sup>nd</sup> David Johnson and Neal Foster

**Director at Large, Mike Stahr**

As my term serving the Society on the Executive Board draws to an end, I would like to thank you for the opportunity and privilege to serve. It has been interesting once again to be involved in the leadership activities of SCST. I've participated in SCST calls and emails, other than during time off to recover from surgery. Due to possible difficulties with my health while traveling I attended SCST and joint SCST & AOSA Executive Board meetings virtually for this annual meeting. For the year I continued activities related to the ROA uniformity working group and the Tetrazolium Committee.

Respectfully submitted,

Mike Stahr

**Director at Large, Neal Foster**

Over the past year I have attended all the SCST board meetings via Zoom. Additionally, I have participated in the ASTA SALT (Seed Ambassador Leadership Training) seminar held in conjunction with the ASTA Corn and Soybean Conference. I would highly recommend that if given the chance to participate in this workshop you take advantage of it. One of the big take home lessons that I learned from this workshop is how to listen to more than two sides to a story.



I also participated in a conference call between the SCST President and Vice President with Brent Turnipseed and myself to review the original plan on combining the two seed testing organizations into one.

Over the past year I have done minimal work on a seed analyst training program. At this endeavor I am afraid that I have failed. Retirement is getting too close, and I seem to have lost steam for projects like this. I hope that one of the younger members will take an interest and see it through. After listening to all of the uniformity or lack of uniformity issues and working with three certification agencies to develop a computer program for seed certification and testing, the issues we face with uniformity were amplified. This made me wonder where the uniformity problems started. When most of us were tutored for our RST exam we had most likely one mentor. The way that the mentor had learned seed testing was the way that we were taught. If we were lucky, we attended one or two seed schools when getting ready for the exam. Having this narrow of an educational base can lead to problems. In order to solve the uniformity issue, I believe that SCST needs to develop a training program with the help of ASTA, AOSCA and USDA. This will not be a quick remedy but will take years for the basic knowledge to even out.

Looking back over my almost 40 years in seed testing and seed certification one of the highlights has been serving as president and as a board member of SCST. It has been a pleasure to work with all of you (except for Reschly) [sic]. Thank you for having the confidence in me to let me serve.

**Director at Large, Brenda Johnson**

During my second year as a Director at Large for SCST, I participated in several Genetic Technology Committee Meetings, Board of Directors bi-monthly meetings, and worked with Maranda Gillen on organizing the Seed Devitalization Project for ASTA SSF in addition to reviewing and addressing SCST related emails. Due to travel restrictions, I participated virtually in the annual meeting including the SCST Board of Directors meetings and other virtually available meetings.

Respectfully submitted,

Brenda Johnson

**Director at Large, Kathy Mathiason**

This is my first year as a Director at Large. I serve as the chair of the SCST Continuing Education Points committee. Along with the AOSA CE Points chair and the Teaching and Training co-chairs, we updated the application for point approval for a workshop/webinar. I agreed to be a co-lead of the AOSA/SCST/ISMA joint project "Development of a Digital Reference for Seed Identification of the Species on the AOSA/SCST Exam List". As such, I facilitated training sessions and received Board approval for the author reimbursement form. I accepted the



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invitation to co-chair the Flower Seed Subcommittee. I attended many AOSA/SCST webinars, and I participated in Board calls and emails.

Respectfully submitted,

Kathy Mathiason

#### **Director at Large, Desirae Jones**

I completed my first year as a Director at Large for SCST. I have enjoyed learning more about our associations and being involved in the internal workings. Seeing the bigger picture of all the moving parts has strengthened my appreciation for all our current and past leaders. Thank you for making this such a unique and amazing group.

I also serve as the SCST co-chair of the Rules committee. That keeps me busy each season through the year as we collect and review the proposals, present to the membership, and implement these changes in the volumes of the AOSA Rules.

I responded to emails with membership and industry concerns, attended board conference calls, and reviewed the monthly financial reports.

I look forward to the future with our memberships working together towards consolidation and becoming a strong, unified organization.

Respectfully submitted,

Desirae Jones

#### **Vice President, Melissa Phillips**

It has been my privilege and a pleasure to serve as the SCST vice-president. This past year I have participated in board emails. I attended the SCST board meetings that meet every other month. I also attended the monthly principles calls with AOSA and the executive director. Steve and I met with the executive director and discussed the proposed budget in preparation for the new fiscal year. I reviewed the financials monthly throughout the year as provided by Kristen.

I attended exam committee meetings and participated in emails as well as reviewing applications for exam candidates.

Over the past year, Janine and I gathered the list of capabilities and desires for the website from the committee chairs. Looking to understand our “back office” and committee needs to enable the organization to be more efficient, promote member participation and increase continuity over time.



I attended the ISTA meeting in Washington DC on behalf of SCST. The intent of the meeting was to explore opportunities for alignment between organizations and opportunities to harmonize. A delegate from all the major NA organizations were invited to the meeting.

The group present at the ISTA annual meeting in Verona, Italy reconvened to continue discussions of harmonization opportunities.

I look forward to my next year of serving SCST.

Respectfully submitted,  
Melissa Phillips

### **President, Steve Beals**

It has been my pleasure to serve and represent SCST for the past two years as the SCST President. I would like to thank the membership for this opportunity to serve in this capacity. I cannot thank Melissa Phillips enough for her help over the past 2 years. I would like to thank the Board of Directors for their work on the association issues and direction. I would like to thank all of the Chairs and Co-Chairs of the various committees who serve as facilitators for projects and referees. I would like to thank all of the members that participate on committees who work on projects, referees, and help with research for the betterment of seed testing.

Thank you to the Canadian Seed Analysts for hosting the 2023 AOSA/SCST Annual Meeting here in Saskatoon. It was an awesome meeting to attend, and I am grateful for the opportunity to see old friends and meet new ones. The 4 pre-meeting workshops were a welcome addition to this year's meeting agenda. The workshops were well attended and very much appreciated by all. Thank you to all of the workshop presenters. It was great to see the number of people that attended the workshops. The New Attendee orientation was held on Monday evening, and it was exciting to see that there were 16 first time attendees present. They were from AOSA, SCST, and Canadian laboratories, and they were challenged to get involved, ask questions, and participate in the committee meetings. I think that the Associations have a very promising future ahead of us!

We were able to provide a live web cast for Open Rules, Referee Presentations, Research Papers, and Long-Range Planning during the meeting this year. This provided means for the ones that were not able to attend to hear what was presented and have the opportunity to comment on the rule proposals, referee and research presentations, and Long-Range Planning. Pre and post zoom meetings for future annual meetings may make it possible to reduce the amount of meeting space required and reduce the number of days needed to cover all of the breakout sessions. However, I hope that our organization does not lose sight of the fact that there is no comparison to being able to sit in a meeting room filled with so much experience, sharing knowledge, thoughts, and ideas amongst colleagues. A 2023 Annual Meeting survey will soon be sent out to the membership, please fill out the survey so that we can improve the



Annual Meeting experience. Remember, by filling out the survey, you will be entered in a drawing for \$100 off the 2024 AOSA/SCST Annual Meeting registration.

Our organizations are working on tools that will help us in seed testing. The AOSA/SCST Seedlings Evaluation Database will be very useful tool to seed analysts. The database is in the building phase, and they have been conducting surveys and collecting information on the seedlings that will be compiled, reviewed and eventually uploaded into the database. The International Seed Morphology Association (ISMA) is working to add 100 species into its database. The committee chairs need your help to provide photos and seed identification descriptions. If you are able, please contribute to this initiative as it will help seed analysts identify seeds around the world.

The one word that was mentioned on several occasions during the meeting this year was “harmonization”. This was on the forefront of many conversations and presentations at this meeting. I believe that AOSA, SCST, Canada, and ISTA are looking to promote harmonization in the testing rules. This could prove to be very beneficial for new rule proposals for all organizations in the future.

The Lab Standards and Documentations Committee has followed the request of the Board of Directors to implement a documentation management system that will provide guidance to the committees and committee chairs. This will also help to maintain the history of the work that the committees have done. The chairs will be asked to fill out information on the purpose of the committee, document concise details of the roles and responsibilities of the committee chairs and create SOPs. This process should also help provide a place to document the work being done by the committees and provide a means for committee members to access the information.

The joining of the AOSA and SCST organizations was re-introduced this year during the Long-Range Planning Meeting. There is much overlap between AOSA and SCST and it would be beneficial to combine the two organizations to remove duplication. This endeavor will help reduce costs to the organization, consolidate and simplify the Constitution and By-Laws, and remove duplication in committees and sub-committees. A working group has been formed consisting of members of the AOSA and SCST Board of Directors. Much work has been done on the combination of AOSA and SCST over the years and this work will be used and revised as needed for the combination of the organizations.

SCST did not have enough members present at this year’s meeting to have a quorum for our business meeting. The membership will be sent an electronic ballot to vote on the Constitution and By-Laws proposals that were presented during the Long-Range Planning meeting. A copy of the SCST 2024 Budget will also be sent to the membership for approval by electronic ballot.

I hope that everyone has enjoyed the 2023 AOSA/SCST Annual Meeting. I look forward to the 2024 AOSA/SCST Annual Meeting in Rapid City, SD! Safe Travels and I hope to see you next year.



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Respectfully Submitted,

Steve Beals, SCST President

## AOSA Rules Voting Results

AOSA Rule Proposal Summary			
Proposal #	Purpose	Author	Pass
1	Restructure section 3.8 pelleted, coated or encrusted seed purity procedures and provide further clarification of the procedures within the section. The two purity methods for testing coated seed will not be changed by this proposal.	Debbie Meyer, Nishit Patel	Yes
2	To add <i>Salvia hispanica</i> germination methods to table 6A.	Sarah Dammen	Yes
3	To clarify guidelines for the evaluation of borderline seedlings in germination	Sue Alvarez	Yes
4	Revise information in the Rules (Vols. 1 and 4) of species belonging to families known to have hard seeds, and revise Table 6A instructions and requirements for testing and reporting hard seed test results.	Heidi Jo Larson, David Johnston, Riad Baalbaki	Yes
5	To harmonize AOSA with ISTA, giving analysts the option to adjust final percentages rather than retest if there are +/- 5 or less seeds at the end of a germination test.	Todd Erickson	Yes
6	The purpose of this proposal is to change the reporting percentage of pure live seed (PLS) from a whole number to two decimal places.	Heidi Jo Larson	Yes
7	The purpose of this rule proposal is to remove raised blotters (RB) as a media option from the AOSA Rules for Testing Seeds.	Heidi Jo Larson	Yes
8	The purpose of this proposal is to require the number of seeds tested during the Tetrazolium test to be reported on the report of analysis if less than the required 200 seeds.	Heidi Jo Larson	Yes
9	To add Quinoa ( <i>Chenopodium quinoa</i> ) purity weights and germination methods to the AOSA Rules Volume 1.	Sue Alvarez	Yes
10	The purpose of this proposal is to add statements (in bold type) regarding deviating from the Rules into all volumes of the AOSA Rules for Testing Seeds. Currently there is only one such statement, and it is in the Introduction of Volume 1. Principles and Procedures:	Kathy Mathiason	Yes
11	The primary purpose of this proposal is to clarify that the mechanical seed counting process outlined in AOSA Rules Vol. 1 Section 12, may be used to determine the number of seeds contained in a sample of additional crop kinds not listed. The mechanical seed counter must be proven it is fit for purpose for seed kinds not listed, by using a 1,000 seed calibration sample of the seed kind under consideration.	David Johnston	Yes
12	The purpose of this proposal is to revise reporting requirements of germination test results on the Report of Analysis (ROA). For the germination test, current Rules state that the percentage of normal	David Johnston, Riad Baalbaki	No





	seedlings, hard seed (if applicable), and dormant seed (if applicable) must be reported (AOSA Rules Vol. 1 Section 15.k). For non-applicable components, N/A is included on the report. This proposal adds the requirement of including the percentage abnormal seedlings and dead seeds to the ROA, so that all applicable germination components are reported.		
13	To correct the common name for <i>Calamagrostis arenaria</i> (L.) Roth, formerly known as <i>Ammophila arenaria</i> (L.) Link, in Volume 3 of the AOSA Rules.	Debbie Meyer, Nishit Patel	Yes
14	The purpose of this proposal is to improve seedling drawing 2c in POACEAE GRASS FAMILY III - Corn section in AOSA Rules Volume 4. In the current drawing, the coleoptile is not properly depicted and has raised questions from analysts. The description and evaluation of drawing 2c were not changed.	David Johnston, Riad Baalbaki	Yes
15	The primary purpose of this proposal is to revise AOSA Rules Volume 4 ASTERACEAE, SUNFLOWER FAMILY I – Lettuce Fig. 3 ‘Physiological necrosis of lettuce cotyledons’ drawings, so that they reflect the recent changes of evaluation criteria described in AOSA Rules Volume 4 under Part I SECTION 3 section 3.5.10 (see excerpt below), and to add additional drawings for necrosis evaluation clarification.	David Johnston, Riad Baalbaki	Yes
16	Improve uniformity of evaluating cotyledons of lettuce seedlings with various degrees and patterns of necrotic tissue damage. Color pictorial examples, with a range of symptoms, are proposed as supplementary material to the ‘ASTERACEAE, SUNFLOWER FAMILY I – Lettuce’ section of Vol. 4 of the AOSA Rules. Black and white seedling drawings depicting necrosis are inadequate due to their lack of coloration and detail. No changes in evaluation rules are proposed.	David Johnston, Riad Baalbaki	Yes
17	The purpose of this proposal is to list organic growing media substrate in the appropriate locations within AOSA Rules Vol. 4, where sand, soil, and/or sand/soil are also listed. Organic growing media is considered equivalent to soil, sand, and a soil/sand as an approved substrate. This proposal seeks to harmonize the references and uses of organic growing media in AOSA Rules Vol. 4 with those currently listed in AOSA Rules Vol. 1 (e.g., 6.5.b.(1), 6.6.d., 6.8.i.(3)).	David Johnston	Yes
18	The primary purpose of this proposal is to clarify in AOSA Rules Volume 4, for which Families sufficient secondary, seminal, and/or adventitious roots are permitted to compensate for a missing or defective primary root. These proposed changes will lead to more uniformity with root evaluations amongst analysts and increase laboratory testing uniformity. The established root evaluation criteria in Volume 4 are not changed with this proposal, only clarified.	David Johnston, Riad Baalbaki	Yes



Proposal #	AOSA yes votes	AOSA no votes	AOSA Abstain	AOSA Total votes cast	AOSA % Pass	SCST yes votes	SCST no votes	SCST abstain	SCST total votes cast	SCST % pass	Passed	Super-majority
1	17	0	0	17	100%	44	0	2	44	100%	Yes	200.00%
2	17	0	0	17	100%	45	1	0	46	98%	yes	197.83%
3	12	4	1	16	75%	31	13	2	44	70%	yes	145.45%
4	16	0	1	16	100%	44	1	1	45	98%	yes	197.78%
5	14	3	0	17	82%	38	8	0	46	83%	yes	164.96%
6	14	2	1	16	88%	37	7	2	44	84%	Yes	171.59%
7	15	1	1	16	94%	39	2	5	41	95%	Yes	188.87%
8	14	3	0	17	82%	40	5	1	45	89%	Yes	171.24%
9	17	0	0	17	100%	45	0	1	45	100%	Yes	200.00%
10	14	3	0	17	82%	36	7	3	43	84%	Yes	166.07%
11	16	0	1	16	100%	40	4	2	44	91%	Yes	190.91%
12	8	8	1	16	50%	25	20	1	45	56%	No	105.56%
13	16	0	1	16	100%	46	0	0	46	100%	Yes	200.00%
14	17	0	0	17	100%	44	0	2	44	100%	Yes	200.00%
15	17	0	0	17	100%	43	2	1	45	96%	Yes	195.56%
16	17	0	0	17	100%	43	2	1	45	96%	Yes	195.56%
17	17	0	0	17	100%	45	0	1	45	100%	Yes	200.00%
18	17	0	0	17	100%	45	0	1	45	100%	Yes	200.00%



## Committee Reports

### Advanced Technologies Committee

#### Advanced Technologies Committee Report

June 15, 2023

Saskatoon, SK, Canada

The newly formed Advanced Technologies Committee (ATC) is led by AOSA Chair Dr. Ruojing Wang, CFIA and SCST Chair Brent Reschly.

With invaluable assistance from Krista Erickson, Seeds Canada the ATC held a workshop and technology forum at the annual meeting in Saskatoon. On June 11<sup>th</sup> an ISTA Method Validation workshop lead by Kirk Remund from Bayer. The intent of the workshop was to showcase some of the statistical tools used by ISTA. There was a lot of discussion and some hands-on practical exercises. On June 12<sup>th</sup> the ATC held the first annual technology forum. The committee invited 4 technology providers the opportunity to present their technologies to the attendees and answer questions. There were 4 presentations on technology from Bayer, Corteva, 2020 Seeds Lab and the CFIA AI-lab. The presenters were joined by Sarah Foster from 2020 Seed Lab and Brent Reschly, Syngenta Seeds to answer questions. Other than technical issues with the zoom meeting and microphones the forum was a resounding success.

The ATC is planning to hold some additional technology webinars in the coming year as well as making resources available to members for technology scouting and evaluation.

Respectfully submitted,

Brent Reschly, Dr. Ruojing Wang.



## Communications and Publications Committee

### Communications and Publications Committee Report

June 15, 2023

Saskatoon, SK, Canada

This year the Communications and Publications committee met several times over zoom and phone conference. The committee also met in person on Monday, June 12<sup>th</sup>, 2023, at the annual meeting to present changes for the upcoming year and to outline Newsletter and committee items for the coming year. The committee produced the Annual Meeting proceedings, and with the help of contributions from the membership, volume 90, Issue 1 of the Seed Technologists Newsletter. One of the larger projects of the committee this year was to establish a shared drive for committee documents to allow for better collaboration. The newsletter has been moved to a cloud-based document while in process, although still distributed as a PDF to the membership and posted on the website. Thank you to Molly Richeson for the excellent suggestion to have a study guide section in the Newsletter for members studying for the exams or analysts looking to brush up on their vocabulary. The addition will be both a fun and informative addition to our newsletter. The committee received some excellent feedback on the most recent issue, and it was emphasized that the Newsletter isn't only a way for us to share information with each other throughout the year but acts as a historical record of our activities as organizations because website information is frequently updated and is typically somewhat ephemeral in nature.

With that in mind, the Communications and Publications committee page on the website has also been updated, with updated submission guidelines. For shorter articles, new registered and certified member profiles, or suggestions there is a google form, accessible from the Communications and Publications page on the website, or you can always reach the committee chairs via the emails listed on the website to submit articles.

On that note, I would like to thank those who have volunteered- or been voluntold- to help contribute summaries of the excellent workshops available at this year's Annual Meeting, and Brent Reschly for acting as our unofficial staff photographer.

The committee has also begun a long-term project of building a worksheet of the articles, topics, authors, and topics from our historical documents. Many people have worked hard to collect and scan these documents, the committee is now working to extract the information from these scanned pages in a way that can be a little more user friendly, without those who want to look up information having to flip page by page through many back issues. If anyone would like to help with this project, we're always seeking volunteers.



There are several projects coming from committees which will come with updates to the committee website pages. Committee chairs should be able to log in, if need be, to make those updates. If anyone is not comfortable going “under the hood” of their committee, part of the function of this committee is to facilitate the posting of articles and committee updates on the website, and we’re here to help. Please don’t hesitate to reach out.

Lastly, for those submitting reports for the Annual Meeting proceedings, please have them submitted to myself or to Beth Stewart at USDA before July 14th.

Respectfully submitted,  
Quinn Gillespie and Beth Stewart

## Continuing Education Committee

### **Continuing Education Committee Report June 15, 2023 Saskatoon, SK, Canada**

The AOSA continuing education points committee met via zoom on Tuesday, May 23, 2023, for the annual meeting in Saskatoon, Saskatchewan. This meeting took place in conjunction with the SCST continuing education points committee. Discussion included what counts as CE points and how to obtain them, along with whose responsibility it is to report point-earning events. A graph was presented that anonymously showed how many points the organization’s CSAs have.

Respectfully Submitted,

Kathy Mathiason on behalf of Leanna Leach



## Consolidated Examination Committee

### Consolidated Exam Committee Report

June 15, 2023

Saskatoon, SK, Canada

The Consolidated Exam Committee met virtually on May 17, 2023. During the meeting we reviewed the recent survey of the exam candidates that took the first open book exam. Based on the feedback, we have decided to make a few changes that were sent to the boards and approved just prior to the meeting:

- increase the time to write the germination written exam by a half hour which would correspond to the purity written exam.
- Move the germination pure seed practical exam from the written exam to the practical exam and edit the marks accordingly.

We also discussed updating the Herbarium Voucher and with approval from the AOSA board, this will also become a requirement to submit with your exam application. The exam application and re-evaluation application are being updated to a fillable form.

Based on these changes, the document Consolidated Exam Content Information will be released shortly, and the exam committee is also updating the Study Guide.

SCST committee had a recent retirement, and they are looking for a new member to join their group.

Johnny Zook discussed the online examinations, and we are hopeful that this could begin in Spring 2024.

For our year in review, in August 2022 there were a total of 7 candidates taking the exam from both organizations, the following are the results: 2 CSA and 1 RST and 1 CVT.

This spring (2023) we had 21 candidates that took the exam in both Iowa and South Dakota. Grading is complete and candidates were notified of results. 6 AOSA members were awarded certification: 2 CSA, 1 candidate went from CSA-G to CSA, 1 CSA-G and 2 CSA-P; 11 SCST members were awarded certification: 1 RST, 2 analysts went from CVT to RST, 1 CPT and 7 more CVT's have been added. We will be hosting another exam in August at the conclusion of the Federal Seed School in Gastonia, NC. August 17/18.

Respectively Submitted,

Sarah Graybill and Leanne Duncan



## **SCST RGT Board of Examiners Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

Our RGT BOE met virtually May 25th, 2023, to discuss the following topics:

1. Discussed practical exam current supplies and future needs. We have a need for soybeans and corn for our herbicide bioassay exam and will soon need material to create more PCR practical exams. Please contact Kalyn if you are able to provide any of these.
2. The need and challenges of recruiting new members to the RGT BOE. We are in need of two more board members.
3. The collaboration with the RST BOE on an updated reinstatement application concerning the length of time inactive.
4. The proposed requirement for a passing grade in a course to count towards application points.
5. No exams were given at this meeting.

I would like to thank the following RGT Board of Examiners Committee for volunteering their time and services.

Molly Richeson - AgReliant Genetics

Kalyn Brix – SoDak Labs

Erin Murphy-Untz - Eurofins BioDiagnostics

Amanda Ver Helst - SGS-North America – Brookings

Kathy Mathiason - SDSU

Respectfully submitted,

Molly Richeson

RGT BOE Chair



## Genetic Technology Committee

### Genetic Technology Committee Report

June 15, 2023

Saskatoon, SK, Canada

The Genetic Technology committee met on Monday, June 12<sup>th</sup>. The committee reviewed the duties of the committee and welcomed our new genetics members: Mackenzie Mattern, RGT, from SoDak Labs and Zach Duray, CGT from Illinois Crop Improvement. We reviewed our membership and subcommittees and held a sign up for each committee. We reviewed the results of our proficiency test for this past year and went through each question and answer one at a time. We put out a call for a member to take over genetics proficiency testing in the way Ellen Phillips had formerly done before her retirement, but the call was unanswered. An alternate option was also presented: one in which each member of Genetic Technology submits a single question and answer for that year's proficiency test.

Goals were created for each subcommittee with a requirement that one goal from each subcommittee be fulfilled before the next annual meeting. The Lab Standards goals included a committee SOP, template report format, reinstatement form review, and a welcome packet for new members. The reinstatement form review will more than likely be unnecessary now with the proposed rule change. A grade requirement change proposal for C&B change was also submitted prior to the annual meeting requesting a requirement of a "C" grade or higher for a course to count towards points to take the exams. This is also a proposed rule change for this year.

The Education subcommittee goals included webinar topics and production, the 2024 Genetics Superworkshop planning, proficiency test questions, workshop requests, and pop quizzes. This coming year will ultimately be spent planning the 2024 Genetics Superworkshop occurring in February 2024. In the interest of identifying webinar topics and workshop focuses, a list of the most missed questions on the RGT exams was compiled by topic. The PCR Master Mix calculations webinar was recorded and presented last year.

We reviewed the 2022 Genetics Superworkshop in anticipation of the planning for 2024's workshop, including the highest rated topics and areas for improvement. For the upcoming Superworkshop, we will need to produce speakers (who earn CE points for presenting), topic requests, and any hands-on activities requests.

The Research subcommittee gave an update on the STRF particle size study. Kalyn gave a review of the genetic testing workshop from this year's meeting, and Maranda sent us an update on the devitalization by freezing study being conducted by other seed scientists. The goal of the Research subcommittee is to come up with a new STRF proposal.





The Newsletter subcommittee has several goals to choose from this upcoming year. We need to submit our annual meeting agendas to the newsletter prior to the annual meeting. The other goals of this subcommittee as far as newsletter submissions include proficiency test review, book reviews, this very committee report, a summary of the Genetic Testing Workshop at the annual meeting, new member biographies, a member spotlight, and topics on things such as GM tech acceptance and science diplomacy. We submitted a review of the 2022 Genetics Superworkshop and a genetics vocabulary crossword puzzle. We also reviewed the guidelines for newsletter submission.

We discussed the need for recommendations for the RGT BOE. We require two new members to fill open positions. Brad Johnson and Zach Duray volunteered to fill the vacancies. However, should the new rule proposal regarding Registered members ONLY on the Board of Examiners, we may find ourselves needing one more person. We are currently awaiting the outcome of that potential rule change.

We are in need of seed for the herbicide bioassay practicals, both corn and soybean. Please, see Kalyn with any questions or concerns regarding seed sourcing for the exams if you think you may be able to be of assistance.

Respectfully Submitted,

Molly Richeson & Kalyn Brix, Genetic technology co-chairs

## Handbook Committee

### Handbook Committee Report

June 15, 2023

Saskatoon, SK, Canada

The Handbook committee met virtually Wednesday, May 23, 2023.

Vic Vankus (AOSA) and Diandra Viner (SCST), committee co-chairs led the meeting.

Meeting Agenda:

Introduction to the committee. Review of what the committee does, processes to review existing and develop new handbooks.

Review of existing handbooks.

Old business:



Committee review of the Cultivar Purity Handbook is complete. The handbook was returned to the Cultivar purity committee for final review. When complete the handbook will be submitted to the AOSA Board for approval and made available.

The committee started working with the TZ Handbook update group.

#### New Business:

Update the Report of Analysis Handbook to incorporate changes to the Rules following the 2023 annual meeting.

Committee will use the forms provided by the Lab Standards and Documentation committee to draft an SOP covering the process for updates and changes to existing Handbooks by technical committees with information on a standardized format and potential schedule for review.

Committee will review and edit the draft version of TZ handbook to prepare for publication.

Committee will contact the Statistics committee to ask about developing a Handbook on Tolerances.

Committee will update the Purity Handbook to incorporate changes to the Rules.

Respectfully Submitted

Diandra Viner, SCST Co-chair

Victor Vankus, AOSA Co-chair

## Lab Standards and Documentation Committee

### Lab Standards and Documentation Committee Report

June 15, 2023

Saskatoon, SK, Canada

The Laboratory Standards and Documentation committee met on June 12 at 11 am. A new initiative to create a document control system was discussed. Committee chairs will be expected to submit documents describing the activities of their committees by Jan 1, 2024. Templates and instructions will be sent to the chairs.

Respectfully submitted,

Todd Erickson and Angie Rutt



## Legislative Committee

### Legislative Committee Report

June 15, 2023

Saskatoon, SK, Canada

No changes to report.

## Proficiency Testing Committee

### 2023 Proficiency Testing Committee Report

June 15, 2023

Saskatoon, SK, Canada

The AOSA-SCST Proficiency Testing Committee met on Tuesday, June 13, 2023, at the Delta Downtown hotel in Saskatoon, Canada. Tyann Alexander presented on behalf of the committee co-chairs, Heidi Jo Larson and Jeanna Mueller. The three proficiency tests from 2022-2023 were the bean germination, pure seed & inert written, and the 25 seed identification set. The results of the bean germination and the inert written were presented. The seed ID results are still being received. The next year's proficiency tests are the non-mechanical seed count on *Setaria italica* subsp. *italica* that was sent out earlier this year with the seed ID set, which is due August 1. A written proficiency on sample processing in the lab will be sent out very soon, and a proficiency about coated seeds later in the year. Any new ideas for future proficiencies are encouraged to be submitted to the committee chairs.

Respectfully submitted,

Tyann Alexander

on behalf of Heidi Jo Larson and Jeanna Mueller

## Referee Committee

### 2023 AOSA/SCST Referee Committee Report

June 15, 2023

Saskatoon, SK, Canada

This year the referee committee connected primarily via email correspondence throughout the year. The chairs of the committee also participated on the Rules committee as ex-officio members and helped to review the Rule proposals presented at this meeting and participated in Rules Committee virtual meetings and calls. To better harmonize with the updates to the Rule Proposal Guidelines the Referee Committee is in the process of updating the Referee



Guidelines. These will be posted on the website when they are available. The committee also met virtually, on June 6th, prior to the Annual Meeting.

There were three projects presented at the Referee Presentations session on June 14<sup>th</sup>, 2023. David Johnston presented on identification of Bahiagrass, Rachel Henricks reported on her ongoing work with Balansa clover, and Dr. Lei Ren reported on his study of Canarygrass germination methods, comparing the methods currently published in the AOSA Rules, ISTA Rules, and Canada M&P. These presentations will be posted on the referee committee website shortly after the annual meeting. One additional topic was presented as the result of discussion held during the closed session of the Referee Committee meeting on the 6th. This was the possibility of changing the way that the committee is organized. The committee is broken into 6 regions, each with an AOSA and SCST chairperson. The prospect of dividing referee groups into categories based on crop kinds or subject matter was introduced at the Referee Presentations and Buzz Session.

239 previous referee presentations were looked at for how they might be categorized, and that information was run through several different options. One was to organize referee regions into subjects based on crop kinds, following the Canadian Seed Analyst accreditation categories. Another was using Uniform Classification. A third option of custom categories was presented for discussion, taking both of these into account, with the aim of incorporating validation and study regarding genetic technologies, validation of new technologies, and comparisons between updated regulations. Many seed testing organizations and government entities are looking to modernize the ways they regulate the movement of seed, and it is important for there to be a mechanism to compare these new regulations and ensure analysts are adequately familiar with the ongoing modernization efforts.

The prospect of re-organizing was well received based on comments of those present and as a committee we will move forward with fine-tuning the potential categories for study. During the discussion it was also suggested that much of the work that the Referee Committee and Research Committee do can go hand in hand, and joining together may be an option as the organizations move forward to fine tune our operations. We have exciting times ahead of us and will continue reaching out to the membership to see how restructuring may work to help promote referee projects and validation studies in the future.

Respectfully submitted,

Quinn Gillespie and Chi Trinh



## Research Committee

### Research Committee Report

June 15, 2023

Saskatoon, SK, Canada

#### 2023 Research Committee Report

Saskatoon, Canada - Monday June 12, 3:00 - 4:00 pm

Sabry Elias and Melissa Phillips, chairs

#### Mission Statement

Promote research and development to improve seed testing and achieve better uniform, accurate, and efficient results and respond to the emerging seed industry needs.

#### Function

Help members of the AOSA/SCST in conducting research studies referees and rule change proposals through the chairs of the research subcommittees, germination, purity, TZ, statistics, etc. This is to ensure sound research abs statistical analysis. We also encourage conducting workshops and webinars.

Research is the gateway for innovations, adopting new technologies, and acquires knowledge in subjects related to seed testing.

#### Research Subcommittees

The research committee includes the following subcommittees:

- Seed Purity, Germination and Dormancy, Tetrazolium Testing, Seed Vigor Testing,
- Cultivar Purity, Statistics, Flower Seed, Conservation & Reclamation – Tree/Shrub,
- Seed Moisture Testing, Lab standard and documentation, Handbook, and Seed Pathology?

○ Emails of Subcommittee Chairs: [riad.baalbaki@cdfa.ca.gov](mailto:riad.baalbaki@cdfa.ca.gov);  
[djohnston@ldaf.state.la.us](mailto:djohnston@ldaf.state.la.us); [dmeyerseeds@gmail.com](mailto:dmeyerseeds@gmail.com); [amy.gurza@ars.usda.gov](mailto:amy.gurza@ars.usda.gov);  
[mager@indianacrop.org](mailto:mager@indianacrop.org); [Tim.Gutormson@SoDakLabs.com](mailto:Tim.Gutormson@SoDakLabs.com); Michael Aberle  
[<michaelrsl@silcom.com>](mailto:<michaelrsl@silcom.com>); [sbeals@ilcrop.com](mailto:sbeals@ilcrop.com); [todd.erickson@usda.gov](mailto:todd.erickson@usda.gov);  
[Angie.Rutt@agreliantgenetics.com](mailto:Angie.Rutt@agreliantgenetics.com); [diandra.viner@state.mn.us](mailto:diandra.viner@state.mn.us); [dmiller@ilcrop.com](mailto:dmiller@ilcrop.com);  
[Katherine.Mathiason@sdstate.edu](mailto:Katherine.Mathiason@sdstate.edu); [sarah.dammen@sgs.com](mailto:sarah.dammen@sgs.com);  
[shaminder miranpuri@yahoo.com](mailto:shaminder_miranpuri@yahoo.com); Patel, Nishit [nishpatel@pa.gov](mailto:nishpatel@pa.gov);  
[JamesS@mdac.ms.gov](mailto:JamesS@mdac.ms.gov); [laura.carlson@sodaklabs.com](mailto:laura.carlson@sodaklabs.com); [karen.richard@bayer.com](mailto:karen.richard@bayer.com);  
[elizabeth.stewart1@usda.gov](mailto:elizabeth.stewart1@usda.gov); [MichaelRSL@silcom.com](mailto:MichaelRSL@silcom.com);



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[shaminder\\_miranpuri@yahoo.com](mailto:shaminder_miranpuri@yahoo.com); [quinn.f.gillespie@gmail.com](mailto:quinn.f.gillespie@gmail.com)

#### 2023 Research Committee Meeting:

- Introduction of the attendees.
- The subcommittee chairs who attended the meeting shared the activities of their committees. Germination and dormancy, purity, TZ, and statistics shared the activities.
- This year, the Res. Committee organized “Research Paper Session”. Five papers were presented (one of them presented in the Research Committee meeting):
  1. Weed seeds detection using a mechanical auto-shaker.
  2. The Seedling Evaluation Database Model: Proposing Changes to Evaluation Rules.
  3. Dormancy Breaking Methods on Freshly Harvested Hybrid Oil Seed Sunflowers.
  4. Standardization of the Cool Germination Test of Cotton.
  5. Development of Quantitative DNA Test to Distinguish between Annual and Perennial Ryegrass
- Tim Gutormson provided update on the Seed Testing Research Foundation (STRF) activities. He reported funding expansion of two endowments: 1) Newlin: Basic Seed Research Endowment (\$280,000, Birch investment); and 2) Wiesner: Seed Technology Endowment (\$123,347, Wells Fargo investment).
- He reported that some research proposals were funded in 2022. Thanks to STRF for providing financial incentives for research to our associations.
- In March 2023, the Committee offered a webinar on how to conduct successful research study.
- We will publish the abstracts of the research session paper and posters in our associations Newsletter until we revive Seed Technology.
- Any member need help in designing studies or analyzing data, please contact [riad.baalbaki@cdfa.ca.gov](mailto:riad.baalbaki@cdfa.ca.gov); [karen.richard@bayer.com](mailto:karen.richard@bayer.com); [sabry.elias@oregonstate.edu](mailto:sabry.elias@oregonstate.edu)
- Members of the AOSA/SCST are welcome to send us any suggestions.

Respectfully submitted,

Sabry Elias and Melissa Phillips



## Resolutions Committee

### AOSA/SCST Resolutions Report

June 15, 2023

Saskatoon, SK, Canada

Whereas: the 112th AOSA and 100th SCST annual meetings were held June 10, 2023, through June 15, 2023, at the D in Saskatoon, Saskatchewan, Canada. and

Whereas: the planning committee, and especially CFIA and Seeds Canada developed an excellent meeting agenda; and

Whereas: an excellent array of referees, and posters were presented; and

Whereas: an informative sampling of advanced technologies was presented by the new Advanced Technologies Committee; and

Whereas: Western Skies Solutions, 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: Tagarno, SoDak Labs, Ball, Skyway Analytics, and Anchor Paper Co. 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: Bayer, USDA, SoDak Labs, Nebraska Crop Improvement Association, and Seeds Canada

Be It resolved this June 15<sup>th</sup>, 2023

Respectfully submitted,



## Rules Committee

### **AOSA Rules Committee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

The Rules committee held a virtual open rules discussion prior to the annual meeting. This new virtual format allowed authors extra time to make amendments to their proposals prior to voting. An additional in person meeting was held on June 13 to present the amended proposals, and discuss the new rule submission guidelines, and have any follow up discussions on proposals.

Respectfully submitted,  
Todd Erickson

## Teaching and Training Committee

### **Teaching and Training Committee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

The Teaching and Training Committee held its meeting May 23, 2023, at 10 am MT. Kathy Mathiason started the meeting off with a presentation on the AOSA/SCST/ISMA Joint Project.

We let the group know that with Charlene Burton's retirement, Anitra Walker took over as the Co-Chair from the AOSA side.

There really was not a formal agenda for this meeting but the group had a lot of really good discussion on how we will be able to aid candidates prepare for the exam parts. We have already had volunteers for seed id webinars. The study hall will not be coming back. There are some materials that were used for training that may be posted to the website which will offer more tools for exam candidates.

Respectfully Submitted,

Kathy Mathiason on behalf of Anitra Walker and Angie Croft





## Research/Subcommittee Reports

### Conservation, Reclamation, Tree and Shrub Subcommittee

#### Conservation, Reclamation, Tree and Shrub Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

The Conservation, Reclamation, Tree and Shrubs subcommittee met virtually on May 12th at 11:00 am MST. It was well attended. During the meeting, Gil Waibel presented the website Testing Wild Species. This will be a great resource and Gil is looking for volunteers to help. Please reach out to Gil or myself if you would like to get involved. Currently, this subcommittee is in need of an AOSA co-chair. Please contact me if you would like to be a co-chair.

Respectfully submitted,

Tom Mager.

### Cultivar Purity Subcommittee

#### Cultivar Purity Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

The Cultivar Purity Committee met virtually at 10 AM, CST May-18-2023

Meeting Agenda:

Old Business:

- The Cultivar Purity Handbook edits from 2017 through 2023 are being implemented and in the final formatting stage. The document was viewed in the meeting.
- Updates Include: Preface, Electrophoresis, Hemp, much formatting, and a few items remain before it is completed (Table of Contents, Appendix, Cover page.)
- The goal is to maintain momentum to complete this summer.

New Business:

- Other Topics of Consideration:
  - Continue updating handbook over time.
  - Consider a table of methods by way of committee page or searchable database.



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- STRF Proposal for Wheat HPLC Webinar and Training. Meet this summer to discuss further and/or explore other ideas.
- Update Committee page & Create SOP.

Respectfully Submitted

Diandra Viner, AOSA Co-chair

Doug Miller, SCST Co-chair

## Flower Seed Subcommittee

### Flower Seed Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

The Flower Seed Committee met virtually on Monday May 22, 2023, at 10:00am MT

Salvia hispanica rules proposal was discussed. A germ method was submitted to be added to the AOSA rules table 6A, that was previously accepted into the ISTA Rules.

Sarah did a comparison on the germination methods of flower species in ISTA and AOSA rules. Species were put into germination method categories: only in AOSA rules, only in ISTA Rules, in both AOSA and ISTA Rules, species that have the same germination temp and days options, and species that don't have any germination methods in common. This information will be used to pick species to work on in the future to improve both AOSA and ISTA rules.

Deborah Meyer shared marigold seedling drawings with Sarah to help with the Asteraceae long hypocotyl Seedling evaluation page. While the AOSA/SCST Flower Seed Sub Committee has lots of pictures and some drawings, we hope to get some new flower species families into the AOSA Rules Volume 4 Seedling Evaluation Handbook soon.

Kathy Mathiason has volunteered to be the AOSA co-chair for the Flower Seed committee.

Respectfully submitted.

Sarah Dammen and Kathy Mathiason



## Germination and Dormancy Subcommittee

### AOSA/SCST Germination and Dormancy Committee Report

June 15, 2023

Saskatoon, SK, Canada

On Saturday June 10, 2023, Riad Baalbaki (CDFA), Sabry Elias (OSU), and Lei Ren (CFIA) conducted a germination workshop with 31 participants. The focus covered a range of germination and seedling evaluation topics, with emphasis on improving uniformity among analysts.

On Sunday June 11, 2023, the Subcommittee Co-Chairs attended the AOSA/SCST Joint Board meeting and presented an update regarding the progress of the Seedling Image Database.

On Monday June 12, 2023, the Subcommittee Co-Chairs met briefly with the members of the Seedling Image Review Working Group (WG). Select images from the seedling evaluation surveys will be sent to WG members for their review and evaluation. This process will be utilized to determine if the seedlings selected from the survey are appropriate to be posted on the Seedling Image Database.

The Germination and Dormancy Subcommittee held an open meeting on Tuesday June 13, 2023. The meeting was well attended, and the following issues were presented and discussed:

- The Co-Chairs briefly presented and/or discussed 13 Rules Change proposals submitted in 2022/2023 that were related to germination and dormancy, with five of the proposals being submitted by the Co-Chairs.
- Three significant proposals submitted by the Co-Chairs, which will greatly improve uniformity of seedling evaluations, were related to the evaluation of necrosis in lettuce seedlings and the clarification of when secondary roots can compensate for a missing or defective primary root. The lettuce necrosis evaluation proposal included photos, descriptions, and seedling evaluation classifications.
- Gil Waibel gave a presentation sharing proof-of-concept statistical data for conducting the germination test for pea (*Pisum sativum*) using organic growing media. He will be conducting a validation study in the coming months and is soliciting participating laboratories. He hopes to submit a rule proposal, adding organic growing media to AOSA Rules Volume 1 Table 6A, for 2024.
- The Co-Chairs shared the latest developments related to the continued development of the Seedling Image Database. For all the past seedling surveys that have been sent to analysts to complete, there have been approximately 250 participants. More participation is encouraged and needed. There will be Working Groups created to work on data analysis and interpretation from previous surveys. Once this step has been



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completed, corresponding evaluation information and notes will be added to the database.

- There will be approximately five to seven additional Volume 4 seedling surveys planned for the next twelve months, starting with corn. All analysts are strongly encouraged to participate in the surveys, regardless of their experience with the specific species/s in the survey.

The Germination and Dormancy Subcommittee will continue their efforts to harmonize the AOSA Rules with the ISTA and the ISTA Rules with the AOSA Rules, as much as possible, regarding issues related to germination and dormancy. This effort has been ongoing for the past several years and will continue into the future. This effort is greatly facilitated by having three SCST and AOSA members serving on the ISTA Germination Technical Committee, including D. Johnston serving as the committee Vice-Chair.

Suggestions are encouraged and always welcomed regarding AOSA Rules improvements, ideas to encourage and improve uniformity in testing, as well as harmonization with the ISTA Rules. Questions regarding germination and dormancy are also always welcomed by the Co-Chairs.

Respectfully submitted,

David Johnston, SCST Co-Chair

Riad Baalbaki, AOSA Co-Chair

June 15, 2023

## International Committee

### International Special Committee Report

June 15, 2023

Saskatoon, SK, Canada

On Monday June 12, 2023, the SCST International Committee meeting was held in the absence of the committee Chair Doug Miller (IL Crop Improvement Assoc.). Doug has resigned his position as Chair and the committee needed to select a new Chair. The committee members present nominated and elected David Johnston (LDAF) to become the new Chair, pending approval of the SCST President.

It was discussed that currently the International Committee is only an SCST Committee and not listed as an AOSA Committee in the AOSA Bylaws. The belief of the attending committee members was that the International Committee should be a Joint AOSA and SCST Committee,



since the AOSA Rules are recognized by the Organization of Economic Development (OECD) in their international seed schemes. Currently, AOSA has “observer status” in the OECD.

It is the request of the International Committee members that AOSA leadership consider recognizing and authorizing the establishment of the International Committee as a Joint AOSA and SCST Committee in the AOSA Bylaws, or by any other appropriate action. It is also requested that the AOSA President approve the nomination of David Johnston as the new International Committee Chair.

It is the request of the committee members present that AOSA consider continuing the authorizing and funding of the committee Chair to attend future OECD meetings to promote the AOSA Rules and to represent and promote AOSA and SCST’s interests within the OECD organization.

Respectfully submitted,

David Johnston

## Purity Subcommittee

### Purity Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

Five 2023 purity rule proposals were submitted this year to vote on: Restructuring section 3.8, correct the common name for *Calamagrostis arenaria* (L.) Roth in volume 3 of the rules from beachgrass to European beachgrass and marram grass, changing the reported percentage of PLS from whole number to two decimal places, add quinoa purity weights and germination, and to clarify that the mechanical seed counting process outlined may be used to determine the number of seeds contained in a sample of additional crop kinds not listed.

Next two new purity working group projects were presented: review of purity testing rules looking for lack of clarity, inconsistencies and needed cross-referencing and review of common names used in the rules for similarity with GRIN database, PLANTS database, regulatory, marketing, and regional usage. The membership was asked about volunteering for these two projects.

Four purity testing issues were presented: importance of correct application of PSU definitions during purity analyses, samples with large quantities of mulch, lawn grass pods, and seed quilts.



Last July the subcommittee conducted a survey of AOSA/SCST members regarding The Uniform Blowing Procedure and the survey report is available on the Purity Subcommittee webpage. A few update pages will soon be available for the purity testing handbook in response to recent changes to the AOSA Rules and will be posted on the subcommittee webpage. Seed ID guides were also mentioned that are available on the site with room to add more in the near future. Finally, a presentation on the ISMA factsheet and Seed Image Project was presented by Kathy Mathiason.

Respectfully submitted,

Nishit Patel, AOSA Co-chair

Deborah Meyer, SCST Co-chair

## Seed Moisture Subcommittee

### Seed Moisture Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

The Seed Moisture Committee met Virtually by Zoom on Thursday June 1 at 10:00 -11:00 am PST.

*Sabry Elias, Chair*

- Thirteen people attended the meeting.
- The Chair welcomed the attendees.
- Sabry provided a review of some processes in moisture testing. The PP presentation covered the following topics, which are included in the 2<sup>nd</sup> version of the 'Seed Moisture Determination: Principles and Procedures' Handbook (2018):
  - ✓ Calibrating air-ovens for temperature uniformity.
  - ✓ When to retest moisture samples.
  - ✓ Procedure of determining moisture content for species not included in Table 5 of the Handbook.
  - ✓ Determining the size of screen for coarse and fine seed grinding. How to calibrate seed grinders?



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- ✓ Determination of the size of containers used in drying seeds in relation to sample size.
- ✓ Eliminating the pre-drying requirements for seeds with high moisture content based on a study conducted by the Moisture Handbook Authors.
- ✓ Species in Table 5 of the Moisture Handbook- Validation and Expansion.
- ✓ Suggested data sheet to collect seed moisture results.
- We propose exploring the possibility of conducting proficiency tests for various species.
- The Chair asked for volunteers from AOSA and SCST to step up and replace the current chair. Non from the attendees was interested. Please, email [sabry.elias@oregonstate.edu](mailto:sabry.elias@oregonstate.edu), if you are interested and willing to serve in this capacity

Respectfully submitted,

Sabry G. Elias

## Statistics Subcommittee

### Statistics Subcommittee Report

June 15, 2023

Saskatoon, SK, Canada

The committee met virtually by Zoom on Thursday June 1 at 9:00 -10:00 am PST.

*Sabry Elias and Karen Richard, Chairs*

#### Mission Statement

The Statistics subcommittee assists seed analysts in designing experiments and analyzing data to validate and improve seed testing methods, conduct referee, rule change proposals, and validation studies. In addition, it helps educating seed analysts in principles of statistics and tolerances through conducting workshops, webinars, and one-on-one advice.

The Statistics committee conducted a webinar in 3-20-2023 on “How to Conduct Successful Research Study”.

On Thursday June 1, the committee conducted the virtual meeting by Zoom. Twenty-two people attended the meeting.

- Sabry and Karen welcomed the attendees.



Analyzeseeds.com

- Dr. Riad Baalbaki presented a PP presentation on procedures for establishing number of seeds per gram and minimum weight for purity and noxious weed examinations of new species. Dr. Baalbaki introduced the Excel calculator that will be used in the calculations.
- The Statistics committee will communicate with the Rule committee and the Purity committee to place a link for the new calculator in the “Purity Committee” webpage and a like will be in the Stat. Committee as well.
- The AOSA/SCST will be able to access the calculator to be used in the new rule proposals for establishing the weight for purity and noxious weed examinations of new species or verifying current weights in the rules.
- Sabry asked the attendees to let the committee Chairs know whether they need a workshop or webinar in the coming year.
- We encourage any member in AOSA/SCST to let us know if they need help in designing a study or analyzing data by contacting Riad Baalbaki, Karen Richard, or myself.  
[riad.baalbaki@cdfa.ca.gov](mailto:riad.baalbaki@cdfa.ca.gov); [karen.richard@bayer.com](mailto:karen.richard@bayer.com); [sabry.elias@oregonstate.edu](mailto:sabry.elias@oregonstate.edu)
- Currently, there is a revised version for conducting and preparing rule change proposals on the Rule committee website. Members of the AOSA/SCST are encouraged to check it before they start a new proposal.
- Members of the AOSA/SCST are welcome to send us any suggestions or comments.

Respectfully submitted,

Sabry Elias and Karen Richard

## **Tetrazolium Subcommittee**

### **Tetrazolium Subcommittee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

Report not submitted for proceedings.





## Vigor Testing Subcommittee

### **Vigor Testing Subcommittee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

The Vigor Committee held our meeting virtually on May 17, 2023. The meeting was well attended. During the meeting, we had three people do presentations. Ginny Trevino presented her master's paper which demonstrated the work she had been doing to see if there was a correlation between the cool test and emergence during early planting in Texas. Miranda Smidt presented an update on STRF funded research on cotton cool test and vegetable vigor. Tim Loeffler gave an ISTA update. We briefly went over a survey that was done the previous year. We also encouraged anyone that was working on vigor testing to present their work here. If anyone has any suggestions for the committee, please reach out to the chairs.

Respectfully submitted.

Laura Carlson SCST Co-Chair

James Smith AOSA Co-Chair



## **SCST Committee Reports**

### **Audit Committee**

#### **SCST Audit Committee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

The SCST Audit Committee met with the SCST President and Vice president on Wednesday, June 14, 2023, at the Delta Hotel, Saskatoon, Saskatchewan, Canada. The Audit Committee reviewed the monthly financials that were provided by the President. All financial records were found to be in order.

Respectfully submitted,

Randy Crawl, RST

Zach Duray, CGT

### **Ethics Committee**

#### **SCST Ethics Committee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

On June 14<sup>th</sup>, 2023, the SCST Ethics Committee met with the Executive Director at the annual meeting. There were no Ethics issues reported in the last calendar year and no outstanding issues. The current rule proposal changes were discussed as well as the proposal to perform a webinar on how to file an ethics complaint and process education.

Your SCST committee includes Rachel Henricks, chair; Brent Reschly co-chair; Kathy Mathiason. Absent were Angela Croft and Doug Miller and Shannon Hofstadter.

Respectfully submitted, Rachel Henricks, Brent Reschly

### **Historian/Necrology Committee**

#### **SCST Necrology Report**

**June 15, 2023**



### **Saskatoon, SK, Canada**

Donald Ogawa, 70, of Caldwell, ID, passed away at his home on September 27, 2022, following a multi-year battle with cancer.

Don was born April 14, 1952, in Nampa, Idaho. He graduated from Middleton High School in 1970. He attended Boise College for a time. Early in his career he managed the Karcher Ranch Market, worked for Idaho Sand & Gravel, Max Lewellin Insurance and several years for Iseri Insurance in Ontario, OR. Most of his career was spent as a registered seed technologist employed by The Crookham Company from where he retired in 2017.

Don's lifetime interests were fishing, hunting, bowling, and community service. He treasured the countless fishing trips with his close friends and family. He enjoyed bird hunting and traveled to participate in countless regional bowling tournaments. His community involvement was extensive. He donated considerable effort and resources to the creation of the Caldwell Japanese Densho Garden. He was extremely dedicated to the Caldwell Exchange Club for roughly four decades. Over the years, he also participated in the Caldwell Jaycees, Caldwell Independent Insurance Agents Association, Coalition for Agriculture's Future, and the Caldwell Chamber of Congress helping coordinate the annual agricultural tour.

Don is survived by his mother, Lilly Yamaki; stepmother Judi Ogawa; brothers Ed Ogawa and Jeff Zmuda (Cheryl); sisters June Ogawa, Kapri Zmuda, and Wendi Zmuda-Scott; daughter Melissa McGladrie (Randy); grandchildren Tanner (Brooke), Kyle, Ryan, and Hannah McGladrie. Also, Cecilia Hiatt; Anthony Ogawa; Alexander McMains (Kuemei); Kristi Hendry (Rolando); Trina Reyna (Robert); Marcus Ogawa. As well as Aunt Ida Ogawa, Uncle Tom Ogawa, and Uncle Ken Ogawa (Yuki); beloved friends and dozens of cousins.

Don was preceded in death by his father, Mos Ogawa; stepfather Bill Yamaki; Uncles and Aunts: Todd Ogawa, Yosie Ogawa, Fumi Ogawa, Mary and Tommy Miyasaki, Tak and Emmy Ogawa, May Ogawa, Short Fujikawa, Shiz and Irene Fujikawa, and June and Nancy Fujikawa; Cousin Wendy Fujikawa; and close friend Richard "Dick" Jones.

He embraced the concept that Families are Forever. His generosity and willingness to serve his family and the community will be greatly missed.

No funeral service will be held. A memorial gathering will be held at a later date. Condolences may be left at [www.dakanfuneralchapel.com](http://www.dakanfuneralchapel.com)



## Nominating Committee

### Nominating Committee Report

June 15, 2023

Saskatoon, SK, Canada

The nominating committee of the SCST had Executive Director, Kelly Polzin distribute an e-mail appealing to the membership for nominees for the office of Vice President and the office of two Director-at-large positions. The Vice President position is a two-year term followed by two years as President of the SCST. The Director-at-large position is for a three-year term. We received two nominations for the Vice President, and both accepted. We received ten nominations for the Director-at-large positions and three agreed to serve if elected.

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

Quinn Gillespie of Universal Seed LLC in Oregon won the election to the office of Vice President.

Marija Topic of Crookham Company in Idaho and Molly Richeson of AgReliant Genetics in Illinois were elected to fill the Director-at-large positions.

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

Respectfully submitted,

Brad Johnson, RST/RGT, Chairman



## AOSA Committee Reports

### Liaison Committee

#### AOSA Liaison Committee Report

June 15, 2023

Saskatoon, SK, Canada

#### Liaison Committee report

The Liaison Committee met June 13, 2023, from 12:30pm to 1:30pm. Those in attendance included Jeff Claxton (AASCO), Steve Beals and Melissa Philips (SCST), Krista Erikson (Seeds Canada), Janine Maruschak and Lisa Kirkham (CFIA), Steve Jones and Keshavulu Kunusoth (ISTA), Todd Erikson (USDA), James Smith and Johnny Zook (AOSA), and Jess Peterson (WSS).

An informal meeting commenced discussing the need/desire to have more crossover participation in each other's organizational meetings to help create strong contact points and help with harmonization efforts. Meeting schedules should be coordinated, as much as possible, to allow time for people to travel more easily.

Virtual Meetings were discussed and virtual attendance at meeting was considered. Even short video messages that can be shared can help to keep the presence of each affiliated organization "visible". Participants expressed interests in the hybrid virtual/in-person meeting and in knowing the results of the AOSA/SCST meeting survey. The idea of keeping Open Rules discussions online and 'open' or 'free' to everyone might be a good idea to get as much input as possible.

The group expressed concerns over the shortage of seed analysts and the changing dynamics of the newer workforce. Employees have new expectations and new life plans. How do we get people to choose a career in seed testing? Do we need support from other seed industry groups? What technologies can be used to help seed analysts do their work and give them more flexibility in doing their work?

It was decided that a draft "Statement of the Affiliates" would be written and presented to the group for approval. The idea being the Affiliates would all sign the document and this document could be used to express the issues we are facing with staffing, make suggestions for ways to improve, and seek support for the seed testing industry.

Respectively submitted,  
Johnny Zook



## Audit Committee

### AOSA Audit Committee Report

June 15, 2023

Saskatoon, SK, Canada

#### AOSA Financial (Audit) Committee Report

As per the AOSA Bylaws the Financial Committee arranged for a virtual audit of AOSA finances by AOSA members independent of the AOSA Board. The following people met virtually on June 5<sup>th</sup> and June 13<sup>th</sup> to review the financial processes and records of AOSA:

Janine Maruschak, AOSA Secretary Treasurer,

James Smith, Vice President

Johnny Zook, President

Kristen Albers (Robertson), BDO representative (BDO provides financial services as part of WSS contract)

Diandra Viner, Minnesota Department of Agriculture Lab, AOSA member independent of the Board,

Andrae McMillian, Alabama State Lab, AOSA member independent of the Board.

Kristen, Johnny 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 and view only access of all bank accounts for the Secretary Treasurer etc. A written description of these processes was provided to those present. The AOSA member reviewers were diligent in their review and commented that the documentation to support financial transactions was comprehensive and traceable. Johnny noted a few transactions that appeared to have deposits related to the SCST training manual. WSS will review and provide financial documents confirming that if there is an error in directing the deposit to AOSA rather than SCST they will be corrected. There were no other issues identified by the participants during this review audit of the Association finances.

Respectfully Submitted,

Janine Maruschak



June 15, 2023

Addendum, July 10, 2023: Kristen Albers and Kelly Polzin investigated and found that the website had correctly distributed the publication sales to AOSA.

## **By-Laws Committee**

### **AOSA By-Laws Committee Report**

**June 15, 2023**

**Saskatoon, SK, Canada**

AOSA By-Laws Committee Report June 15, 2023, Saskatoon, Saskatchewan Canada

The virtual meeting of the Bylaws committee was held on May 18, 2023. There were 21 people in attendance. We discussed 12 Bylaw changes that were submitted. Of the 12, 4 were amended and 2 were withdrawn. Bylaw proposals ranged from simple verbiage corrections to adding 2 new Articles.

By-law proposal #3 was amended to include the Vice President as the temporary chair should a vacancy occur.

By-law proposal #4 was amended to recognize Canada's analysts' accreditations as equivalents to AOSA and SCST.

By-law proposal #5 was amended for verbiage (AOSA Consolidated Exam Committee)

By-law proposal #9 was amended to include how members were to be notified of fee/dues increases.

#6 and #12 were withdrawn due to lack of supporting information. These will be revisited in the coming year.

The other proposals were discussed, and no changes were made.

Respectfully submitted, Lynn Robinson

AOSA Bylaws chairperson



## AOSA Membership Committee

### AOSA Membership Committee Report

June 15, 2023

Saskatoon, SK, Canada

This past year the membership committee had 6 people/groups apply for membership to AOSA. Two of the applicants did not fulfill the requirements for AOSA membership. They were referred to SCST. Of the 4 people/groups submitting membership they were reviewed and passed on to the AOSA Executive board for discussion and then presented to the membership for approval. All four applicants were accepted.

Respectfully Submitted,

Kathleen Willey

AOSA Membership Chairperson.

## Elections Committee

### AOSA Elections Committee Report

June 15, 2023

Saskatoon, SK, Canada

This year, 2023, three Executive Board Members finished their terms of service and the AOSA wants to thank Victor Vankus, Bridget Westfall, Don Robison, and Leslie Beatty for all their work and leadership support.

We had 17 nominations sent to our committee from the AOSA membership. Seven of them accepted their nominations and were in the elections this year.

Our newly elected 3-year Executive Board Members are Victor Vankus from Georgia and Shanne Stapleton from Virginia. Our new 1-year Executive Board members are Kyle Arvin from New York and Diandra Viner from Minnesota.

We had no nominees for the Secretary/Treasurer position. Congratulations and thank you to all the candidates.

Thanks to all who submitted nominations, and to all those who worked faithfully to make this a successful election year.

Respectfully submitted,

Pam Bridgeman, Chairman





## Meeting Attendees

First	Last	Organization
Michael	Aberle	Ransom Seed Laboratory
Tyann	Alexander	SGS
Mark	Anfinrud	Sesvanderhave USA
Hosna	ara Begum	SGS Sherwood Park AB Canada
Kyle	Arvin	New York State Seed Testing Lab
Reylyn	Balagosa	Discovery Seed Labs
Shirley	Baraniski	Discovery Seed Labs
Linda	Barbosa	Sakata Seed America
Steve	Beals	Illinois Crop Improvement Association, Inc., SCST President
Nadine	Beaudoin	Sollio Agriculture
Jess	Blake	Iowa State University Seed Lab
Pam	Bridgeman	Wyoming Seed Analysis Lab
Kalyn	Brix	SoDak Labs Inc.
Pat	Brownfield	ADM - Edible Beans
Loretta	Buhler	Ag Seed Lab-Nutrien Ag Solutions
R. Kevin	Buis	AB Seed Laboratory
Grace	Callaway	
Eunsoo	Choe	Illinois Crop Improvement Association, Inc.
Jeff	Claxton	Texas Department of Agriculture
Barbara	Cleave	Sakata Seed America, Inc.
Laura	Clift	Corteva Agriscience
Matt	Conway	Corteva Agriscience
Randy	Crowl	Colorado Seed Laboratory
Sarah	Dammen,	SGS
Tera	Davis	Syngenta Seeds
Edna A.	Delino	INCOTEC
Erin	deNijs	Kent Agri Lab Ltd
Mylene	Desautels	Synagri
Susan	Dobie	20/20 Seed Labs Inc.
Laura	Donaldson	Indiana Crop Improvement Association
Leanne	Duncan	CFIA
Zach	Duray	Illinois Crop Improvement Association, Inc.
Emily	Dusold-Kroeger	Anchor Paper Company
Sabry	Elias	Oregon State University Seed Laboratory
Omar	Elsharkawy	J.G. Boswell Company
Krista	Erickson	Seeds Canada
Todd	Erickson	USDA Seed Regulatory & Testing Division



Neal	Foster	South Dakota Crop Improvement Association
Sarah	Foster	20/20 Seed Labs Inc.
Jill	Gagnon	Tagarno USA Inc.
Monica	Garcia	Corteva Agriscience
Rachel	Geary	South Dakota State University Seed Testing
Hannah	Gillen	SDSU Seed Testing Laboratory
Quinn	Gillespie	Universal Seed Company
Rasanwada	Godakanda	University of Saskatchewan
Asanka	Godanka	Canadian Food Inspection Agency
Lisa	Greenan	Seed Check Technologies Inc.
Kelly	Grief	Corteva Agriscience
Kurt	Gutormson	SoDak Labs Inc.
Kyle	Gutormson	SoDak Labs Inc.
Rachel	Henricks	Henricks Seed Lab
Katlyn	Hitz	Magno Seed LLC
Kaitlin	Houghtby	Bayer Crop Science
Fanny T.	Javier	INCOTEC
Brad	Johnson	Bayer Crop Science
David	Johnston	Louisiana Dept. of Ag & Forestry
Desirae	Jones	Seneca Foods
Lisa	Kirkham	CFIA SSTS
Trevor	Kuechenmeister	SoDak Labs Inc.
Dr. Keshavulu	Kunusoth	ISTA
Shari	Lafreniere	20/20 Seed Labs Inc.
Stacy	LaMastra	Idaho State Seed Lab
Julie	Lu	CFIA
Dawn	Lungul	Nutrien Ag Solutions (Canada) Inc.
Tom	Mager	Indiana Crop Improvement Association
Janine	Maruschak	CFIA
Kathy	Mathiason	SDSU Seed Testing Laboratory
Carey	Matthiessen	20/20 Seed Labs Inc.
Taran	Meyer	CFIA
Drew	Miller	Iowa State University Seed Lab
Shaminder	Miranpuri	Wisconsin Crop Improvement Association
Brigette	Moore	Kent Agri Lab Ltd
Emily	Morrison,	Indiana Crop Improvement Association
Moses	Palmer	20/20 Seed Labs Inc.
Tauhid	Parvez	SGS Sherwood Park AB Canada
Nishit	Patel	Pennsylvania Department of Agriculture
Maribel	Pena	Ransom Seed Laboratory
Cate	Perkins	University of Kentucky Seed Lab
Jason	Perrault	Seedway
Melissa	Phillips	Bayer Crop Science, SCST Vice President
Kelly	Polzin	AOSA/SCST Director of Membership Services
Ernesto	Provenzano	TAGARNO USA, Inc.



Lei	Ren	CFIA
Brent	Reschly	Syngenta Seeds
Karen	Richard	Bayer Crop Science
Molly	Richeson	AgReliant Genetics
Maggie	Risher	Bayer Crop Science
Christopher	Roberts	Corteva Agriscience
Lynn R.	Robinson	Nebraska Crop Improvement Assoc.
Adam	Schrankler	Minnesota Department of Agriculture
Taylor	Scott	Skyway Analytics
Valeria	Silva	HM Clause
Bret	Small	Beck's Hybrids
Miranda	Smidt	SoDak Labs Inc.
James	Smith	MDAC Bureau of Plant Industry, AOSA Vice President
David	Stimpson	Oregon State University Seed Laboratory
Sharmila	Sunwar	Sakata Seed America, Inc.
Brandie	Taylor	ADM - Edible Beans
Vincent	Tetreault Ricard	Synagri
Marija	Topic	Crookham Company
Greg	Trabka	Ball Horticultural Co.
Brent	Turnipseed	SDSU Seed Testing Laboratory
Sally	Vail	Agriculture & Agri-food Canada
Steven	Van Tassel	Golden Willow Seeds
Victor	Vankus	USDA Forest Service
Gil	Waibel	Bayer Crop Science
Suzy	Walsh	Syngenta Seeds
Ruojing	Wang	CFIA
Yimeng	Wang	CFIA
Morgan	Webb	Seed Check Technologies Inc.
Bridget	Westfall	Montana State Seed Testing Laboratory
Liang	Zhao	CFIA
Johnny	Zook	Pennsylvania Department of Agriculture, AOSA President



## **SCST Meritorious Service Award, Honorary Members, Gavel Club**

### **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 R. 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, Laverne, 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 Hackett, 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 None 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
- 2017 Reginald Denny Hall, University of Wyoming Seed Lab, Powell, WY
- 2018 Gil Waibel, Indiana Crop Improvement, Lafayette, IN



- 2019 Jennifer Pernsteiner, Minnesota Crop Improvement Association, St. Paul, MN
- 2020 Sue Alvarez, Ransom Seed Lab, Carpinteria, CA
- 2020 Michael Stahr, Iowa State University, Ames, IA
- 2021 None presented
- 2022 Heidi Jo Larson, SGS, Brookings, SD
- 2023 Jane Penrose, Agri Seed Testing, Salem, OR

## 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 Galbraith, Indiana Crop Improvement Association, Lafayette, IN
- 2016 Al Hoffman & Mike and Sherri Bartoz, Hoffman Manufacturing, Jefferson, OR
- 2017 Loren Wiesner, retired, USDA National Germ Plasm Resource Center Milliken, CO
- 2018 \*Randy Goff, Mustang Seeds, Madison, SD
- 2019 Riad Balbaaki, California Department of Food and Agriculture, Sacramento, CA



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2020 Janine Maruschak, CFIA Saskatoon Laboratory, Saskatoon, Saskatchewan, CN

2021 Ernest Allen, USDA Seed Regulatory and Testing Division, Gastonia, NC

2022 Bob Price, CDFA Seed Laboratory, Sacramento, CA

2023 No award presented

\*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 Oppel

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





\*Joseph E. Barnes

\*Katherine H. Koos

\*Harold O. Thornes

\*Mary E. Lamphier

Harley M. Reeder

\*Elva L. Norris

\*Charles C. Abbott

\*Mary K. Ryman

\*Joseph T. Charmella

\*Ivah H. Clark

Robert H. Edwards

Lucy Neill

Lloyd Smith

\*R. Jane Barris

\*Coralie Wilson

David McClure

\*Cecilia Kollack

Charlotte Jennings

Paul Johnson

Guin Jenanyan

1950 Washington D.C.

1951 Guelph, Ontario, Canada

1952 Lafayette, IN

1953 Lincoln NE

1954 Ames, IA

1955 Stillwater, OK

1956 Sacramento, CA

1957 Baton Rouge, LA

1958 Montreal, Quebec, Canada

1959 Bozeman, MT

1960 Springfield IL

1961 Richmond, VA

1962 Miami Beach, FL

1963 Ft. Collins, CO

1964 Rochester, NY

1965 Lexington, KY

1966 Vancouver, BC

1967 Madison, WI

1968 Atlanta, GA

1969 Sacramento, CA

1970 Jefferson City MO

1971 Raleigh NC

1972 Salt Lake City, UT

1973 Ottawa, Ontario, Canada

1974 Little Rock, AR

1975 Portland, OR

1976 Hershey, PA

1977 Amherst, MA

1978 Lincoln, NE

1979 Saskatoon, Sask., Canada

1980 Des Moines, IA

1981 Orlando, FL

1982 Corpus Christi, TX

1983 Ottawa, Ontario, Canada

1984 Boise, ID

1985 Richmond, VA

1986 Minneapolis, MN

1987 Sacramento, CA

1988 Rochester, NY

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
	1998 Boise, ID
Michael O'Neil	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
David Stimpson	2017 Denver, CO
	2018 Raleigh, NC
Heidi Jo Larson	2019 Sparks, NV
	2020 None Held
Steve Beals	2021 Virtual Meeting
	2022 Skokie, IL
Melissa Phillips	2023 Saskatoon, SK, Canada

\*deceased

Gavel club is the year where President was sworn in.



## AOSA Honorary Members, Past Presidents

### AOSA Honorary Members

Doris Baxter	California
Jennie Bloodgood	New Jersey
Ellen Chirco	New York
Dr. Larry Copeland	Michigan
Haniford Day	Maryland
Wendell Ditmer	West Virginia
Gail Fenderson	Oklahoma
Dwight Forsyth	Wisconsin
Dr. Wayne Guerke	Georgia
Ralph Hoffman	Pennsylvania
Louise Jensen	Oregon
James Lair	Illinois
Dr. Arnold Larsen	Colorado
Milton Meadows	Florida
William Rice	Massachusetts
Malcolm Sarna	Maryland
Jane Skinner	Louisiana
Wayne Still	Kentucky
George Spain	North Carolina
E.W. Sundermeyer	Missouri
Dr. Dennis TeKrony	Kentucky
Vivian Toole	North Carolina
Thomas Umstattd	Missouri
Loren E. Wiesner	Colorado
Don Grabe	Oregon
Annette Miller	Colorado
Deborah Meyer	California
Roger Burton	North Carolina

### AOSA Merit Award Recipients

1959 C.W. Legatt, R.H. Porter, E. H. Toole  
1960 Albina Musil  
1961 Edgar Brown  
1962 O.L. Justice



1963 C.M. Bass  
1964 A.S. Carter  
1965 Duane Isely  
1966 B.F. Forward  
1967 W.A. Davison  
1968 Benjamin E. Clark  
1969 Louisa A. Jensen  
1970 Leroy E. Everson  
1971 E.J. (Jess) Doyle  
1972 Claude Heit  
1973 C. Bernard, W. Rogers  
1974 Vera Colbry  
1975 Louis N. Bass  
1976 Ray Kinch  
1977 Edgar Sundermeyer  
1978 Don Grabe  
1979 E. E. Hardin  
1980 James Delouche  
1981 Dwight D. Forsyth  
1982 Arnold Larson  
1983 Wendell F. Ditmer  
1984 Milton Meadows  
1985 R.P. Moore  
1986 George Spain  
1987 Loren Wiesner  
1988 T. Wayne Still  
1989 Gail Fenderson  
1990 Charles Abbott  
1991 A.B. (Sandy) Ednie  
1992 Rodger Danielson  
1993 No Award Presented  
1994 Larry O. Copeland  
1995 Dennis TeKrony  
1996 Richard C. Payne  
1997 No Award Presented  
1998 Doug Ashton



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1999 Deborah Meyer  
2000 Charles Baskin  
2001 No Award Presented  
2002 No Award Presented  
2003 Lee Daughtry  
2004 Jim Lair  
2005 Ellen M. Chirco,  
2006 Joe Garvey, Miller McDonald  
2007 Wayne Guerke  
2008 No Award Presented  
2009 No Award Presented  
2010 Miller McDonald  
2011 Richard C. Payne  
2012 Susan Maxon  
2013 Deborah Meyer  
2014 Gil Waibel  
2015 Michael Stahr  
2016 Adriel Garay  
2017 Sabry Elias  
2018 Sue Alvarez  
2019 Riad Baalbaki & Annette Miller  
2020 No Award Presented  
2021 No Award Presented  
2022 No Award Presented  
2023 No Award Presented



## E.H. Jenkins AOSA Past Presidents Club

<b>Year</b>	<b>Past President</b>	<b>Meeting Place</b>
1908	*E. H. Jenkins	Washington D.C.
1909	*E. H. Jenkins	Boston, MA
1910	*E. H. Jenkins	Washington D.C.
1911	*E. H. Jenkins	Columbus, OH
1912	*G. I. Christie	Cleveland, OH
1913	*G. P. Burns	Washington D.C.
1914	*W. L. Oswald	Washington D.C.
1915	*W. L. Oswald	Columbus, OH
1916	*E. D. Eddy	Minneapolis, MN
1917	*A. L. Stone	Detroit, MI
1918	*G. T. French	Baltimore, MD
1919	*Harold DeMott Hughes	St. Louis, MO
1920	*Edgar Brown	Chicago, IL
1921	*George Harold Clark	Toronto, ON
1922	*F. W. Taylor	Chicago, IL
1923	*F. W. Taylor	Cincinnati, OH
1924	*Mancel T. Munn	Washington D.C.
1925	*Anna M. Lute	Kansas City, MO
1926	*W. H. Wright	Ithaca, NY
1927	*W. H. Wright	Detroit, MI
1928	*Eben H. Toole	New York, NY
1929	*Forrest S. Holmes Sr.	Des Moines, IA
1930	*A. L. Stone	Cleveland, OH
1931	*C. W. Leggatt	Toronto, ON
1932	*Fred H. Hillman	Fargo, ND
1933	*O. A. Stevens	Chicago, IL
1934	No Meeting Held	
1935	*W. L. Gross	St. Paul, MN
1936	*William Orr Whitcomb	Rochester, NY
1937	*George Arthur Elliott	Washington D.C.
1938	*Emma F. Sirrine	Guelph, ON
1939	*Leland N. Allen	Madison, WI



1940	*R. H. Porter	Auburn, AL
1941	*Charles "Hugh" Niman McIntyre	Ames, IA
1942	*F. H. McLaughlin	Lexington, KY
1943	*Charles A. Stahl	No Meeting Held
1944	*Charles A. Stahl	Columbus, OH
1945	*Norman G. Lewis	No Meeting Held
1946	*Norman G. Lewis	East Lansing, MI
1947	*G. P. Steinbauer	Richmond, VA
1948	*Raymond C. Kinch	Springfield, IL
1949	*H. L. Weir	Corvallis, OR
1950	*Altice S. Carter	Washington D.C.
1951	*Louisa A. Kanipe	Guelph, ON
1952	*Bower F. Forward	Lafayette, IN
1953	*W. C. Pfaender	Lincoln, NE
1954	*Duane Isley	Ames, IA
1955	*Buford Jones	Stillwater, OK
1956	*Oren L. Justice	Sacramento, CA
1957	*W. D. Hay	Baton Rouge, LA
1958	*Benjamin E. Clark	Montreal, QC
1959	*Leroy E. Everson	Bozeman, MT
1960	*Lester C. Shenberger	Springfield, IL
1961	*Carroll M. Bass	Richmond, VA
1962	*E. Jess Doyle	Miami Beach, FL
1963	*Dwight D. Forsyth	Fort Collins, CO
1964	*Milton V. Meadows	Rochester, NY
1965	*Paul J. Hall	Lexington, KY
1966	*Edgar W. Sundermeyer	Vancouver, BC
1967	*C. Bernard W. Rogers	Madison, WI
1968	*Elmo E. Winstead	Atlanta, GA
1969	*Harry L. Smith	Sacramento, CA
1970	*Wendell P. Ditmer	Jefferson City, MO
1971	*Edward E. Hardin	Raleigh, NC
1972	*Lois N. Bass	Salt Lake City, UT
1973	*George E. Spain	Ottawa, ON
1974	*Thomas E. Cuddy	Little Rock, AR
1975	*William N. Rice	Portland, OR



1976	*Don F. Grabe	Hershey, PA
1977	*Francis William Shelby Dale	Amherst, MA
1978	*Ralph Hofmann	Lincoln, NE
1979	James C. DeLouche	Saskatoon, SK
1980	*Arnold Larsen	Des Moines, IA
1981	*Charles C Abbott	Orlando, FL
1982	Loren Wiesner	Corpus Christi, TX
1983	*Gail Fenderson	Ottawa, ON
1984	Rodger Danielson	Boise, ID
1985	T. Wayne Still	Richmond, VA
1986	Ellen Chirco	Minneapolis, MN
1987	David Svik	Sacramento, CA
1988	Allen Knapp	Rochester, NY
1989	*William "Buddy" Vaughan	Peoria, IL
1990	*Dr. Charles C. Baskin	Annapolis, MD
1991	Dr. Wayne R. Guerke	Lexington, KY
1992	Dr. Wayne R. Guerke	Oklahoma City, OK
1993	James Lair	Fort Collins, CO
1994	James Lair	Portland, OR
1995	Deborah Meyer	Sacramento, CA
1996	Deborah Meyer	Milwaukee, WI
1997	Robert Karrfalt	Savannah, GA
1998	Robert Karrfalt	Boise, ID
1999	Richard Lawson	Omaha, NE
2000	Richard Lawson	Ames, IA
2001	Kathleen Willey	Albuquerque, NM
2002	Kathleen Willey	Sioux Falls, SD
2003	Lee Daughtry	Seattle, WA
2004	Lee Daughtry	Tunica, MS
2005	Ellen Chirco	Saskatoon, SK
2006	Ellen Chirco	Indianapolis, IN
2007	Brent Turnipseed, acting Jan-Jun 2007	Cody, WY
2008	Brent Turnipseed	St. Paul, MN
2009	Brent Turnipseed	Fort Collins, CO
2010	Michael Stahr	St. Louis, MO
2011	Michael Stahr	Fort Collins, CO





2012	Dan Curry	Des Moines, IA
2013	Dan Curry	Boise, ID
2014	Susan Reed, acting 6-2013 – 6-2014	Fargo, ND
2015	Susan Reed	Tampa, FL
2016	Susan Reed	Portland, OR
2017	Randy Crawl	Denver, CO
2018	Randy Crawl	Raleigh, NC
2019	Michael Stahr	Sparks, NV
2020	Michael Stahr	No Meeting Held
2021	David Johnston	Virtual Meeting
2022	David Johnston	Skokie, IL
2023	Johnny Zook	Saskatoon, SK, Canada