

**The Potato Association of America
105th Annual Business Meeting
July 28, 2021, 4:00 – 6:00 pm ET**

1. The PAA Annual Business Meeting was called to order by the president, Mark Pavek at 4:00PM ET on Wednesday, July 28, 2021 during the 105th Annual Meeting held virtually.

2. Remembrance of deceased members and friends.

- Dr. Eric Allen
- Dr. Charles “Chuck” Brown
- Dr. Kenneth L Deahl
- Kay Preston

3. President Pavek called for additions to the agenda.

4. The minutes and reports of the 2020 PAA Annual Business Meeting were reviewed.

MOTION by Larry Hiller, was seconded by Susie Thompson and unanimously passed to approve the minutes of the 2020 Annual Business Meeting.

5. Officer and Staff reports

a. **President** – Mark Pavek provided a written report (see Appendix 1). Mark acknowledged the efforts of AMR (Association Management Resources) administrator Angela Richardson and event manager Erin McLaughlin for their efforts in the society’s operation. Mark highlighted PAA involvement in Potato EXPO and timely publication of Spudman magazine articles. Mark applauded the efforts of those involved in PAA and acknowledged the contributions of outgoing PAA treasurer Larry Hiller.

b. **Treasurer** - Larry Hiller reviewed the PAA’s finances. Information is attached in Appendix 2 and is also included in the “PAA Members Only” section of the PAA website at <http://potatoassociation.org>
Larry acknowledged the efforts of AMR in managing PAA finances. Highlighting the written report, Larry provided an official summary of 2020 finances with a yearly net (income – expenditures) of \$17,545. As a reminder for PAA members, there are two sources of income: membership and journal revenue. Primary concerns are decreasing membership and impact of open access publication mandates on association journal revenue. Larry reminded members that details of the PAA endowments, financial account information can be found under the PAA Member’s Only section of the PAA website. PAA is registered as a nonprofit 501C(3) status in Maine and the society is current with all IRS reporting.

c. **Secretary** – Darrin Haagenon provided a written report (see Appendix 3).

- d. **Administrator** – Angela Richardson provided a full written report to the “PAA Members Only” section of the PAA website at <http://potatoassociation.org> (see Appendix 4).

Some administrator highlights include implementation of membership emails for timely, targeted communication for enhanced membership engagement. Angela summarized work with the Certification section on their section meeting and updated website. Angela worked with treasurer Larry Hiller on financial reporting and the transition to a new PAA treasurer. Angela announced that she earned CAE designation from the American Society of Association Executives on June 16, 2021 and wanted to acknowledge the PAA support during this endeavor. Lastly, Angela acknowledged the efforts of Erin McLaughlin and the AMR event management team in their preparation of a successful 2021 virtual annual meeting.

6. **Standing Committee Reports**

- a. **Editorial Board** – Samuel Essah reported that the American Journal of Potato Research (AJPR) manuscript impact factor dramatically increased from 0.858 (2019) to 1.697 in 2020. There were approximately 110,000 article downloads in 2020 showing a high level of interest in associations potato research publications. Finding article reviewers remains a challenge and negatively impacts turnaround times. There has been a gradual decrease in manuscript submissions with a corresponding increase in withdrawal rate.
- b. **Finance** – Larry Hiller provided written report (see appendix 2).
- c. **Leadership Identification and Development** – Kent McCue summarized the results of the Board elections with 167 members voting. The results are Vice President elect Jeff Miller, Treasurer Bret Nedrow, and the two elected directors for three-year board terms are Ryan Barrett and Tina Brandt.

d. **Awards and Recognition Committee**

- i. **Honorary Life Members** - Kent McCue reported the four 2021 Honorary Life Member inductees are: William Bohl, David Douches, Steven Johnson, and Robert K. Thornton. A formal ‘virtual’ recognition will occur at 5pm ET, July 28, 2021 at the conclusion of the virtual annual business meeting.
- ii. **Frank L. Haynes Graduate Student Research Award** – Paul Bethke reported that 23 graduate students from North America participated in the competition. Winners were formally announced at the conclusion of the virtual annual business meeting.

e. **Association and Industry Outreach:**

i. **Promotion/Communication/Marketing** – Dennis Halterman

Dennis reported a significant increase in social media interactions in 2020 and increases in activity were reported across different social media: Facebook (76% increase in reactions), Twitter (28% increase in followers) and Instagram saw the largest increase with a 250% increase in followers.

Promotional video: a promotional video is being developed with input from the following committee members: Dennis Halterman (chair), Helen Tai, Mark Pavek, Jeff Miller, Rabecka Hendricks, and Angela Richardson. The committee is preparing a script and collecting content with goal for video release at the 2022 Potato EXPO.

f. **Membership** – Helen Tai reported 2021 membership numbers include: 272 individuals, 25 sustaining, 39 student, 65 Honorary Life Members, and 17 Emeritus; totaling 421 members across 20 countries. This represents a 7% loss in membership when compared to the 449 members in 2020. The drop in membership was largely associated with reduced individual membership (272 in 2021) when compared with 305 individual members in 2020.

g. **Standing Rules Document** – Helen Tai reported that work is ongoing to update the standing rules document and Jeff Miller will oversee this implementation with the Board of Directors in Fall 2021.

h. **Site Selection** – Susie Thompson reported the site selection committee will be meeting on Friday, July 30th 2021. Susie summarized future meeting locations: Missoula MT (2022), Prince Edward Island (2023) and Oregon is slated to host the 2024 annual meetings. Mark Pavek commented that if other areas are interested in hosting the annual meeting to please contact the site selection committee and reminded membership that AMRs involvement has dramatically eased the efforts of the host committee in meeting preparations.

7. **Section Reports**

a. **Breeding & Genetics** – Cari Schmitz Carly reported the section met on Monday, July 19th 2021 and discussed updates in polyploid and diploid breeding tools and topics as well as publicly available molecular marker platforms. Two changes in section bylaws were approved: 1) ‘chairman’ was replaced with ‘chair’; 2) to allow section changes at annual meeting to vote by simple majority. New Section officers in 2021 were Josh Parsons (chair), Max (vice-chair) with Noelle Anglin voted in as secretary. A written report was provided (see appendix 5).

b. **Extension, Production & Management** – Kasia Duellman reported the section will be sponsoring the 2023 symposium ‘Managing soil health in potato production systems’ with Mike Thornton (chair), and Carl Rosen, Ryan Barrett serving on the symposium organizing committee. Kasia reported that the section will be meeting July 29th to discuss symposium preparations and officer elections and a written report will be provided (see appendix 6)

- c. **Plant Protection** – Kylie Swisher Grimm summarized that the section had discussed a future vector orientated symposium in effort to attract entomologists and other related disciplines back to the PAA meetings. Jaime Wilbur will be serving as chair with Julie Pasche as vice chair in 2021. Area reports for 2020 and 2021 were discussed among section members and a written report was submitted (appendix 7).
- d. **Physiology** - Amber Walker provided a written report (appendix 8) and summarized that the section is preparing for the 2022 symposium ‘Lifecycle of the potato’. New officers for 2021 include: Darrin Haagenson (chair), Carrie Wohleb (vice), Jacob Blauer (secretary), with Luke Thurgood selected as Director to serve with Aymeric Goyer.
- e. **Utilization & Marketing** – Tina Brandt reported the Section meeting took place on July 13, 2021 that was coincidentally the same day as National French Fry Day! Section members discussed strategies to entice new section members and a guest speaker will be invited to present at the 2022 Section meeting in Missoula. The 2021 Section officers include: Darrin Haagenson (Chair), Mike Larsen (Vice) and Rhett Spear (Secretary) (Appendix 9).
- f. **Certification** – No written report provided. Certification will meet in Washington DC on December 1, 2021.

8. Board of Directors Actions: 2020-2021

The dates following the approved motions below represent the BoD meeting where the action was approved with additional details provided in the minutes of those BoD meetings.

October 2020 – June 2021 – Mark Pavek – Motions Passed

MOTION by Helen Tai to contract Fiverr (up to \$500) for development of a 5-minute PAA promotional video, was seconded by Addie Waxman, and was unanimously approved (11-20-2020).

MOTION by Larry Hiller to share PAA AJPR publication financial information and AJPR Springer income, was seconded by Kent McCue, and was unanimously approved (11-20-2020).

MOTION by Kasia Duellman and seconded by Jeff Miller to approve the Extension, Production, and Management Section sponsorship of the 2023 symposium titled: ‘Managing soil health in potato production systems’, and was unanimously passed (11-20-2020).

MOTION by Larry Hiller to create a longer PAA video with Dennis Halterman serving as committee chair, was seconded by Jeff Miller, and was unanimously approved (12-18-2020).

MOTION by Larry Hiller that PAA BoD accept the proposed management services contract from AMR for three years (2021, 2022, and 2023); Kent McCue seconded, and was unanimously approved (12-18-2020).

MOTION by Larry Hiller that PAA BoD designate the 14 unpaid manuscripts from 2017-2018 into an uncollectable money category with \$10,750 let unpaid, seconded by Dennis Halterman, and was unanimously approved (12-18-2020).

MOTION by Larry Hiller that PAA BoD move the 2021 in-person annual conference to virtual with 2022 annual meeting being held in Montana, and the proposed PEI meeting date will be announced, Dennis Halterman seconded, and was unanimously approved (01-22-2021).

MOTION: Larry moved to pay in this fiscal year the unpaid liability (i.e. bad debt) of one unpaid AJPR manuscript from 2019 in the amount of \$900 (\$800, plus \$100 nonmember author fee), Kent Seconded, and was unanimously approved (04-23-2021).

MOTION: Larry moved to accept the FY21 budget as posted on the website and reviewed, Jeff Miller seconded, and was unanimously approved (04-23-2021).

MOTION: Larry Hiller moved to accept all board nominees and include a write-in ballot space for the treasurer position, Helen Tai seconded, and was unanimously approved (05-21-2021).

MOTION by Helen Tai to appoint Larry Hiller as a strategic advisor to PAA BoD, with the position being reviewed for renewal on an annual basis, was seconded by Jeff Miller and was unanimously passed (6-18-21).

9. New Business

a. Announcement of Graduate Student Competition Winners- Paul Bethke

1st Place: Mr. Francisco Gonzalez, Washington State University, ‘The Effects of Reduced Late-Season Irrigation on Potato, and How Evapotranspiration Differs Across Varieties’

2nd Place: Ms. Thilani Jayakody, Michigan State University, ‘Evaluation of diploid potato germplasm for tissue culture regeneration, tuber quality and self-compatibility’

2nd Place: Mr. William Behling, Michigan State University, ‘The Possibilities and Limitations of Implementing *Solanum verrucosum* Bridge Crosses in Breeding Programs’

4th Place: Mr. Hashim Andidi, North Dakota State University, ‘Evaluation of Metribuzin Sensitivity of Potato Using High Throughput Phenotyping’

5th Place: Ms. Paige Hickman, University of Idaho, ‘Trap Crops and Crop Rotation for Control of the Potato Cyst Nematode’

b. **Outstanding Section Paper of the Year** – Samuel Essah. Each outstanding Section paper of the year was announced.

Breeding and Genetics:

Corresponding Author: Natalie R. Kaiser

‘Genome-wide association analysis of common scab resistance and expression profiling of tubers in response to Thaxtomin A treatment underscore the complexity of common scab resistance in tetraploid potato’

Natalie R Kaiser, Joseph J Coombs, Kimberly J. Felcher, Ray Hammerschmidt, Matthew L. Zuehlke, C. Robin Buell, & David S. Douches

Physiology:

Corresponding Author: N. Richard Knowles

‘Increasing the Production Efficiency of Potato with Plant Growth Retardants’

Graham D Ellis, Lisa O. Knowles, and N. Richard Knowles

Plant Protection:

Corresponding Author: Erik J. Wenninger

“Effects of potato psyllid vector density and time of infection on zebra chip disease development after harvest and during storage.”

Erik J. Wenninger, Nora Olsen, Jeffrey Lojewski, Phillip Wharton, Jennifer Dahan, Arash Rashed, and Alexander V. Karasev

Extension, Production and Management:

Corresponding Author: Xiu-Qing Li

"Effects of earliness on heat stress tolerance in fifty potato cultivars."

Guodong Zhang, Ruimin Tang, Suyan Niu, Huaijun Si, Qing Yang, Benoit Bizimungu, Sharon Regan, and Xiu-Qing Li

c. **Recognition of 2021 Honorary Life Members**

- William ‘Bill’ Bohl (nominated by Asunta Thompson)
- David Douches (nominated by Joseph Coombs and Chris Long)
- Steven Johnson (nominated by Jianjun Hao)
- Robert K Thornton (nominated by Larry K Hiller)

10. **Leadership succession for the PAA**

a. **Recognition of Service: Outgoing Directors and Treasurer**

- Jeff Miller
- Jonathan Whitworth

- Larry K. Hiller; a special tribute video was shared with members highlighting Dr. Hiller's 48 years of service within PAA.

b. Newly elected Vice-President, Treasurer, and Directors

- Vice President – Jeff Miller
- Treasurer – Brett Nedrow
- Director – Ryan Barrett
- Director – Tina Brandt

11. **Passing of Gavel:** The 105th Annual Business Meeting of the PAA concluded with the passing of the gavel from outgoing President Mark Pavek to incoming President Helen Tai.

13. **Adjournment:**

MOTION: moved by Mark Pavek, seconded by Jeff Miller, and unanimously passed to adjourn the meeting at 6:18 PM EST.

Respectfully Submitted,

Darrin Haagenson
PAA Secretary

Appendix 1
President's Report – July 28, 2021

I am pleased to welcome everyone to the annual business meeting of The Potato Association of America.

PAA continues to work in partnership with ARM Association Management regarding the financial and administrative affairs of the society and the annual conference. Angela Richardson is our Administrator and helps keep the Board of Directors and membership informed and current.

Again, this year, we found it necessary to adapt operations to fit within Covid restrictions. This is the second annual virtual meeting. We anticipate holding the 2022 Annual Meeting in Missoula MT. My thanks to Erin McLaughlin, Angela Richardson, and everyone who made this year's virtual meeting possible and has participated with us.

In the agenda you will see a list of the Motions passed by the BoD during the year. Many of which are mundane as to the efficient operation of Society Business. Others increase Society support for outreach and acknowledgement of our members.

Regular outreach activities continued including our participation at the Potato Expo with talks on the exhibition stage and poster session organized by our Vice-president Helen Tai. We also continued our contributions to Spudman magazine with articles on topics pertinent to the seasonal publication from our members.

Dr. Larry Hiller and stepping down as PAA Treasurer. However, we are retaining Larry on the Executive Board to assist with historical and procedural items and actions. I thank Larry for his years of service and for his friendship.

For those of you who have volunteered your time to serve on PAA committees or within any PAA operations and those who have donated money to the organization, I thank you. I am pleased with the quality of the newest PAA members, including our graduate students and newest industry members. Because of their enthusiasm and drive, I think the PAA has a bright future.

To the PAA membership: thank you for having selected me as your president for the past year. It has been an honor and a challenge, and I look forward to my continued contributions to the BoD and the Society in my role as Past-president.

Thank you.

Submitted by: Mark Pavek, President

Appendix 2 Treasurer's Report – July 28, 2021

The financial status and fiscal health status of the Potato Association of America remained positive during FY 2020 and continues to be favorable for the first half of 2021, although there are some minor concerns perhaps on our two primary sources of income – memberships and journal publications. This may or may not be a reflection of the current environment and pandemic situation with both positive and negative responses from changing to virtual activities from actual assemblies. The Association's positive fiscal status is based on the evaluation of our annual budget, various bank accounts, savings and CD investments, and our two endowments with the University of Maine Foundation. Since this is my last report as Treasurer, I wish to give a complete status report and overview of the PAA fiscal aspects with some observations and thoughts for the future.

Annual Budget

I. Income – two principle sources of income for the society are memberships and the journal.

A. Memberships

		2021 paid	2020 paid
IM		272 (328)	305
GS		39 (59)	39
EM +			
EM-10yr	17		17
SM		25 (28)	25
HLM		68	

B. Journal 2020 final

1. Stipend	\$ 8,000		
2. Royalty	20,371	(range = \$16,400 to 25,800)	\$17,121 in 2021
3. PAA charges	42,400	(range = \$23,000 to 55,000)	
+ Non-Mbr fee	1,800	(range = \$ 400 to 2,000)	

C. Endowments

	2020	2021
1. PAA General	\$10,012	\$10,226
2. Haynes GS	2,317	2,530

D. Annual Conference 8,400

II. Expenditures

A. Office Operations	\$ 3,800
B. Administrative services	91,200
C. Society Business	8,900
D. Annual Conference	2,900

Yearly Net (Income – Expenditures) \$17,545

Checking, Savings, Investment Accounts
[Balances as of June 30, 2021]

I. Checking Accounts

A. UCU / Orono ME	\$ 3,860
B. PNC / Ann Arbor MI	44,800

II. Savings Account

A. UCU	52,500
--------	--------

III. Money Market Accounts /PNC

A. Certification	26,350
B. ID 2018 LAC	68,680

IV. Certificate of Deposits / UCU

A. 3-yr @ 0.75% [10/11/21]	102,680
B. 3 yr @ 0.75% [10/11/22]	103,220
C. 3 yr @ 0.60% [10/11/23]	105,330

PAA Endowments [University of Maine Foundation]

[as of 31 December 2020]

[distribution rate of 3.25% of the trailing twelve quarter average market values]

	Principal Value	Market Value	Expected Payout in 2022
A. General Endowment	\$295,945.82	\$376,488.33	\$10,245
[values 6/30/21]	same	399,993.54	
B. Frank L Haynes Grad Student Res Award	\$ 88,084.88	\$109,803.67	\$ 2,998
[values 6/30/21]	144,176.44	180,445.30	

139 **Appendix 3**
140 **Secretary's Report – July 28, 2021**
141

142 First, I am grateful for the support of President Mark Pavek and the PAA Board of Directors. I especially
143 wanted to acknowledge the numerous contributions of AMR Administrator Angela Richardson and AMR
144 Event Manager Erin McLaughlin for the guidance, technical support, and timely correspondence of
145 association concerns.

146
147 As secretary, I reported monthly BoD minutes and other special meeting minutes/votes as called by
148 President Mark Pavek. In addition to regularly scheduled meetings, notes were also collected from
149 several PAA BoD discussions pertaining to open access publication mandates, the PAA/Springer
150 publication contract, AJPR journal health ramifications and revenue concerns associated with open access
151 publication.

152
153 Again, the zoom recording function of PAA BoD meetings administered by AMR has permitted me to
154 report detailed minutes of all monthly and special Board of Director meetings.

155
156 With the expanded role of AMR in organizing the PAA annual meeting, the PAA secretary's role is
157 providing input to the AMR event manager on concurrent session and graduate student competition
158 scheduling. For this year's 105th annual meeting program, there were 25 graduate student competition
159 presentations, 30 section presentations and 11 submitted posters. Again, I would like to acknowledge the
160 fabulous work that Erin and her AMR team did in organizing the annual meeting.

161
162 Respectfully Submitted,

163
164 Darrin Haagenson
165 PAA Secretary

166 **Appendix 4**
167 **Administrator Report**
168

169 Mission: The Potato Association of America shall collect and disseminate scientific information
170 relating to all phases of the potato industry, including, but not limited to, teaching, research,
171 outreach, breeding, certification, production, pests, transportation, processing, and marketing and
172 utilization.

173
174 Membership

175
176 2021 Memberships: 390 (Renewals), 37 (New) Processed in Wild Apricot
177 427 Springer AJPR Codes Emailed to 2021 Membership
178 Provided support as needed to members with Wild Apricot, website and general PAA questions
179

180 Financial
181 AJPR Invoicing for accepted manuscripts (August 2020 -July 2021)

182 Certification Dues Section Invoicing for 2020
183 Worked with AMR staff on PAA monthly financial report clarifications
184 Met with the PAA Executive Board and Springer throughout 2021 regarding upcoming
185 publications in Springer and potential financial impact on the association
186
187 Marketing/Communications
188
189 66 E-blasts in the form of various PAA Announcements and Job Posting has been shared
190 Incorporated a weekly announcements email to membership
191 Coordinated a video slideshow for Potato Expo 2021
192 Increased the number of social media posts advertising the Virtual Annual Meeting in June and
193 July
194
195 Annual Meeting
196
197 Certification Section Meeting – December 2020
198
199 Worked with PAA event manager Erin McLaughlin to support certification’s annual meeting
200 Met with Section Chair Gordon Henry and other section leadership to prepare the 2020 agenda
201 and necessary reports
202 Website update to seed certification information
203
204 2021 Virtual Annual Meeting
205 Coordinated the 2021 section meetings with section chairs
206 Updated website to reflect upcoming activities
207 Prepared board documentation for annual business meeting and necessary reports
208 Ordered and mailed all 2021 annual meeting awards
209 Collected all HLM bios, photos and distributed meeting logistics information
210
211 Prince Edward Island 2021 Annual Meeting – Meeting moved to 2023 due to pandemic
212
213 Conference call with PEI LAC and AMR’s PAA Event Manager, Erin McLaughlin in September
214 2020 to discuss meeting logistics
215 Provided Ryan Barret with funding lists from 2017-2019
216
217 Board Governance
218
219 Coordinated board meeting logistics and reporting
220 Worked with the PAA Immediate Past- President on coordinating the HLM application and
221 voting process
222 Set up and coordinated the board elections voting process with PAA immediate Past-President
223 Met with incoming PAA president Helen Tai to discuss strategic board goals for 2021 – 2022
224
225 Website Updates
226 Sections and Board of Directors 2020-2021
227 Certification

228 Annual/Virtual Meeting
229 Honorary Life Members Section
230 Job Postings
231 AJPR Journal Updates
232 Annual Meeting Updates
233 Seed Acerage (work in progress)
234
235 Social Media
236
237 Facebook Likes: 429
238 Twitter Followers: 804
239 Instagram: 634
240
241 Professional Development
242
243 Earned the Certified Association Executive (CAE) designation through the American Society of
244 Association Executives -June 2021. Earners of the CAE have demonstrated, through experience
245 and passing an exam, that they have practical experience in association management and
246 executive level knowledge in defined competencies. Skills developed applicable to the PAA:
247 Governance, Executive Leadership, Organizational Strategy, Operations, Business Development,
248 Member and Stakeholder Engagement and Management, Advocacy, and Marketing and
249 Communications.
250
251 Submitted By: Angela Richardson, PAA Administrator
252
253
254

255 **Appendix 5**

256 **Breeding and Genetics Section Minutes**

257

258
259 2021 Virtual PAA
260 Breeding Section Meeting Minutes
261
262 Officers:
263 Chair: Cari Schmitz-Carley
264 Vice-Chair: Josh Parsons
265 Secretary: Max Feldman
266
267 Agenda items
268
269 Tools for Polyploids Meeting
270 Isabel Vales would like to announce that the SCRI Tools for Polyploids group will have a
271 meeting/workshop in 2022. The workshop will be in San Diego, CA, on January 13th – 15th. It
272 will open for in-person or virtual attendance. The agenda is still being developed but the main
273 topics will be:

274 - Genetic mapping/biparental linkage mapping
 275 - GWAS
 276 - Haplotype assembly
 277 - Genomic selection
 278 - Simulation tools
 279
 280 Asking for intent to participation. <https://www.polyploids.org/node/84>
 281
 282 Please encourage students to participate. Meeting is directly after Plant and Animal Genome
 283 Conference (PAG). If you are interested in participating, please contact Dr. David Byrne as
 284 funds may be available to assist attendance.
 285
 286 Update on Symposium Dennis Halterman
 287 Symposium is being hosted by the Breeding and Genetics section. Focus is on diploid potato
 288 Title: Diploid potatoes as a catalyst for change in the potato industry (Paul Bethke
 289 Symposium committee is Dennis Halterman, David Douches, Shelly Janksy. Dennis wants to
 290 thank Shelly for doing a great job putting this together.
 291
 292 Speakers:
 293 Paul Bethke (USDA-ARS): Skeptics view of diploid potato. Lead into discussions of what needs
 294 to happen.
 295 David Francis (Ohio State): What we learned from tomato, tomato breeding how it can be
 296 applied to diploid potatoes
 297 Amy Charkowski: Will discuss seed potato and potato seed production
 298 Jiming Jiang: Research related to diploid potatoes
 299 Josh Parson: Will give an industry perspective on diploid potato
 300
 301 10 AM EST on Monday morning. Talks in morning and afternoon followed by Q&A + panel
 302 discussion with all the speakers.
 303 Trivia will be included!
 304
 305 Update on marker platforms (David Douches)
 306
 307 Ongoing topic, changing as technology comes along... Previous discussion about Intertek
 308
 309 Illumina based SNP platform >30 K SNPs, available through Neogen... People using it when the
 310 time calls for it. Higher end of price spectrum on a per sample basis. Not sure of neogen rate.
 311 Provides a nice set of SNPs (thousands of SNPs, good genome coverage, lower number of
 312 missing values)
 313
 314 Intertek
 315
 316 A number folks using this platform in their tetraploid breeding programs. We are trying to
 317 populate it with KASP markers. A little over \$2 per sample. Many folks using it PVY resistance
 318 markers. Douches lab this past year has applied KASP to Sli marker (self-compatibilty). Dr.

Natalie Kaiser, selected one of the Sli KASP markers and it could be incorporated into the Intertek platform. Used with diploids or tetraploids.
<https://doi.org/10.1007/s12230-021-09821-8>

This could be made available. Goal is to add more markers... Are people adding to it?

Besides Intertek, Jeff has been working on smaller set of markers that can be used with Intertek program. Laura can provide update.

Laura Shannon: DArTSeq through Intertek. Roughly 1500 – 2000 markers. Should work for genomic selection (large number of samples). Much less expensive (\$10 – 15/sample) but need to submit in sets of 385 samples. Useful for screening large parts of your program. Laura and Jeff have used this. Worked well, marker data has been easy to be interpret and matches with the SNP array.

Craig Yencho: Asks if you get FASTA files or if you get just the VCF. Laura says she has only received the VCF files. Craig says he and Bode Olukolu (U of Tennessee) have developed a new platform called OhmSeq. Based upon GBS. Different that DArtSeq, different library development protocol, cost is low, scalable from 10s-to-1000s of markers down to several thousands of markers in potato. Using it in Sweet Potato... Comparing it to DArtSeq. Only done at the Genome Science Laboratory. Cost is ~\$10-15 per sample. Biggest differences is you get raw sequence, not just VCF file. Can analyze the data using a software called NGS Composer.
<https://academic.oup.com/bib/advance-article/doi/10.1093/bib/bbab092/6210066>

David DeKoyer has also used the DArt Tag Platform. They had good results.

DaRT Tag price also includes DNA extraction... Pretty good deal.

Walter De Jong indicated has not added H2 or any additional markers to KASP

Douches Lab has been using Intertek for PVY. Cheaper to do that than in house. Processed maybe 1100 samples last year.

Joe Coombs indicates: We are using the KASP marker screening for Ryadg and Rysto for PVY, also H1 (TG689) and Vert (C287F1). Mainly for PVY.

Updates on Diploid Breeding SCRI Project (Laura Shannon)

One major focus has been extraction of dihaploids
Goal is to extract and sequence 100 total. Current count is at about 40 dihaploids.

If you have or are developing dihaploids, please get in touch. They are getting about 40X coverage using Illumina. Good for looking at diversity. This is Phase I. Next phase will be done with Robin Buell. About 20 de novo assemblies.

Hope is there will be a more complete set of haplotypes. Need to have more breeding programs represented. Can support sequencing and haploid extraction. Get in touch!

Process is on-going...

Can be involved in any aspect of this... haploids, sequence analysis etc. Talk to Laura, Paul, Jeff, Dave, etc.

List of current dihaploids includes:

Chips: MSR127-2, Lelah, W14NYQ9-2, W9968-5, W14NYQ29-5, NY121, Lenape-s3, MSZ219-14, MSJ147, Mackinaw, Lady Liberty, Saginaw Chipper, Pike

Russets: Payette, A07061-6Rus, Defender, Vanguard Russet, Russet Norkotah, Mercury Russet, Dakota Trailblazer, Ranger Russet, Silverton

Fresh Market: Dark Red Norland, Malou, Chieftain, MSS576-5SPL, W9426-3R, W8890-1R

Question from chat:

Is anyone using the new haploid inducer from CIP? PL-4. David De Koeper has just received it. David Douches indicates that IVP-101 has been working pretty well. Some lines are easier to extract than others.

Update from David Douches on inheritance of self-compatibility. David cites Natalie Kaiser publication in AJPR. She used KASP markers for Sli to characterize germplasm for the presence of Sli. There maybe other genetic loci that contribute. Can have SC without Sli... functional S-RNase? Made a mapping population to look at disfunctional S-RNase, Sli, and another functional gene called HGB (pistillate side of SC). S-RNase and Sli are the biggest one with HGB (HGA and HGB) playing an impact. Presentation by Sarah Lee on S-RNase HGB knockout lines. Objective 3: GWAS Study/Breeding efforts. Coordinated grow out, some overlapping lines, collect same types of data and do combined downstream analysis.

Call to review of 2021 minutes...

Dennis Halterman motions to approve the minutes.

Laura Shannon seconds the motion.

Changes to the section bylaws

By-laws...

See this link:

<https://potatoassociation.org/about-paa-2/breeding-and-genetics/>

Call to change nomenclature of meeting organizer from Chairman to Chairperson.

408 Also proposed change... from Section 9. Amendment of by-laws... Can only be amended at the
409 business meeting. Should be changed to make amendment of by-laws into the section meeting.
410 Some sections have a quorum. Vote of participating membership.
411
412 Cari motions to change chairman to chair.
413
414 Motion seconded by: Susie Thompson
415
416 Many approval votes. No votes in opposition. Will be amended at the business meeting.
417
418 Call for opinions on by-laws/amendments?
419
420 Susie Thompson recommends review of verbiage from other sections. Cari says extension and
421 production has recently updated there by-laws, that might be a good model.
422
423 Cari motions to amend the by-laws to allow by-law changes at the annual section meeting by a
424 popular vote of attendees.
425
426 Seconded by David Douches.
427
428 Many approval votes. No opposed votes. Will be amended at the business meeting.
429
430 Election of Secretary:
431 Nominees:
432 Rich Novy nominates Noelle Anglin.
433
434 Susie Thompson nominates Laura Shannon. Laura has served in this role recently and seconds
435 the nomination of Noelle Anglin to serve as Secretary.
436
437 Motion brought to a vote. Many approvals. No opposition.
438
439 Noelle Anglin will serve as Secretary.
440
441 Adjournment
442 David Douches motions to adjourn. Dennis Halterman seconds the motion.
443
444 Attendees:
445 David Douches
446 Dylan Larkin
447 Laura M Shannon
448 Vales, Maria Isabel
449 Craig Yenko
450 Paul Collins
451 Thilani Bhagya Jayakody
452 David DeKoeyer
453 Maria Caraza-Harter

454 Fahrettin Goktepe
455 Lin Song
456 Christine Macknicki
457 Sagar Sathuvalli
458 Rich Novy
459 Lincoln Zotarelli
460 Luke Thurgood
461 Gary Hawkins
462 Jonathan Whitworth
463 Walter De Jong
464 Benoit Bizimungu
465 Hielkede De Jong
466 Marcio Resende
467 Oluwafemi Alaba
468 Joe Kuhl
469 Max Feldman
470 Xiaoxi Meng
471 Jaebum.Park
472 William Behling
473 Kate Shaw
474 Lauren Shaw
475 Kirk Amundson
476 Larissa Sawson
477 Gord Penner
478 Horia Ion Groza
479 Aron Derbidge
480 Caroline Gray
481 Susie Thompson
482 Darin Gibson

Appendix 6

Extension, Production and Management Section Minutes

487 2021 Extension, Production, and Management Section Meeting 7/29/2021
488
489 Kasia Duellman called the meeting to order at 7:00 am MST
490
491 Introductions were made
492
493 Mark Otto – Independent crop consultant from Michigan
494 Andy Robinson – extension potato agronomist ND state & U Minn
495 Jolyn Rasmussen. – Simplot
496 Yi Wang – U Wisconsin – Madison
497 Steve Johnson – extension agronomist
498 Morgan McNeill – PEI board
499 Mike T – UI

500 Rhett S. – UI
501 Carl Rosen – U Minn
502 Suzie T. – ND State
503 Larry H. – ret. WSU
504 Greg Porter – U. Maine
505 Luke T. – Sun Rain
506 Mike L. – Ag World Consulting
507 Tina B. – Simplot
508 Mehmet C. – Public University in Turkey
509 Nora O. – UI
510 Fahrettin G – Seed solution Sun Rain
511 Angela R. – PAA
512 Kasia D. – UI
513
514 Agenda items 3 & 4 were switched
515
516 Larry Hiller made a point of order regarding the approval of the agenda
517
518 Suzie moved to approve the 2020 minutes, Larry seconded the motion
519 Motion passed unanimously
520
521 Mike T. gave an update on the 2023 symposium speakers and planning
522
523 Jolyn commented that McDonalds would be a good customer centered speaker
524
525 There was a little discussion regarding having a customer speaker vs. just having speakers from
526 the scientific community
527
528 Jolyn commented that having a cover crop topic might be more difficult given the difference in
529 regions
530
531 Mike suggested that a survey monkey poll might be sent out to other sections to get input and
532 narrow down symposium topics
533 Nora suggested that we vote right now to determine whether we should have a customer speaker
534 There were no objections to having a customer speaker
535
536 Morgan McNeill gave an update on the 2023 PAA meeting in PEI July 23-27, 2023 and an
537 update on crop progress for this season
538
539 Suzie T. gave an update on the crop in the upper Midwest; drought conditions, very warm temps
540
541 Andy R. commented that he's seeing more herbicide issues through drift and carryover; crop
542 looks good, average to below average yields in ND
543
544 Carl R. commented that there are similar environmental conditions in Minnesota. High nighttime
545 temps may have affected tuber size

546
547 Yi W. gave an update on Wisconsin conditions, might be a little better than ND and Minn. due to
548 fewer days with high nighttime temps; growers are starting to harvest specialties; late blight
549 found in central Wisconsin; US-23
550
551 Steve Johnson gave an update on the crop in Maine; lower yields last year due to heat; early
552 season this year was a little warm, but lately conditions are average, and the crop looks very
553 good
554
555 Greg P. commented that they received 4-6" of rain in one day in June. Concerned that they may
556 see some quality issues
557
558 Mark O. gave an update on the crop in Michigan; mild winter led to higher CP beetle pressure,
559 slow emergence, lots of rain leading to major leaching issues; given issues crop is in good shape
560
561 Mike T gave an update about the western Idaho potato crop; hot, dry, and windy, increase in
562 foliar disease
563
564 Nora commented that the beginning of the season was highly variable until June when the heat
565 hit. Normal to see high temps in July and August, but not June
566
567 Mike L. commented that they are measuring smallest yields and size, RB's fairly stressed
568
569 Jolyn R. commented that the mornings have been warm which is concerning
570
571 Fahrettin G. commented that the bottom of hills were very dry
572
573 Other comments about wind causing soils to become very dry at planting
574
575 Mehmet C. gave an update about the crop in Turkey; climate has been warm and dry, didn't
576 receive the rainfall in April like usual or adequate precipitation in the winter
577
578 Tina B. commented that they've had reports that newer varieties are handling the environmental
579 changes better than standard varieties
580
581 Kasia brought up options for elections since Susannah Cooper has left the potato industry and
582 vacated her vice-chair position
583
584 Mike commented that this section has had chairs serve for multiple years in the past
585
586 Mike made the motion and Steve J. seconded the motion to keep Kasia as chair for another year
587 with Rhett S moving to vice-chair; motion passed
588
589 Nora O. nominated Morgan McNeill to be the new secretary and it was seconded by Steve J.,
590 motion passed
591

Mike L. made the motion to adjourn, was seconded by Steve J.

Meeting was adjourned at 8:12 am MST

Appendix 7

Plant Protection Section Minutes

Chair: Kylie Swisher Grimm

Vice Chair: Jaime Willbur (recorded minutes)

Call to Order: Annual Potato Association of America Plant Protection Section Meeting was called to order by the chair Kylie Swisher Grimm at 1:00 PM PST on July 21, 2021.

Attendance: Kylie Swisher Grimm (ID), Jaime Willbur (MI), Angela Richardson (MI), Gary Secor (ND), Andy Jensen (OR), Noelle Anglin (ID), Christy Christian (ID), Larry Hiller, Darin Gibson (Manitoba), Hector Lozoya-Saldana (Mexico), Jianjun Hao (ME), Julie Pasche (ND), Kalpana Sharma (CIP Kenya; OR), Ken Frost (OR), Luke Thurgood (ID), Pam Hutchinson (ID), Steve Johnson (ME), Amy Charkowski (CO), Silvia Rondon (OR), Jeff Miller (ID) - 119 current members in the PAA Plant Protection Section

1. Approve minutes from 2019.

a. Motion by Gary Secor was seconded by Andy Jensen and was unanimously passed to approve minutes of the July 29, 2019 Plant Protection section meeting.

2. Announcements from section

a. Ken Frost (Oregon State University) - seeking a post-doctoral candidate for a Soil Health Project, please contact Ken or Anne Moore

b. Ken Frost/Gary Secor/Bryan Swingle - seeking blackleg/Dickeya/Pectobacterium samples, specifically stem samples

c. Amy Charkowski - Colorado State University is searching for a department head for the Horticulture Department and for a potato breeder.

d. Pam Hutchinson - quinoa trap crop trial for pale cyst nematode was purposely sprayed (sabotaged) due to concern as a noxious weed

e. Silvia Rondon (OSU Hermiston Ag Res. & Ext. Center) - seeking for a Postdoc to develop an Agricultural Entomology Program for Irrigated Crops

f. Gary Secor - 2022 Latin America Potato (ALAP) Meeting in Puerto Varas, South Chile in March - XXIX Congreso Latinoamericano de la papa (<http://achipa.cl/>)

g. Angela Richardson - visit paaevents.org for the 2021 meeting schedule

- 636 3. Early career award
637
638 a. Discussion on how to move forward.
- 639 b. Jeff Miller - this award is scheduled for discussion at the next PAA board meeting; more
640 information to come
641
- 642 4. 2024 vector-oriented symposium
643
- 644 a. Do we need to select a Symposium chair(s)? Andrei Alyokhin, Silvia Rondon, and Jeff
645 Miller were the committee proposed to organize for 2023
- 646 1. Alyokhin, Rondon, and Miller will plan to propose again for the 2024 meeting
647
- 648 2. Topic: Vector-oriented symposium
649
- 650 3. Jeff Miller - the rise of powdery scab/mop top issues was proposed as the topic of one of
651 the talks
652
- 653 b. Do we need to vote on Symposium speakers?
- 654 1. No speakers selected but suggestions can be directed to the symposium committee
655
- 656 2. Larry Hiller - proposal should be written to the Board of Directors and propose a title and
657 possible speakers and length of time to devote to the symposium; per guidelines and budget
658 committees are allotted up to \$6,000 to support national and international speakers and travel
659
- 660 c. Any other symposia-related discussion?
- 661 1. Larry Hiller - organizing and having a secondary mini-symposium in any particular year
662 is also a possibility (generally 2-4 speakers or panel type discussion)
663
- 664 2. Pam Hutchinson and Gary Secor - will draft a symposium proposal related to integrated
665 weed science
666
- 667 5. International speaker recommendations (general; PAA does have a confirmed 2022
668 International Speaker for Montana. Will put out a call to membership in early 2022 for 2023
669 names.)
670
- 671 a. Jeff Miller recommendation: Yvette Acuna (late blight, Fusarium, Rhizoctonia
672 specializations in South America - Argentina/Chile)
- 673 1. Gary Secor seconded the recommendation -- suggested topic "Emerging potato issues in
674 South America"
- 675 b. Amy Charkowski recommendation: Dr. Lucy Moleleki from the Forestry and
676 Agricultural Biotechnology Institute at the University of Pretoria in South Africa (focus on
677 bacterial genomics and host pathogen interactions)
678

c. Silvia Rondon recommendations:

1. Carmen Castillo Carrillo, Agricultural Research Center from Ecuador/South America; Entomologist (<https://scholar.google.com/citations?user=ngvCocEAAAAJ&hl=es>)

2. Alberto Fereres from the Spanish National Research Council (Consejo Superior de Investigaciones Científicas, CSIC) (<https://scholar.google.es/citations?user=A7fGRWwAAAAJ&hl=eN>)

3. Gary Secor added that a topic of interest for Carmen may be the recent purple top complex outbreak in S. America (zebra chip/psyllids/phytoplasmas may be involved)

6. Area reports (Perhaps for 2020 and 2021 since no section meeting was held last year)

a. Minnesota/North Dakota (Gary Secor and Julie Pasche) - no late blight in '20 or '21; wet year in '20 but '21 is a drought year with only two major rainstorms; acreage is down for processing and table potatoes; yellow potato acreage is increasing (moving away from russet and white); great year for entomologists, but a bad year for pathologists; drought stress may lead to storage issues with jelly end etc.

b. Oregon/Columbia Basin (Ken Frost) - not a lot of disease this year, similar to ND pretty large heat dome that settled over the west in early June/July; heat caused acute injury upward leaf cupping, rolling, scorching of the margins; waiting to see the final impacts of the earlier heat stress; a few instances of toxic seed piece syndrome

c. Oregon/Hermiston (Silvia Rondon) - Potato Newsletter for Columbia Basin trapping network contains information on insects including aphids, leafhopper, Colorado potato beetle, Lygus bugs, and potato tuber worm; the heat stress crashed the insect populations except the CPB populations, which have become a major concern the last several years

d. Pam Hutchinson - temperature at night has caused some hormonal/physiological changes that can look like herbicide injury

e. Idaho (Jeff Miller) - Heat has stressed the quality of the Idaho crop. One local fresh pack has said that the Burbank crop is a wreck this year (poor quality). Disease issues have been relatively quiet last year and this year to date.;

Question about heat runners and tuber cracking. Jeff - I have seen them, but I have seen worse in previous year. I haven't seen tuber cracking yet. Mostly pointed ends, dumbbells, and knobs.

f. Maine (Steve Johnson) - no disease issues; no late blight control recommended for third year in a row (since 2019); acreage is also slightly increased

g. Manitoba (Darin Gibson) - has had record heat, record drought. Fair bit of seed rot in the spring and now heat runners and have lost some of the set due to heat. Several irrigation ponds are empty, very low flow on rivers. Quality and yield will be affected this year. We will be short of potatoes again.

h. Colorado (Amy Charkowski) - always drought so that is not new but have escaped the heat that some others have been dealing with and some acreage reduction due to PVY; We've had flash flooding here too! But not in potato areas. Really bad flash flood yesterday upstream from the university and expecting another today.

i. Michigan/Upper Midwest (Jaime Willbur) - wetter than normal year, scattered thunderstorms frequently and regularly throughout the state; some bacterial vine rot reports due to the rain - send vine samples to Gary/Ken and email Gary for FedEx number; higher late blight risk than past three years, has continued in about half the lower peninsula for the last several weeks

7. Other items

a. Larry Hiller - thought for the new section and officers in the coming years; several sections have contacted the board about section bylaws and revising them to be up to date; keep in mind for future section directions and initiatives

8. Officer nominations for 2021

a. Motion by Gary Secor to nominate Julie Pasche and Darin Gibson for Vice Chair/Secretary was seconded by Jeff Miller and was unanimously passed.

9. Adjourn

Respectfully submitted,
Jaime Willbur
PAA Plant Protection (Vice-Chair)

Appendix 8 Physiology Section Minutes

Call to Order and Introductions: The 2021 Section meeting was held virtually, and Chair Amber Walker called the meeting to order at 2:30 PM CT July 22, 2021,

Attendees included: Chair Amber Walker, Vice Chair Darrin Haagenson, Director Aymeric Goyer, Larry Hiller, Paul Bethke, Luke Thurgood, Sagar Datir, Sanjay Gupta, Jacob Blauer, Morgan Southern, Carl Rosen, Tina Brandt, Mark Otto, Andy Robinson, Mike Lewis, Susie Thompson, and Nora Olsen.

Agenda and announcements: Amber called for additions to agenda and reported that Dennis Halterman is preparing a PAA promotional video and was looking for input on content/script with video link shared:

<https://docs.google.com/document/d/1pjhchAFoWPB1Ten9CgdDMPwAyEuzio3nePjG6KljKDs/edit?usp=sharing>

Angela Richardson reminded to register for the annual meeting. If not able to attend, the video content will be available through August 10th, 2021

2020 Physiology Section Minutes: motion to approve 2020 Section minutes was made by Larry Hiller, seconded by Paul Bethke and the 2020 minutes were unanimously approved.

Physiology Section Membership Recruitment

Nora Olsen suggested recruitment of a speaker for the 2022 Section meeting. Larry Hiller also reminded members to recruit graduate students to section meetings. Amber added that virtual access in future 'in person' section meetings may permit additional members not typically involved in annual meeting. Mike Lewis requested a general introduction at the PAA meeting of what individual sections and section meetings emphasize. Larry Hiller highlighted that Sections provide a written report at the annual business meeting. Tina commented that the PAA marketing video provides a great summary of the individual sections and could provide a great recruitment opportunity for new members.

Darrin Haagensohn will work with the Physiology Symposium chair in recruiting an invited speaker to the 2022 Physiology Section meeting in Missoula.

2022 PAA Symposium "Lifecycle of the Potato"

Serving as symposium chair, Paul Bethke sought input on speakers, requesting speakers that can deliver content to a wide audience but possess expertise to be a draw for symposium participation.

Paul reminded section members that the PAA symposium is typically 3 hours with 5-6 speaker presentations. Being 'Life cycle' is broad, the topics could include anything from seed topics- dormancy, early emergence, initiation, tuber set, nutrient utilization and allocation, stress physiology, storage, etc. Other topics discussed included: skin set, lenticels, plant hormones, tuber composition, stress impact on phytonutrients and glycoalkaloids.

Jacob Blauer suggested getting a speaker from a commission such as Potatoes USA. Paul sought input for speakers from a local Montana seed production connection documenting 'Montana seed vigor'. With the current 2021 heat stress concerns, suggested speakers (Knowles, Thornton, Bethke) to present heat stress related growth responses were noted. Additionally, the impact of growth factors on specific gravity was discussed. Other speaker topics included potato life cycle ramifications on international supply and food safety. The general consensus was to start the day's talks with seed and early development, and conclude with postharvest or storage topics.

International speakers: Carl Rosen suggested Paul Struik as a potential candidate. Other speaker candidates mentioned were Idit Ginzberg, Mark Taylor, and Alisdair Fernie. Regarding the topic of international travel expense, Larry Hiller noted there are PAA line-item funds for hosting an International Speaker. Larry stated that there is an allotment of \$6k in the PAA Board of Directors that may be used Symposium speaker associated fees (i.e., travel, lodging).

Inviting a speaker with private industry research experience was discussed. Amber Walker suggested Bob Moerkerke as a potential speaker. A speaker would ideally have non-brand affiliation and section members were challenged to solicit input from industry (fresh mark, frozen, chip) on physiology related advancements or topics.

814 Other suggested speaker candidates included: Rick Knowles, Mike Thornton, Nora Olsen and
815 Paul Bethke. Paul challenged section members to think of other potential speakers throughout
816 the 2021 PAA meetings.
817
818 Potential Symposium Speaker Candidates:
819 International:
820 Paul Struik
821 Idit Ginzberg
822 Mark Taylor
823 Alisdair Fernie
824
825 Industry:
826 Bob Moerkerke
827
828 University/ARS:
829 Rick Knowles
830 Mike Thornton
831 Paul Bethke
832 Nora Olsen
833
834 New Business: 2021 Production Concerns
835 Heat and water stress issues in the current 2021 production season were discussed. Jacob Blauer
836 highlighted a recent PhD dissertation defense from Mark Pavék's program suggesting some
837 varieties in the Pacific NW are being over irrigated by as much as 20%.
838
839 Officer Elections:
840 Secretary: Jacob Blauer was nominated by Nora Olsen to serve as 2022 Section secretary,
841 seconded by Susie Thompson and was unanimously passed.
842 Director: Nora Olsen moved that Luke Thurgood serve as Director by unanimous vote,
843 seconded by Susie Thompson and unanimously passed.
844 The 2022 Physiology Section officers are:
845 Chair: Darrin Haagenson
846 Vice Chair: Carrie Wohleb
847 Secretary: Jacob Blauer
848 Director: Aymeric Goyer
849 Director: Luke Thurgood
850
851 Adjourn: Motion by Nora Olsen, was seconded by Mike Lewis, and was unanimously approved
852 to adjourn the section meeting at 3:38PM CT.
853
854 Respectfully submitted,
855 Darrin Haagenson
856
857
858
859

Appendix 9
Utilization and Marketing Section Minutes

2021 Marketing and Utilization Section Meeting

Call to Order and Introductions: The 2021 Section meeting was held virtually, and Chair Tina Brandt call the meeting to order at 9:00AM CST July 13,2021, that was coincidentally National French Fry Day!

Attendees included: Tina Brandt, Darrin Haagenson, John Lundeen, Susie Thompson, Mike Larsen, Pat Hatzenbuehler, Fahrettin Goktepe, Arione Pereira, Sage McClintick, Rhett Spear and Nina Zidak.

2020 Minutes: motion to approve 2020 Section minutes was made by Susie Thompson, seconded by Mike Larsen and the 2020 minutes were unanimously approved.

PAA Announcements: Tina reminded the group to sign up for the 2021 Virtual Annual Meeting.

Marketing and Utilization Section Membership Recruitment

Tina presented a summary of Section involvement across PAA and sought ideas to generate Section participation from all markets (i.e., fresh, chip, frozen processing). Other ideas to improve participation were giving out SWAG (inexpensive gift) at section meetings. Tina challenged the participants to invite colleagues to future meetings.

To increase participation, Tina suggested inviting a speaker for the next Section meeting to be held in Missoula, MT 2022. A review of past Section speakers included a marketing specialist from JR Simplot in 2018, and a guest from the UK presented CIPC related industry concerns in 2019.

Suggested speakers for 2022 included 1) Ben Eborn from the North American Potato Market News, 2) an international colleague affiliated with the PAA sponsored symposium, and 3) a Potatoes USA presentation on market trends.

Tina Brandt agreed to reach out to Ben Eborn to check availability to present at the Utilization and Marketing Section meeting in PAA (Missoula) 2022.

Officer Elections:

Chair: Susie Thompson moved that Darrin Haagenson serve as the new section chair by unanimous vote, seconded by Tina Brandt and unanimously passed.

Vice Chair: Darrin Haagenson moved, and Rhett Spear seconded that Mike Larsen serve as the 2021-22 Section vice chair, and the motion was unanimously approved.

Secretary: Rhett Spear was nominated by Tina Brandt to serve as 2022 Section secretary, seconded by Susie Thompson and was unanimously passed.

2022 Utilization and Marketing officers include:

Chair: Darrin Haagenson

906 Vice Chair: Mike Larsen
907 Secretary: Rhett Spear

908
909 Section Discussion

910 Mike Larsen reported concerns of heat on the 2021 crop; especially on the impact of bulking in
911 the Pacific Northwest. Susie echoed similar heat concerns in Midwest on deteriorating market
912 quality (i.e., poor tuber set in Burbank, and heat sprouting). Arione Pereira shared concerns
913 facing Brazil production and marketing. Lastly, Tina reminded everyone to celebrate National
914 French Fry Day!

915
916
917 Adjourn: The section meeting was adjourned at 9:50AM CST.

918
919 Respectfully submitted,
920 Darrin Haagenon

921
922
923
924
925
926
927
928
929
930