



INSIDER

The Official Newsletter of the Potato Association of America

Vol. 10, No 4, October 2006

Letter From the "NEW" President

It is indeed an honor and a pleasure to be your president for 2006/2007. I look forward to the challenges we as a society face in the coming year. Chief among those is the need to evaluate the Springer proposal for publishing our American Potato Journal of Research as to its impact on the quality of our journal and its potential impact on the PAA budget. We will have a recommendation for you the members of PAA for a vote by email by January 31, 2007.

Another challenge we face is updating our PAA website. I can assure you we will have something very special for you by May of 2007. We look for any additional input any of you might have to make our website the premier place we expect it to become.

As you can see I am not one to put a lot of unnecessary words down that are meant to inspire you to more fully participate in the furtherance of the PAA. I would challenge each of you to dedicate 30 minutes per week to the PAA in recruiting new members and sustaining members. We must continue to recruit and keep our members. I learned something valuable in my years in business and that is if you are not moving forward you are falling behind.

I look forward to your help and the help of the PAA Executive Committee in accomplishing these task and many more for the greater good of the PAA in the coming year.

Sam Thornton
President 2006-2007

Past President Farewell Letter

It does not seem possible that just a year ago now I was writing my first letter for my term as your president. Time has passed quickly and much has been happening to move our society forward. This past year has truly been a most enjoyable and rewarding experience for me both personally and professionally, and to you, the PAA membership, I extend a heart-felt 'thank you.' I would like to focus on just a couple major issues in this final letter.

The first would be the challenges continuing to face our society. In my first letter, I emphasize membership, outreach, and finance as critical issues. Our financial status has improved, we are taking major steps forward in outreach efforts, and novel approaches are being implemented to work on membership. But with our society based on one commodity, these issues will never go completely away. We recently completed another fantastic annual meeting held in Madison, with many new and positive

accomplishments. But I would challenge us all to increase the attendance by our membership at future PAA annual meetings. These assemblies provide a very important opportunity to review past activities, report on current projects, and develop strategies for the future. Our meetings serve to keep members focused, united, and inspired. It would be nice to have a larger percentage of our membership attend! Your continuing officers I know are making membership a high priority.

Our outreach program and efforts are another key issue for which we must continue strong forces ahead. This includes our relationships and collaboration with the European Assoc. of Potato Research (EAPR), other international societies, our website, and moving forward with our Vision! The President and Secretary of

...Continued on Page 6

Dates

November

10-11: Montana Seed Potato Sem, Missoula, Montana.
Info: 406-994-3150

12-16: ASA-CSSA-SSSA 2006 Intl Mtgs, Indianapolis, IN.
Info: <http://www.asa-cssa-sssa.org/meetings/acs/>

15-16: PGI Annual Mtg, Pocatello, ID. 208-243-1824

14-17: PG of Alberta Annual Genl Mtg., Red Deer, AB, Canada. Info: pga@alberta-potatoes.ca

16: United Fresh Potato Growers of Idaho, Idaho Falls, ID. Info: 208-535-8500

December

7-9: 2006 Potato Industry Outlook Summit And Seed Seminar, Hyatt Regency, Chicago, IL. 715-623-7683

January 2007

9-13: NPC Ann Mtg, Newport Beach, CA. Info: <http://www.nationalpotato-council.org/>

ASP Calender of Events

2006-2010: Not just APS meetings, but all venues. You can add your own meetings to their calendar. <http://www.apsnet.org/meetings/calendar.asp>

First Call for Papers

This is the First Call for Papers to be presented at the 91st Annual Meeting of The Potato Association of America. This meeting will be held August 12-16, 2007 at the Shilo Inn, Idaho Falls, Idaho.

PAA members are invited to present papers dealing with all facets of the potato industry. Farm-friendly submissions suitable for an industry-oriented half-day session are encouraged. Graduate students who are PAA members are encouraged to enter the "Frank L Haynes Graduate Student Research Competition."

Authors are required to submit abstracts for papers they wish to present, whether orally, as a poster or in the Graduate Student Competition. The abstracts for all papers (oral, poster and Graduate Student Competition) presented at the Annual Meeting will be published in a post-meeting issue of the American Journal of Potato Research. Abstracts of papers listed in the meeting program, but not presented, will not be published in the AJPR.

At the annual meeting, all oral paper presentations will be of a uniform 15-minute length. Authors should plan a 12- to 14-minute presentation with the balance of time devoted to questions. Computer projectors will be available for PowerPoint presentations. Display boards will be provided for the poster papers.

Abstracts will be accepted until March 16, 2007. Submit abstracts as an e-mail attachment to loretta.mikitzel@gnb.ca "PAA Abstract" as the e-mail subject. Abstracts submitted after that date will be returned to the author.

Abstract submission checklist:

- Title
- Author(s)
- Abstract
- Combination of title, authors and body *not to exceed* 2,000 characters, including spaces
- PAA Membership Number
- Presenter
- Presentation Method (oral, oral – graduate student, poster)
- Section (breeding, plant protection, etc.)

Prior to submitting your abstract, please read and follow the formatting guidelines that will be posted on the conference website as soon as it is available.

Loretta Mikitzel, PAA Secretary
 Ag. Resource Centre
 NB Agric & Rural Development
 39 Barker Lane
 Wicklow, NB E7L 3S4 CANADA
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 E-mail: loretta.mikitzel@gnb.ca

Nominations for Honorary Life Membership

One of the most significant ways to recognize outstanding contributions to the potato industry and to our organization, The Potato Association of America, is the awarding of Honorary Life Membership (HLM). This is the highest award bestowed upon an individual by the PAA. Each year at the annual meeting of the PAA this award is given to deserving individuals and is considered by many attendees the highlight of the banquet.

PAA members are encouraged to nominate candidates for HLM to be presented at the 2007 Annual meeting in Idaho Falls, Idaho. Nominated individuals should have made significant contributions to the potato industry and/or the PAA. Contributions may come from activities related to research, extension, education, production, processing, marketing, utilization or any of the other facets of the potato industry which may be appropriate. Additionally, HLM awards can be given to individuals outside of the PAA. Nominations must be submitted on the official HLM nomination form available on the PAA website: <http://www.umaine.edu/paa/hlmform.htm>. The selection procedure and desired candidate information is also available. Completed HLM nominations and all supporting documentation should be submitted to the Past President and are due by March 16, 2007.

Larry Hiller

Dept. of Horticulture & Landscape Architecture, WSU
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All members should take the time to think about their colleagues and their service to the industry to see if they might qualify for HLM in the PAA. This is a wonderful award and recognition, but it can not happen without going through the nomination process.

This is the First Call For Honorary Life Membership Nominations!

Larry Hiller
 2005-2006 Past President

Frank L Haynes Graduate Student Research Competition Papers

This is the First Call For Papers to be entered in the Graduate Student Awards Competition (GSAC) to be held at the 91st Annual Meeting of The Potato Association of America.

First Call for Papers (ALL)

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The purpose of the GSAC is to promote graduate student participation in PAA through presentation of research papers at the Annual Meeting. Participants are also encouraged to submit manuscripts for publication in the American Journal of Potato Research.

General Information

1. The author must be a current (or recent) graduate student at the time the abstracts are due March 16, 2007.
2. First place winners from previous PAA meetings are not eligible to participate.
3. Research reported must have been done while a graduate student.
4. The paper must be orally presented. Poster papers and symposium presentations do not qualify for the GSAC.
5. Students are required to submit abstracts for papers they wish to present in the Competition via e-mail. Abstracts will be accepted until March 16, 2007.
6. No new students may register after the deadline or at the meeting.

7. Winners will be announced and honored at the annual banquet. Free banquet tickets will be provided by PAA for all graduate students participating in the GSAC.

General Criteria for Judging: Papers and presentations will be judged on the following basis:

- A. Quality of research and content: 60%
- B. Effectiveness of presentation: 40%

Five awards will be presented in the amount of \$350 for 1st place, \$250 for 2nd place, \$150 for 3rd place, \$100 for 4th place, \$100 for 5th place.

For more information, contact:

Dr. Kathy Haynes, Chair
 PAA Grad Student Awards Competition
 USDA/ARS: Veg. Lab.
 10300 Baltimore Ave.
 Beltsville, MD 20705
 Phone: 301-504-7405
 E-mail: haynesk@ba.ars.usda.gov

Plan on Coming to Idaho for PAA 2007

You are enthusiastically invited to enjoy warm hospitality and incredible scenery at the annual meeting of the Potato Association of America in Idaho Falls, Idaho August 12–16, 2007. The meeting will be held at the Shilo Inn, the same location where the PAA meeting was held when Idaho hosted it in 1996.

A block of rooms has been reserved at the Shilo Inn for \$80.00 per night. Information on room reservations will be forthcoming. Tentatively registration cost will be \$210. The barbecue will cost \$20, awards banquet \$30 and an agriculture or scenic tour \$20. All are U.S. dollars and prices are subject to change. Final registration information will be available in January 2007.

The meeting will follow a traditional schedule on Sunday and Monday, but significant changes have been planned for Tuesday. There will be oral paper sessions on Tuesday morning, but three of the sections that usually meet Monday evening will meet Tuesday afternoon. Additionally, time has been scheduled Tuesday afternoon for professional networking. A poster session with authors present will follow the Tuesday afternoon break, which will blend into the barbecue that evening. In addition to the traditional silent

auction, there will be a live auction at the barbecue to raise money for the PAA Endowment Fund.

Following oral paper presentations on Wednesday morning, meeting attendees can participate in an agriculture tour or a sight-seeing tour beginning at approximately 11:30 a.m. The tours will end with a catered meal at the Aberdeen Research and Extension Center. Tour participants will return to the hotel at about 8:00 p.m.

More oral paper presentations are scheduled for Thursday morning with the annual PAA business meeting in the afternoon. The PAA awards banquet will be Thursday evening concluding the meeting.

During the week, there will be plenty of fun activities for accompanying persons including sight-seeing tours and even time to shop for antiques.

We hope you like the meeting schedule, and keep in mind that Yellowstone Park, Jackson Hole, Wyoming and other attractions are not far from Idaho Falls. Plan on bringing the family to enjoy all that Idaho has to offer.

Submitted by:
 William H. Bohl, University of Idaho
 Glenn Letendre, Syngenta Crop Protection, Inc.
 Co-chairs, PAA 2007 LAC

Final Report of the 2006 PAA/International Solanaceae Conference

The 2006 PAA meeting is now behind us and we look forward to the next meeting in Idaho as participants! This year's meeting was unique as we met for the first time with the Intern'l Solanaceae Conference (meeting every six years) and the Solanaceae Genomics Conference (their third annual meeting). The combined meeting allowed us to attract a variety of contributors. This allowed us to obtain premiere space (the Monona Terrace), breakfasts and lunches as part of registration, internet services, a company for on-line registrations, and to hire a conference photographer. Please consult the conference website at <http://www.horticulture.wisc.edu/PAA-Solanaceae/> where 350 high resolution photographs from throughout the meeting can be viewed and downloaded.

A symposium volume of the entire conference is in review in *Acta Horticulturae*, where we will summarize the meeting in detail "Experiences of the local organizing committee for a large scientific meeting." Below are some of the statistics from the meeting.

Contributors to the conference, arranged alphabetically.

Contributors:

AMVAC	Basic American Foods
Bayer Crop Science	Beckman Coulter
Bio S&T	Black Gold
Chemtura	Coloma Farms
DeRuiiter Seeds	Dow Agro Sciences
J. E. Orr	KeyGene
Koeltz Scientific Books	McCain Foods
Nelson's Vegetable Storage Systems Inc.	
New England Biolabs	NSF
Nunhems	Pest Pros Inc.
Philipp Morris	Promega
R. D. Offutt Co.	Seminis
Simplot	Sipcam Agro USA Inc.
Spectrum Technologies Inc.	
Syngenta	Time Logic
Syngenta Seeds	US Potato Board
USDA ARS	USDA CSREES
USDA FAS	UW Dept of Horticulture
UW Latin American & Caribbean & Iberian Studies	
Program Total funds = \$112,000	

Registration by class.

331 early full conference
86 early students and post-docs
23 early companions
42 complimentary (30 invited speakers and 12 helpers or dignitaries)
4 early single day
42 late full conference
6 late student and post-doc
1 late companion
4 late single day

Total: 539 registrants

Registrants by country:

Austria	1	Belgium	1	Chile	1
China	1	Denmark	1	Ecuador	1
Ethiopia	1	Jordan	1	Palestine	1
Poland	1	Ireland	1	Romania	1
Taiwan	1	Turkey	1	Venezuela	1
Guatemala	2	India	2	Kenya	2
Mexico	2	Puerto Rico	2	Russia	2
Switzerland	2	New Zealand	4	Spain	4
Australia	5	Colombia	5	Argentina	7
Scotland	8	Israel	10	Brazil	11
France	12	Japan	12	Peru	12
Germany	13	Korea	13	England	14
Italy	15	Canada	20	Netherlands	26
USA	319				

Total: 42 countries

Presentation detail.

Invited Solanaceae presentations.....	47
PAA presentations.....	100
PAA posters.....	55
Satellite Session Posters.....	24
Solanaceae session posters.....	97
Satellite session talks (from 10 satellite sessions).....	93
Total talks and posters.....	416
Total authors on these talks and posters:	1050

David M. Spooner, Shelley Jansky, Alvin J. Bussan
2006 LAC Committee

Re-launch of "Pest Management Section"

Oregon State University has re-launched the Pest Mgmt Section on the Potato Info Exchange webpage: <http://oregonstate.edu/potatoes/>

The purpose of the website is to keep researchers and people from the industry up to date with the latest development on pest management in the Pacific Northwest, and hopefully beyond.

The contact person for the Pest Management section is: Silvia I. Rondon:

Oregon State Univ, Extension Entomologist - Asst Professor
Hermiston Agricultural Res & Ext Center, 2121 South First
Street, PO Box 105,
Hermiston, OR 97838
Phone: (541) 567-8321 Fax: (541) 567-2240
E-mail: silvia.rondon@oregonstate.edu

"2006 Frank L. Haynes Graduate Student Research Competition Report"

The members of the Graduate Student Competition Committee in 2006 were Kathy Haynes (USDA/ARS - Beltsville), Leslie Wanner (USDA/ARS-Beltsville), Mark Pavsek (Washington State Univ), Walter De Jong (Cornell Univ), Jeff Miller (Univ of Idaho) and Silvia Rondon (Oregon State Univ).

The awards were funded by the "Frank L Haynes Graduate Student Res Competition Award" endowment funds of the PAA.

Nineteen students participated in the competition: 10 Ph.D. and 9 M.S. students. They made presentations in the following sections: Breeding and Genetics (9), Plant Protection (4), Utilization and Physiology (1) and Production and Management (5). They were from ten institutions: Univ of Minnesota (1), Texas A&M University (1), North Dakota State Univ (1), Univ of Idaho (2), Nova Scotia Agricultural College (1), Michigan State Univ (1), Montana State Univ (1), Univ of Florida (1), North Carolina State Univ (1), and the Univ of Wisconsin (9).

The students came from nine countries: Argentina (1), Canada (1), Columbia (1), Guatemala (1), Northern Ireland (1), Peru (2), Rwanda (1), South Korea (1), and the USA (10).

The winners were:

1st place – Michael Copas, Production and Management, Univ of Wisc, M.S., USA, 'Influence of compaction and subsoil tillage on soil water movement and potato rooting patterns'.

2nd place – Magnifique Nzaramba, Breeding and Genetics, Texas A&M Univ, Ph.D., Rwanda, 'The influence of production environments on antioxidant activity, phenolics and specific gravity in potato (*Solanum tuberosum* L.)'.

3rd place – Jeffrey Davis, Plant Protection, Univ Minn, Ph.D., U.S.A., 'Identifying and mapping resistance to green peach aphid, *Myzus persicae* (Sulzer) in potato'.

4th place – Mary LaMere, Production and Management, Univ Wisc, M.S., USA, 'The effects of fumigation, nitrogen fertility, and varietal resistance to early dying (*Verticillium dahliae*) and early blight (*Alternaria solani*) on crop health and productivity'.

There was a tie for 5th place:

5th place – Diego Fajardo, Breeding and Genetics, Univ Wisc, Ph.D., Columbia, 'Species and series boundaries of *Solanum series Conicibaccata* and phenetically similar species in ser. *Piurana* (sect. *Petota*): Morphological data from a field study in Peru'.

5th place – Christine Worthington, Production and Management, Univ of Florida, Ph.D., USA, 'Effect of polymer coated urea and ammonium nitrate fertilizer on yield and quality of 'Atlantic' potato under simulated leaching rainfall events in northeast Florida'.

Submitted by Kathy Haynes
Chair, GSAC

Complete Sets of *American Journal of Potato Research* & *American Potato Journal* Available For Purchase

With the recent move of the PAA office this past summer, it became even more apparent of the excess copies of the AJPR and APJ that we have in storage. At this year's Annual Meeting a request was ask of just how many "complete sets" of each issue we had available for resale. I have finally finished categorizing and repacking them so they are stored safely in the storage area of my garage and I am able to park inside before the snow sets in.

2005-Vol. 82: 100	1989-Vol. 66: -0-	1973-Vol. 50: 2
2004-Vol. 81: 80	1988-Vol. 65: 21	1972-Vol. 49: 2
2003-Vol. 80: 100	1987-Vol. 64: 9	1971-Vol. 48: 5
2002-Vol. 79: 130	1986-Vol. 63: 6	1970-Vol. 47: 5
2001-Vol. 78: 110	1985-Vol. 62: 7	1969-Vol. 46: 7
2000-Vol. 77: 90	1984-Vol. 61: 12	1968-Vol. 45: 7
1999-Vol. 76: 25	1983-Vol. 60: 19	1967-Vol. 44: 2
1998-Vol. 73: 5	1982-Vol. 59: -0-	1966-Vol. 43: 6
1997-Vol. 74: 6	1981-Vol. 58: 25	1965-Vol. 42: 4
1996-Vol. 73: 8	1980-Vol. 57: 17	1964-Vol. 41: 5
1995-Vol. 72: 4	1979-Vol. 56: 24	1963-Vol. 40: 4
1994-Vol. 71: 13	1978-Vol. 55: 9	1962-Vol. 39: 4
1993-Vol. 70: 30	1977-Vol. 54: 2	1961-Vol. 38: 6
1992-Vol. 69: 3	1976-Vol. 53: 3	1960-Vol. 37: 4
1991-Vol. 68: -0-	1975-Vol. 52: 3	1959-Vol. 36: 7
1990-Vol. 67: -0-	1974-Vol. 51: 2	1958-Vol. 35: 7

1957-Vol. 34: 4	1945-Vol. 22: -0-	1934-Vol. 11: -0-
1956-Vol. 33: 1	1944-Vol. 21: -0-	1933-Vol. 10: -0-
1955-Vol. 32: 1	1943-Vol. 20: -0-	1932-Vol. 9: -0-
1954-Vol. 31: 2	1942-Vol. 19: -0-	1931-Vol. 8: 1
1953-Vol. 30: 1	1941-Vol. 18: 1	1930-Vol. 7: -0-
1952-Vol. 29: -0-	1940-Vol. 17: -0-	1929-Vol. 6: -0-
1951-Vol. 28: -0-	1939-Vol. 16: -0-	1928-Vol. 5: -0-
1950-Vol. 27: -0-	1938-Vol. 15: 2	1927-Vol. 4: -0-
1949-Vol. 26: -0-	1937-Vol. 14: 1	1926-Vol. 3: -0-
1948-Vol. 25: -0-	1936-Vol. 13: 1	1926-Vol. 2: -0-
1947-Vol. 24: -0-	1935-Vol. 12: -0-	1925-Vol. 1: -0-
1946-Vol. 23: -0-		

There are several volumes that there may not be enough copies to make complete sets but there are several individual issues with an overstock available. The price for a full set (6 issues published bi-monthly) is \$60.00 starting in 1997 and forward; and for a complete set of APJ (12 issues) is \$100.00. Please check before sending in money. The Order form is on the PAA website: <http://www.umaine.edu/PAA/puborderform.htm> If you have any questions, give me a call: 207-581-3042! ~ Lori ~

2006-2007

PAA Background

Executive Committee

President:
Sam Thornton

President-Elect:
Alex Pavlista

Vice President:
Chuck Brown

Secretary:
Loretta Miktzel

Treasurer:
Al Bushway

Past-President:
Larry Hiller

Directors:
Bill Campbell
Don Halseth
Phill Hamm
Phil Nolte
Susie Thompson

Editor-in-Chief:
John Bamberg

Technical Editor:
Barbara Harrity

Annual Meeting:
August 12-16, 2007
Idaho Falls, Idaho

PAA Insider is published quarterly starting in January. **Contact:** Lori Wing, Admin. Asst./Editor, The Potato Association of America, 5719 Crossland Hall, Rm 218-220, Univ of Maine, Orono, ME 04469-5719 USA Phone: 207-581-3042; Fax: 207-581-3015; Email:umpotato@maine.edu; Web: <http://www.umaine.edu/paa>

Members in the News

The USA-Brazil successful demonstration of the sprout/seed-potato system (AJPR. Vol 82:61, 2005;PAA/Solanaceae-2006, Program & Abstract, p.187), as an inexpensive and sanitary way of moving potato propagating material ("seed") by PAA members Jose A. Caram de Souza-Dias (Phytosanitary Center, Instituto Agronômico Campinas, Brazil) and Bill Campbell (Plant Material Center, Palmer, Alaska) will be, for the first time, commercially experimented in Brazil. One of the most traditional and highly qualified seed-potato producers, the R&F Lavouras Co. located in the Southern of Brazil, Itapetininga, SP, will be contracting small potato growers in the Northeast (over 2000 miles distant). The Northeast of Brazil is the most economic-social demanding region of the country. In the "Agreste" zone of this region, there is a microclimate where the mild winter-raining season (April thru August) is ideal for cropping potato.

The sprouts, which are usually considered "as trash stuff", will be removed by R&F Lavouras Co from their certified virus-free tuber/seed-potato stocks before field plantings in mid May. The sprouts will be shipped via air-express service to two Brazilian Northeast potato producing states: Paraíba (PB) and Pernambuco (PE). Upon arrival, sprouts will be planted in pots, inside

screenhouses (insect proof), supervised by Dr. Edson B. Lopes (EMEPA - PB); and Dra. Monica H. Cavalcante (Caruaru Municipal Agro Dept, PE). The sprout produced "pre-basic" minituber/seed-potato stocks, will be field planted (April-May, 2008) by local PB and/or PE potato growers to produce certified tuber/seed-potato lots ("Basic class").

The underline of this pioneering commercial initiative is to exploit a unique region of the country where good tuber yields. The area also has a very low rate of viral contamination using minimal chemical inputs. Such rare "virus-free" field potato cropping conditions has been attributed to a peculiar agro-climatic ecosystem: One cropping season/year, followed by a 7-month severe drought and hot weather, resulting in a near total absence of volunteer potatoes, weeds and insect vectors.

Under the R&F Lavouras contract, all field produced virus-free certified seed-potatoes lots ("Basic Seed") in PB or PE, that originate from their sprouts, will be purchased by the company. It is expected that the sprout/seed-potato system will be an economical/social/sanitary and agro-ecological scheme of producing high grade "Basic Seed", not only for the potato crop in the Northeast of Brazil, but also in other countries where healthy seed-potato stocks are most needed.

Jose A. Caram de Souza-Dias, Brazil
Bill Campbell, Alaska

Past President Farewell Letter

...Continued From Page 1

EAPR were in attendance at our meetings in Madison, several good discussions and interactions were achieved with them, and supported unanimously by the Executive Committee and the entire membership at our annual meeting. More information will continue to unfold during the coming year. Likewise, serious discussions and planning stages were focused our Journal and possible relations with Springer Publishing. Again, this will be a matter of discussion and decision during this next year. Be sure

to keep informed through our newsletter and email to the membership.

The Potato Association of America is nearing its 100th year as a professional society. We continue a strong history of tradition and a enjoy the positive challenges of new opportunities and growth. This is the sense of dedication and pride that I know our current slate of officers have for the society and will hold high the determination for great achievements in the year to come. Let us all help and give them our full support.

Larry K Hiller
Past President 2005-2006

