

**NATIONAL SWEETPOTATO COLLABORATORS GROUP
PROGRESS REPORT
2018**

FEBRUARY 1 – 2, 2019

**The State Experiment Stations
The Cooperative Extension Service
The United States Department of Agriculture**

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Chair

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Mississippi State University
Pontotoc, MS**

SERA Advisor

**Dr. David Monks
Assistant Director
NC Agricultural Research Service
Raleigh, NC**

PAST CHAIRS

2018 Victor Njiti
2017 Melanie Filotas
2016 Kenneth Pecota
2015 Larry Adams
2014 David Picha
2013 Arnold Caylor
2012 Ramon Arancibia
2011 Tara Smith
2010 D. Michael Jackson
2009 Jack Osman
2008 Zvezdana Pesic-VanEsbroeck
2007 C. Scott Stoddard
2006 Mark Shankle
2005 Arthur Villordon
2004 G. Craig Yencho
2003 Richard N. Story
2002 Kenneth Sorensen
2001 Paul W. Wilson
2000 Jonathan Schultheis
1999 George Philley
1998 Don LaBonte
1997 Mike Cannon
1996 Conrad Bonsi
1995 D.R. Earhart
1994 Paul Thompson
1993 Melvin Hall
1992 Christopher Clark
1991 William Walter
1990 Stanley Kays
1989 James Moyer
1988 Robert Scheurman
1987 Phil Dukes
1986 L. George Wilson
1985 Max Hamilton
1984 John Bouwkamp
1983 Wanda Collins
1982 Al Jones
1981 J.L. Collins
1980 G.R. Ammerman
1979 J.L. Turner
1978 B.T. Whatley
1977 R.J. Constantin
1976 W.A. Sistrunk

PAST NATIONAL IMPACT AWARD RECIPIENTS

2018 Van-Den Truong USDA-ARS- Southeast Area Food Science Research Unit

2017 Michael D. Boyette NC State University- Agricultural and Biological Engineering

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AGENDA
National Sweetpotato Collaborators Group
2018 Annual Conference
February 1 - 2, 2019
Birmingham, AL

Chairperson: Mike Boyette (NC State University, Raleigh, NC)

Friday February 1, 2019

7:30 Registration (\$30)

8:00 Call to Order and Announcements

8:15 State Reports

8:45 Discussion

Postharvest, Processing, and Marketing:

Presiding: Mike Boyette, NC State University

9:15 Global Sweetpotato Market Situation. David H. Picha*, School of Plant, Environmental & Soil Sciences, LSU AgCenter, Baton Rouge, LA 70803. (dpicha@agcenter.lsu.edu)

9:30 Development of Frozen Dessert and Smoothie from Cull Sweetpotato Roots and Greens. Shinyoung Kim¹, Juan L. Silva^{1*}, Stephen L. Meyers², G. Daniel Chesser³ & J. Wes Lowe³. ¹Dept. of Food Science, Nutrition & Health Promotion, MS State University, Mississippi State, MS 39762, ²Pontotoc Ridge-Flatwoods Branch Experiment Station, MS State University, Pontotoc, MS 38863, ³Dept. of Agricultural & Biological Engineering, MS State University, Mississippi State, MS 39762. (jls46@msstate.edu)

9:45 Morning Break (15 minutes)

Physiology, Breeding, and Genetics:

Presiding: Ken Pecota, NC State University

10:00 Comparison of Multiplex PCR, qPCR, and LAMP Assays for Detection and Quantification of Potyviruses in Sweetpotato. Christopher A. Clark*, Cathy DeRobertis & Favio Herrera, Dept. of Plant Pathology & Crop Physiology, LSU AgCenter, Baton Rouge, LA 70803. (cclark@agcenter.lsu.edu)

- 10:15 Genetic Diversity and Population Structure of the USDA Sweetpotato (*Ipomoea batatas*) Germplasm Collections Using GBSpoly.** Phillip A. Wadl^{1*}, Bode A. Olukolu^{2,3}, Sandra E. Branham¹, Robert L. Jarret⁴, G. Craig Yencho² & D. Michael Jackson¹. ¹USDA- ARS, US Vegetable Laboratory, Charleston, SC, ²Dept. of Horticultural Science, NC State University, Raleigh, NC, ³Dept. of Entomology & Plant Pathology, University of Tennessee, Knoxville, TN, ⁴USDA- ARS, Plant Genetic Resources Conservation Unit, Griffin, GA. (phillip.wadl@ars.usda.gov)
- 10:30 MPRU Update: Implementation of a Hybrid System for the Production of Sweetpotato Certified Seed in North Carolina.** Christie Almeyda*, Tamara Abernethy & Lawrence Talton, Micropropagation & Repository Unit (MPRU), Dept. of Entomology & Plant Pathology, NC State University, Raleigh, NC 27695. (cvalmeyd@ncsu.edu)
- 10:45 Root System Architectural Traits under Phosphorus Deficiency in Sweetpotato: Interpreting Efficiency, Utilization and Physiological Performance.** Luis O. Duque* & Jonathan Lynch, Dept. of Plant Science, Penn State University, University Park, PA 16802. (loduque@psu.edu)
- 11:00 PA Preferred Sweetpotato: a New, Viable and Profitable Food Commodity.** Luis O. Duque*, Dept. of Plant Science, Penn State University, University Park, PA 16802. (loduque@psu.edu)
- 11:15 Sweetpotato Clone/Variety Evaluation Studies, 2018, North Carolina.** Keith D. Starke* & Jonathan R. Schultheis, Dept. of Horticultural Science, NC State University, Raleigh, NC, 27695. (kdstarke@ncsu.edu)
- 11:30 Year Four Update on the GT4SP Genomic Tools for Sweetpotato Improvement Project.** G. Craig Yencho*, Dept. of Horticultural Science, NC State University, Raleigh, NC 27695. (craig_yencho@ncsu.edu)

11:45 Lunch Break

Graduate Student Contest:

Presiding: Michelle McHargue, Lamb Weston

PhD Students

- 1:00 Transcriptome Analysis of Cultivated and Wild Sweetpotato Reveals Differences in NB-LRR Resistance Gene Repertoire.** Camilo H. Parada-Rojas* & Lina Quesada-Ocampo Dept. of Entomology & Plant Pathology, NC State University, Raleigh, NC 27695. (chparada@ncsu.edu)
- 1:15 Screening *Ipomoea spp.* for Improved Drought Tolerance in Cultivated Sweetpotato (*Ipomoea batatas* (L.) Lam).** Stella E. C. Nhanala^{1*}, Chris Heim¹, Bettina Heider², Richard E. Miller³ & G. Craig Yencho¹. ¹Dept. of Horticultural

Science, NC State University, Raleigh, NC 27695, ²International Potato Center (CIP), Lima, Peru, ³Flower Diversity Research Institute, Hammond, LA 70401. (senhanal@ncsu.edu)

- 1:30 Characterization of Phytoene Desaturase Gene from Various Sweetpotato Cultivars and Its Utilization in CRISPR/Cas9- Mediated Genome Editing.** Foaziatu Bukari^{1*}, M. Egnin¹, S. Traore¹, O. Idehen¹, G. Bernard¹, L-Y. Lee², S. Gelvin², A. Brown¹, D. Mortley¹, C. Bonsi¹ & D. Alexander¹. ¹Plant Biotechnology & Genomics Research Lab, College of Agriculture, Environment & Nutrition Sciences, Tuskegee University, Tuskegee, AL, ²Dept. of Biological Science, Purdue University, West Lafayette, IN. (fbukari0632@tuskegee.edu)
- 1:45 Development of Sweetpotato Cas9 Transgenic Lines for Site Specific Editing of Putative Storage Root Initiation Genes.** Adrienne Brown^{1*}, F. Bukari¹, M. Egnin¹, O. Idehen¹, G.C Bernard¹, D. Mortley¹, C. Bonsi¹, L-Y Lee² & S. Gelvin². ¹Plant Biotech & Genomics Research Lab, College of Agriculture, Environment & Nutrition Studies, Dept. of Agricultural & Environmental Sciences, Tuskegee University, Tuskegee, AL 36088, ²Dept. of Biological Science, Purdue University, West Lafayette, IN. (abrown9633@tuskegee.edu)
- 2:00 Characterizing Factors that Impact Water Dispersal of *Ceratocystis fimbriata*, Causal Agent of Black Rot.** Madison Stahr* & Lina Quesada-Ocampo, Dept. of Entomology & Plant Pathology, NC State University, Raleigh NC, 27695. (mnstahr@ncsu.edu)
- 2:15 Response of Sweetpotato and Yield Components to Indaziflam.** Stephen C. Smith^{1*}, KM Jennings¹, DW Monks¹ & MR Schwarz². ¹Dept. of Horticultural Science, NC State University, Raleigh, NC 27607, ²Bayer CropScience LP, Research Triangle Park, NC 27709. (scsmith7@ncsu.edu)
- 2:30 Effects of Sweetpotato Transplant Orientation on Yield and Soil Nutrients.** Jeffrey C. Gregorie* & Arthur Q Villordon, LSU AgCenter Sweet Potato Research Station, Chase, LA 71324. (CGregorie@agcenter.lsu.edu)
- 2:45 Comparing Weight Loss of Sweetpotatoes (*Ipomoea batatas*) in Storage by Three USDA Grades.** Theresa F. Arnold^{1*}, Don R. LaBonte², Arthur Q. Villordon¹, David H. Picha² & Tara P. Smith¹. ¹LSU AgCenter Sweet Potato Research Station, Chase, LA 71324, ²LSU AgCenter School of Plant Environmental & Soil Sciences, Baton Rouge, LA 70803. (tarnold@agcenter.lsu.edu)

3:00 Afternoon Break (15 minutes)

MS and Undergraduate Students

- 3:15 Biotechnological Approaches for Improving Sweetpotato Viral Disease Resistance in Mississippi.** Faith Iseguede*, Yan Meng, Chunquan Zhang & Victor

Njiti, Dept. of Agriculture, Alcorn State University, Lorman, MS 39096.
(fisequede@students.alcorn.edu)

- 3:30 Efficacy of Tank Mixes Containing Linuron for Palmer Amaranth Control in Sweetpotato.** Levi D. Moore*, Katherine M. Jennings, David W. Monks, Stephen C. Smith, Matthew D. Waldschmidt & Kira C. Sims, Dept. of Horticultural Science, NC State University, Raleigh, NC 27695. (ldmoore8@ncsu.edu)
- 3:45 Biochemical Characterization of Sweet Potato Cultivars Treated with Growth Retardant Prohexadione-Calcium under Field Conditions.** Lydia Batey*, Ananda Nanjundaswamy & Victor Njiti, Dept. of Agriculture, Alcorn State University, Lorman, MS 39056. (ananda@alcorn.edu)
- 4:00 *Bacillus subtilis* Assisted Bioprocess Modification of Sweet Potato-Soymeal under Solid State Fermentation (SSF).** Kaelin Travis*, Angela Jackson, Ananda Nanjundaswamy, Keerthi Mandyam & Victor Njiti, Dept. of Agriculture, Alcorn State University, Lorman, MS 39096. (ananda@alcorn.edu)

Planned Discussion:

- 4:15 Germplasm Discussion**
Presiding: Chris Clark, LSU
- 4:45 *Meloidogyne enterolobii* Discussion**
Presiding: Phillip Wadl, USDA-ARS
- 5:15 Adjourn for the Day**

Saturday February 2, 2019

8:00 Call to Order and Announcements

Pest Management

Presiding: Tara Smith, LSU

8:15 Evaluation of Fe and Plant Hormones for Safening Herbicides in Sweetpotato
Tyler Campbell^{1*}, Matthew Cutulle¹ & Phillip Wadl². ¹Clemson Coastal Research & Education Center, Clemson University, Charleston, SC 29414, ²USDA- ARS, US Vegetable Laboratory, Charleston, SC. (mcutull@clemson.edu)

8:30 Evaluation of Sweetpotato Germplasm for Resistance to the Guava Root Knot Nematode (*Meloidogyne enterolobii*). William B. Rutter* & Phillip Wadl, USDA-ARS, US Vegetable Laboratory, Charleston, SC 29449.
(William.rutter@ars.usda.gov)

8:45 Impact of Variety on Insect Damage. Fred Musser^{1*}, Jeff Main² & Stephen Meyers². Dept. of Biochemistry, Molecular Biology, Entomology & Plant Pathology, MS State University, Mississippi State, MS 39762, ²Pontotoc Ridge-Flatwoods Branch Experiment Station, Pontotoc, MS 38863. (fm61@msstate.edu)

9:00 Evaluating Soil Insect Damage in Commercial Sweetpotato Varieties in Louisiana. T.P. Smith^{1*}, C. Gregorie¹, T.F. Arnold¹ & Don LaBonte². ¹LSU AgCenter Sweet Potato Research Station, Chase, LA 71324. ²School of Plant, Environmental & Soil Sciences, Louisiana State University AgCenter, Baton Rouge, LA. (tsmith@agcenter.lsu.edu)

9:15 Evaluating Glufosinate Herbicide on Sweetpotatoes in California. Scott Stoddard, UC Cooperative Extension, Merced, CA 95341. (csstoddard@ucanr.edu)

9:30 Morning Break (15 minutes)

Crop Management

Presiding: Mark Shankle, MS State University

9:45 Effect of Potassium Fertilizer Rate on Bayou Belle and Beauregard Sweetpotato. Callie J. Morris*, Mark W. Shankle, Trevor F. Garrett, Stephen L. Meyers & Jeffery L. Main. Pontotoc Ridge-Flatwoods Branch Experiment Station, MS State University, Pontotoc, MS 38863. (cjlw521@msstate.edu)

- 10:00 Number 1 and Jumbo Root Counts Can be Used to Determine Sweetpotato Yield.** Xiaofei Zhang*, Ken Pecota, Jeremy Machacek & Craig Yencho, Dept. of Horticultural Science, NC State University, Raleigh, NC, 27607. (xiaofei_zhang@ncsu.edu)
- 10:15 Sweetpotato Shape Analysis Using Dual Laser Scanners on Different Nitrogen Applications.** Michael D. Boyette* & Amber L. Tsimikas, Dept. of Biological & Agricultural Engineering, NC State University, Raleigh, NC 27695. (boyette@ncsu.edu)
- 10:30 Using a Low-Cost 3D Scanner and Open-Source Software to Measure Shape in Sweetpotato cv. Bellevue Grown under Contrasting Potassium Availability.** Arthur Villordon^{1*}, Jeffrey C. Gregorie¹ & D. LaBonte². ¹LSU AgCenter Sweet Potato Research Station, Chase, LA 71324, ²LSU AgCenter School of Plant, Environmental & Soil Sciences, Baton Rouge, LA 70803. (avillordon@agcenter.lsu.edu)
- 10:45 Yield Variation in Response to Phosphorus Fertilization in Sweetpotato Cultivars.** Arthur Villordon^{1*}, Jeffrey C. Gregorie¹ & D. LaBonte². ¹LSU AgCenter Sweet Potato Research Station, Chase, LA 71324, ²LSU AgCenter School of Plant, Environmental & Soil Sciences, Baton Rouge, LA 70803. (avillordon@agcenter.lsu.edu)
- 11:00 Days to Maturity, Optimal In-row Plant Spacing and Curing Time for the New Canadian Variety Radiance.** Valerio Primomo¹, Derek Pearson¹ & Don LaBonte². ¹Vineland Research & Innovation Centre, Vineland Station, Ontario, Canada, L0R 2E0, ²School of Plant, Environmental & Soil Sciences, LSU AgCenter, Baton Rouge, LA 70803. (valerio.primomo@vinelandresearch.com)
- 11:15 Off-target Movement of Dicamba Herbicide to Sweetpotato at Different Growth Stages.** Mark W. Shankle, Stephen L. Meyers, Trevor F. Garrett & Jeffery L. Main, Pontotoc Ridge-Flatwoods Branch Experiment Station, MS State University, Pontotoc, MS 38863. (mark.shankle@msstate.edu)
- 11:30 Simulated Reduced Sweetpotato Plant Stand- An Attempt to Estimate Yield Loss and Guide Replant Decisions.** Stephen L. Meyers^{1*}, Katie M. Jennings², Tara P. Smith³, Theresa F. Arnold³, Jeffrey L. Main¹, Callie Morris¹, Matthew D. Waldschmidt², Stephen C. Smith², Levi D. Moore² & Kira C. Sims². ¹Pontotoc Ridge-Flatwoods Branch Experiment Station, MS State University, Pontotoc, MS 38863, ²Dept. of Horticultural Science, NC State University, Raleigh, NC 27695, ³LSU AgCenter Sweet Potato Research Station, Louisiana State University, Chase, LA 71324. (stephen.meyers@msstate.edu)
- 11:45 Sulfur Fertilization in Mississippi Sweetpotato.** Jeffrey L. Main, Mark W. Shankle & Stephen L. Meyers. Pontotoc Ridge-Flatwoods Branch Experiment Station, MS State University, Pontotoc, MS 38863 (jmain@ra.msstate.edu)

Business Meeting

Presiding: Mike Boyette, NC State University

12:00 Old and New Business, Awards

1:00 Adjourn

RESOLUTIONS

National Sweetpotato Collaborators Group (NSCG)

Whereas the second annual National Research Impact Award was presented along with a \$500 honorarium provided by support from the National Sweetpotato Collaborators Group and corporate sponsor Lamb Weston, and whereas the Awards Committee consisted of Mark Shankle, chair with committee members Raja Reddy, Jonathan Schultheis, and Tara Smith; and

Whereas Dr. Van-Den Truong, Food Scientist at USDA-ARS SEA Food Science Research unit at North Carolina State University was presented the second annual National Research Impact Award in honor of his numerous contributions to the food processing industries that have greatly benefitted the national sweetpotato industry; and

Whereas the NSCG has learned that Dr. Roger Crickenberger, North Carolina Agricultural Research Service who has attended this meeting for years and has served as the SERA Advisor for the group has retired; thanks for his words of encouragement and perspective; and

Whereas the Student Competition, which included 15 presentations, was chaired by Michelle McHargue, and was greatly facilitated by the assistance of volunteer judges from the NSCG; and

Whereas the 2018 winners of the NSCG Student Competition for the Ph.D. level were Madison Stahr (1st place, North Carolina State University) and Camilo H. Parada-Rojas (2nd place, North Carolina State University), and for the MS level Morgan Caudill (1st place, North Carolina State University) and Stephen C. Smith (2nd place, North Carolina State University);

Now therefore be it resolved that the NSCG and its members express our sincere thanks for all of the abovementioned contributions, which serve the greater good of the sweetpotato community in the United States, Canada, and globally.

Respectfully prepared and submitted by Ken Pecota.

**2018 Minutes of the National Sweetpotato Collaborators Meeting
January 19-21, 2018
Wilmington, NC**

Victor Njiti, Chairperson

Sunday, January 21, 2018

Called to order by Victor Njiti at 10:43 AM.

Victor asked those in attendance to review the minutes from 2017. A motion was made to accept the minutes as written. The motion was seconded and passed unanimously.

Craig Yencho acknowledged the local organizing committee as well as Victor Njiti and Stephen Meyers for their contributions to the meeting. He furthermore stated that attendance at the meeting consisted of at least 80 individuals representing 11 countries, 10 states, 15 student talks, 14 universities/institutes, and 10 industry representatives. He proposed the consideration to meet every year with the United States Sweet Potato Council and noted that most disciplines are well represented with the exception of economics. Craig thanked everyone for coming to North Carolina.

Victor again acknowledged the work of Wendy Koch and Stephen Meyers for their efforts in meeting management. Those in attendance applauded.

Victor introduced Michelle McHargue, Chair of the Graduate Student Contest. Michelle stated she would email grading sheet to the participating students and announced the winners:

MS Level

1st Place

Small Scale Processing of Sweetpotato-Fruit Mixed Purees with High Phytonutrients Using a Continuous Flow Microwave System. Morgan Caudill^{1*}, Van-Den Truong² and Josip Simunovic¹. ¹Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University, Raleigh, NC 27695, ²USDA-ARS, SEA Food Science Research Unit. (mfcaudil@ncsu.edu)

2nd Place

Palmer Amaranth Control in Sweetpotato within Reduced Tillage or Conventional Production Systems. Stephen C. Smith*, Katie M. Jennings, and David W. Monks, Department of Horticultural Science, North Carolina State University, Raleigh, NC 27695. (scsmith7@ncsu.edu)

PhD Level

1st Place

The Effect of Environmental Conditions and Wounding on Disease Progression of Sweetpotato Black Rot Caused by *Ceratocystis fimbriata*.

Madison Stahr* and Lina Quesada-Ocampo, Department of Entomology and Plant Pathology, North Carolina State University, Raleigh, NC 27695. (mnstahr@ncsu.edu)

2nd Place

Characterizing Sources of Resistance and Fungicides to Control Black Rot Disease Caused by *Ceratocystis fimbriata* in North Carolina.

Camilo H. Parada-Rojas*, Hunter Collins, and Lina Quesada-Ocampo, Department of Entomology and Plant Pathology, North Carolina State University, Raleigh, NC 27695.

(chparada@ncsu.edu)

Michelle stated that scores were very close with ½ to 1 point of separation. The students did well to stay on time and left time for questions.

Victor Njiti asked Mark Shankle for an Awards Committee report. The Awards Committee consisted of Mark Shankle (chair), Raja Reddy, Jonathan Schultheis, and Tara Smith. Due to an impending United States government shutdown, the National Research Impact Award was given to Van Den-Truong, USDA-ARS, SEA Food Science Research Unit, earlier in the National Sweetpotato Collaborators Group Annual Meeting program.

Ken Pecota read the Resolutions proposed by the Resolutions Committee consisting of Ken Pecota (chair), Luis Duque, David Picha, and Lina Quesada. Jonathan Schultheis made a motion to accept the Resolutions as read, Tara Smith seconded the motion, and the motion passed unanimously.

Stephen Meyers gave a report on the Variety Trial results. All of the clones from the 2017 trial were retained and LA 14-31 was added by LSU. Ken Pecota provided an update on new NCSU releases and asked that those planning to use NCSU clones get new stock and avoiding using older generational material.

Tara Smith announced that there will be a Stakeholder Advisory Panel Meeting following the business meeting.

Scott Stoddard added that there will also be a National Clean Plant Network Meeting in the afternoon. He proceeded to give the report for the Nominations Committee consisting of Scott Stoddard (chair), Stephen Meyers, and Melanie Filotas. The Nominations Committee nominated Lina Quesada for Chair-Elect then opened the floor for debate or additional nominations. Jonathan Schultheis motioned to close the floor to nominations and accept Lina as Chair-Elect. Michelle McHargue seconded the motion, and the motion passed unanimously.

Victor stated that the next NSCG meeting would be in Birmingham, AL.

Victor stated that David Picha told him the 75 year compendium is making progress and will be done next year.

Craig Yencho said that funds expire in September of 2018. Jonathan Schultheis asked for more information about the project's status. Victor stated that David had received materials from the chapter leaders. There was general skepticisms about completing the compendium before the September 2018 deadline.

Jonathan Schultheis spoke about the progress of the National Sweetpotato Production (Extension) publication and provided a draft of the publication's outline. He proposed the document be available online and in print and be updated approximately every five years. He proposed to have a draft before sweetpotato production season.

Scott Stoddard stated that this publication would be a complement to the previously published Post-Harvest book.

David Monks asked if there would be a paper copy. Jonathan stated it would be online and there would also be some printed copies available.

David stated the importance of accessing the document via smartphone. Jonathan agreed, but stated it would be good to hand a hard copy to people as well. Mike Boyette stated that it could be a "print on demand" pdf format as well. Craig Yencho stated that Extension publication was a good idea that is well-planned and should be green-lighted to move forward with a deadline of August 15 to use funds from the Multi-State Research Award (motioned). The motion was seconded by Mark Shankle and passed unanimously. Jonathan stated that section leads would have a deadline of April 1 for their sections.

Craig Yencho asked those in attendance for an additional \$1,000 in NSCG Multi-State Research Award funds to cover the costs of the NSCG meeting. Jonathan Schultheis stated that the 2017 business meeting minutes allowed for funds to be used in this manner. Craig agreed but stated that no dollar amount was specified. Jonathan Schultheis made a motion to approve up to an additional \$1,000 in expense. Stephen Meyers seconded the motion.

Fred Musser asked if the funds were being taken from the award money and what other expenses were coming from these award funds.

Jonathan Schultheis said he didn't know where the potential other expenses stand.

Scott Stoddard stated that at this point it is easier to write an Extension publication than a compendium (given the short turnaround required).

David Monks stated the group needs to check on the 75 year compendium with David Picha. Jonathan Schultheis said he'd check into this.

Wendy Koch reminded the group that expenses to be claimed on the Multi-State Research Award need to be submitted at least a month before the expiration date.

The motion to increase meeting expenses up to an additional \$1,000 passed unanimously.

Jonathan Schultheis proposed we reassess the structure of the meeting. Victor Njiti stated the meeting costs will increase if we require more days to conduct the meeting. David Monks suggested options may include concurrent sessions and/or poster and paper sessions.

Victor Njiti handed the gavel to Mike Boyette, incoming NSCG Chair. Mike reminded the group that the next meeting would be SAAS, which was January 31st to February 7th and stated the meeting next year should include more time for discussion. A motion to adjourn was made, seconded, and passed unanimously.

Meeting adjourned at 11:44 AM.

Report respectfully submitted by Stephen L. Meyers.