

Meeting Minutes
93rd Annual Meeting
Southeastern Branch of the Entomological Society of America
Final Business Meeting
5 March 2019
Renaissance Mobile Riverview Plaza Hotel
Mobile, AL

In Attendance

SEB members attended the final business meeting; thus met the quorum (35).

Call to Order – Oscar Liburd, President, SEB-ESA

Oscar Liburd called the meeting to order. He welcomed everyone to the final business meeting.

Reading of 2018 Meeting Minutes – Amanda Hodges

A motion was made and seconded to dispense with the reading of the minutes. The motion to dispense with the reading of the minutes was passed unanimously.

Financial Report – Amanda Hodges, Secretary-Treasurer

Net worth

Net worth

As of 31 January 2019, SEB has a net worth of \$91,530.72, maintained as cash in two accounts with PNC Bank, and as reserve funds in the Branch/Section/Foundation A new checking account at PNC replaced the former checking account in December of 2018. Investment Fund managed by TIAA-CREF. The net worth was \$2,134.80 higher than the balance of \$89,395.92 on 31 January 2018. The net worth remains \$12,973.26 lower than the balance of \$104,503.98 on 31 January 2017.

Checking Account (2/1/2018 – 1/31/2019):

Beginning balance	\$1,117.04
Ending balance	\$14,646.16

Money Market Account (2/1/2018 – 1/31/2019):

Beginning balance	\$14,027.31
Ending balance	\$10,035.85

Branch/Section Investment Fund (1 January – 31 December 2018):

Starting balance	\$74,227.57
Final balance	\$66,848.71

Incomes and Expenditures – 2018 Orlando meeting (covered under the 2017-2018 budget)

Cash flow summary of the 2018 SEB annual meeting held in Orlando, FL is presented as Appendix A. SEB collected \$38,385 in registration fees, and \$7,975 in sponsorship during the meeting. Additional incomes include \$800 from the Gast and Hays Awards Funds, \$10,585 in Program Enhancement Funds from ESA, and \$2,000 in supplemental funding to the Linnaean teams representing SEB at the national meeting in Vancouver, CA. The total income for the meeting was \$59,745.

The total expenditure of the Orlando meeting was \$63,498. The Local Arrangements Committee incurred the largest amount of expenditures in providing meeting space, audio-visual equipment, food and beverages to meeting attendees, totaling \$48,421.70. As in previous years, expenditures for breaks, luncheon, reception and AV were over budget.

Most other committees and offices stayed within their respective budgets. which was covered by supplemental funding from ESA.

SEB netted a loss of \$3,753 from the 2018 annual meeting in Orlando, FL. Comparatively to the 2017 annual meeting in Memphis, TN, the loss was \$686 less as the prior meeting netted a loss of \$4,439.03.

Proposed Budget for 2019-2020

The total proposed budget for the 2019-2020 is similar to the approved budget for 2018-2019 (Appendix B).

The proposed budget for most committees and offices remained the same as the 2019-2020 budget, except for the addition of funding for the Early Career Professional Lunch and Learn. Budget increases were also provided for A/V as A/V expenditures in the last several years have been overbudget in terms of actual expenditures. The anticipated sponsorship for the conference was reduced to resemble actual sponsorship obtained during the 2017-2018 and 2018-2019 meeting cycles.

An increase in registration rates was approved by the Executive Committee for the 2019 meeting in Mobile, AL. Increased registration revenues are anticipated for the 2020 meeting in Atlanta, GA. Increased registration revenues are also anticipated through the addition of meeting attendees as the conference will represent a joint meeting between the SEB and EB of the ESA.

The proposed budget for 2019-2020 achieves a balance of income and expenditures.

Auditing Committee Report -Adam Dale

Committee members included Mark Abney and former Secretary-Treasurer, JC Chong. The books were all in order and all receipts matched expenses. A motion passed unanimously to accept the audit report.

Proposed Budget-Amanda Hodges

The proposed budget was presented to the membership as it was discussed with the Executive Committee. The membership approved the proposed budget, and the meeting discussion focused on sponsorships in order to avoid future meeting deficits. A motion passed unanimously to accept the proposed budget.

Committee Reports

Local Arrangement Committee Report-David Held

Committee members:

David Held, Chair
Lawrence Fudd Graham
Kelly Palmer
Arthur Appel

Actions by the Committee:

- The SEB meeting in downtown Mobile overlaps with the city's Mardi Gras celebrations. The local tourism bureau expects 100,000-150,000 visitors to downtown Mobile specifically for Mardi Gras.
- A site visit was conducted at the Renaissance Mobile in October 2018 by the President and the LA Chair. We met with our site contact, Eileen Serrano, and went over details of the contract, and toured the facilities.
- There were early issues with SEB attendees scheduling and room assignments. The LA Chair visited the hotel in Jan to meet in person with the hotel management about the housing issue. Regarding scheduling, the hotel acknowledged the issues were partly corporate and also due to the hotel being sold out for Thursday and Friday before the meeting. Attendees trying to schedule these dates as part of their stay were receiving messages that no rooms were available. There was concern that this may drive attendees to other hotels which would affect our room block and attrition. The LAC worked with ESA headquarters staff to update the SEB website with timely information about housing.
- In late Jan, the room block at the Renaissance was sold out and is currently at 101% (383 room nights) capacity. The LA chair worked with Conference Direct and ESA headquarters to distribute a solicitation for proposals for an alternate housing venue. The Admiral Hotel, downtown Mobile, submitted a courtesy block proposal which was signed by the LA Chair. The Admiral is just down the street about 4 blocks from the Renaissance. The SEB webpage was updated 4 Feb with this new housing information. This proposal contained no attrition clause, but rooms were

more expensive than the conference hotel. The cost increase was due to limited hotel rooms in downtown for Mardi Gras. There are currently 48 room nights booked at the Admiral.

- The LAC worked with the Program Committee and the Renaissance to accommodate the logistics for the MS Bug Blues Outreach Program. This will be a one-day event held on-site coincident with the SEB.
- The LAC developed the menu for the meals, breaks, and Monday evening reception for the meeting. The F&B was discussed with the Executive Team and adjustments were made. It was decided to wait until after the registration deadline to finalize these details with the hotel.
- Final approval of the AV budget was determined to be at the discretion of the LAC.
- At the request of President Liburd, the LA Chair secured President of Visit Mobile to provide a welcome and some remarks about the city at the opening session of the meeting.
- The LA Committee accepted responsibility to have signs acknowledging corporate sponsorship of the meeting made. These signs will be displayed at breaks, meals and the Monday evening reception.
- The LAC is working on securing laptops needed for this event, mainly through support provided by the AL Cooperative Extension System. Thanks to ACES for their support of the SEB meeting.
- The LAC worked with headquarters to update the 'need to know before you go' information. This provides important information on parking and parade schedules in downtown Mobile that could affect travel.
- The LAC coordinated with the groups meeting on the shoulder dates (Sunday and Wednesday) of the meeting. They had specific needs for their groups and the LAC worked with them on AV needs, and connected them with Eileen Serrano for food service.
- Student Entomology Clubs within the SEB contacted for the LA Chair about displaying Club information and items for sale at the meeting. The LAC has a list of these groups and tables will be placed in the poster area for them.

Program Committee - Ayanava Majumdar

- Rebecca Schmidt remained program chair until Dec 2018. Ayanava Majumdar carried on building and editing the program and working with ESA staff from January 2019.
- Ayanava got a price estimate for publishing the program book from Allegra Printing in Auburn, AL. The cost estimate (based on 2017 book with color pages) was communicated to the entire SEB team during committee meetings.
- Worked with David Held to change meeting rooms several times. Don't have specifics on that.
- Tentative status of program: 10 symposia, 75 student talks, 44 student posters, 25 submitted talks, and 34 submitted posters (see changes below).

Cancellations/changes made:

Marriane Shockley (UGA)	Presentation
Tina Teague (UGA)	Poster
Brittany Lipsey (MSU)	Presentation
Nupur Sarkar (UF)	Poster
Mary Huff (UF)	Presentation
Dilani Patel (UGA)	Presentation
Evan Lampert (UNG)	Moved student presentation
Rizana Mahroof (SCSU)	Timing change
Alan Bosworth (UGA)	Presentation
Rafia Khan (UF)	Presentation
Dave Riley/Tanner Sparks (UGA)	Created title and schedule for submission
Thomas Bilbo (Clemson)	Presentation
John Shropshire (Vanderbilt)	Presentation
Andrew Lawson (UT)	Presentation
Clayton Bania (UF)	Presentation
Raven Allison (TAMU)	Presentation
Angus Catchot (MSU) – not moderating	Moderator changed to Ryan Mann (MSU)
Lina Bernoala (LSU) – not moderating	Moderator changed to Katelyn Kesheimer (AU)

Membership Committee – Lina Bernoala

The committee is chaired: Lina Bernoala, LA (2019), with members Josh Temple, FL (2019), Michael Toews, GA (2019), Fudd Graham, AL (2020), Nick Seiter, AR (2020), Rizana Mahroof, SC (2020), Rosa Franqui, PR (2020), Hannah Burrack, NC (2020), Christopher Werle, MS (2020), Savannah Duke, student (2020), Karla Adesso, TN (2020), David Jenkins, SC (2017) *ex officio*

Three members of the committee are ending their term this March. We have recruited members to represent Georgia, Florida and Louisiana. This includes also a new Chair for the committee.

Our mission is the recruitment of new members into the society and to ensure that the society provides valuable services to its members.

Membership in SEB in 2014: 1,332

Membership in SEB in 2015: 1,307

Membership in SEB in 2016: 1,260

Membership in SEB in 2017: 1,395

Membership in SEB in 2018: 1,407

Membership in SEB as of Jan 2019: 1,126 (22% of ESA membership: 5,038), broken out as follows in the table (attached).

Overall, many branch members have not renewed for 2019 yet. This membership decline probably is due to the fact that some members wait until they can register for the annual meeting (June/July) to renew their memberships.

Member Awards Committee – David Buntin

The SEB member award committee was comprised of the following members: Chair; David Buntin, GA (2019); Dennis Ring, LA (2019); Cindy McKenzie, USDA-FL (2019), Gregory Wiggins, TN (2020), Juan Luis Jurat-Fuentes, TN (2020), Carey Minter, FL, (2020) and Teresia Nyoike, BASF (2021).

The call for nominations went out in Mid-October with an original closing date of December 12, 2018. Due to lack of submission the closing date was extended to January 7, 2019. The Member Awards committee met via email to consider nominees for the branch awards. The number of nominations was similar to the previous year, but most awards only had one or no nominees. No nominations were received for the Southeastern Branch Distinguished Achievement Award in Extension, Southeastern Branch Distinguished Achievement Award in Teaching, Southeastern Branch Distinguished Achievement Award in Horticultural Entomology, and Southeastern Branch Distinguished Service to the Certification Program Award.

On behalf of the SEB-ESA Awards Committee, we would like to express our gratitude to all members who nominated their colleagues for the branch awards. One recipient was selected for each award for which nominations were received.

After reviewing all the nominations that were received, the committee recommended the following individuals to receive branch recognition this year:

Southeastern Branch Recognition Award in Entomology:

Dr. Rajagopalbabu Srinivasan, University of Georgia

Southeastern Branch Award for Excellence in Integrated Pest Management:

Dr. Daniel Carrillo, University of Florida

Southeastern Branch Recognition Award in Insect Physiology, Biochemistry, and Toxicology.

Dr. Jeffrey R. Bloomquist, University of Florida

Southeastern Branch Recognition Award in Urban Entomology:

Dr. Dennis R. Ring, Louisiana State University

Southeastern Branch Excellence in Early Career Award:

Dr. Ashfaq A. Sial, University of Georgia

The committee found the current criteria for the SEB Excellence in Early Career Award to be cumbersome and difficult to use and recommends harmonizing the criteria to be similar national level Early Career award. Revised award scoring spreadsheet was created for a couple of the awards which should be added to the SEB guidelines

document. Three committee member terms expire in 2018, and two or three new members are needed to serve through 2022.

Student Awards Committee -Hugh Smith

Kirby Hays

Kelly Murray-Stoker grew up in Tifton, GA and realized an interest in scientific research after summers during high school spent working on the University of Georgia Tifton campus. She attended the University of Georgia, majoring in both Entomology and Ecology with a minor in Geology. Kelly conducted undergraduate research on a species of caddisfly in Trinidad in the context of changing stream fish communities. She graduated in 2014, then spent time working as a stream ecology technician for the Georgia Department of Natural Resources. She was able to combine her interests in stream ecology and entomology during her Masters program at UGA. Her thesis research focused on long-term change in aquatic insect communities of the Ogeechee River, which was made possible by sampling conducted in the 1980s. During her Masters, she was also able to explore an interest in Trichoptera taxonomy by participating in a collecting trip to Vietnam with researchers from Clemson University. Kelly hopes to continue to study caddisfly systematics and ecology in a PhD program in the near future.

Comstock

Dr. Zachary DeVries (Southeastern Branch) received his Ph.D. in Entomology from North Carolina State University under the direction of Dr. Coby Schal. Zach received both his bachelor's degree in Zoology and Master's degree in Entomology from Auburn University, where he developed a passion for working with urban pests (e.g. cockroaches, bed bugs, etc.). His dissertation research focused on several aspects of urban pest behavior, physiology, evolution, and management. Specifically, he evaluated the efficacy and exposure risks associated with total release foggers ("bug bombs") used for German cockroach control. In addition, he evaluated bed bug host-attraction and several behavioral and physiological factors responsible for preventing gene flow among different host-associated lineages (human- and bat-associated) of bed bugs. During his graduate tenure, Zach received numerous national and international level awards for his work relating to insect behavior, physiology, and integrated pest management (IPM). He has also taught several undergraduate entomology courses and has actively engaged the public in both extension and outreach activities throughout his career, including events such as BugFest and pest control association meetings. Zach is currently a postdoctoral research scholar at North Carolina State University, working with Dr. Coby Schal on the relationship among urban pest biology, management, and human health.

Numerous volunteers assisted with judging the student competition at the 2019 meeting, and Dr. Hugh Smith recognized the contribution of the student awards committee members and volunteers who assisted with judging and the completion of a successful student competition.

Session	Winners
1. Undergraduate Poster I	1. Amber Johnson, Fort Valley State University, Georgia 2. Christopher Hemphill, University of Florida
2. Undergraduate Poster II	1. Kristina Smith, University of Southern Mississippi 2. Ahmed Mohamed, University of Southern Mississippi
7. Undergraduate Oral	1 st place: Trevor Forsberg, University of Florida. 2 nd place: Keyla Pruett, Louisiana State University
3. MS Poster I	1. Yifan Wang, Auburn University 2. Paul Bergeron, Clemson University
4. MS Poster II	1. Jordan Gesell, Mississippi State University 2. Edward Traczyk, University of Florida
8. MS Oral I	1. Benjamin Arends, North Carolina State University 2. Russell Godbold, Mississippi State University
9. MS Oral II	1. Morgan Pinkerton, University of Florida 2. Beverly Catchot, Mississippi State University
10. MS Oral III	1. Gabrielle LaTora, University of Florida 2. Alexander Gannon, University of Florida
11. MS Oral IV	1. Latoyia Downs, University of Southern Mississippi 2. Benjamin Aker, Louisiana State University
16. EOT – All Levels	1. Sage Thompson, University of Florida 2. Craig Frey, University of Florida
5. PhD Poster I	1. Lina Bernaola, LSU 2. James Michael Villegas, LSU
6. PhD Poster II	1. Maria Gonzales- Morales, North Carolina State University 2. Olufemi Ajayi, Auburn University
12. PhD Oral I	1. Hillary Fischer, University of Arkansas 2. Travis van Warmerdam, Mississippi State University

13. PhD Oral II	1. Marcelo Rabelo, University of Florida 2. Megan Mulcahy, Louisiana State University
14. PhD Oral III	1. Meredith Spence Beaulieu, North Carolina State 2. Josh Raji, Florida International University
15. PhD Oral IV	1. Dylan Shropshire, Vanderbilt University, Tennessee 2. Clesson Higashi, University of Georgia

Student Affairs Committee Report

2019 SEB SAC Committee Report

I. Student Affairs Committee

- Zhou Chen, AL (2020), *Chair*
- Darsy Smith, PR (2020)
- Hillary Fisher, AR (2020)
- Rebecca Zimler, FL (2020)
- Conor Fair, GA (2020)
- Ying Niu, LA (2020)
- Gabe Zilnik, NC (2020)
- Peng Zhang, SC (2020)
- Dawson Kerns, KY (2020)
- Tyler Towles, MS (2020)
- Casey Parker, FL, (2020) *Ex Officio*

II. Committee reports

a. Student symposium subcommittee

- i. Subcommittee members: Zhou Chen, Rebecca Zimler, Conor Fair, Gabriel Zilnik
- ii. Symposium topic: Biology, Ecology, and Epidemiology of Mosquitoes; the speakers invited will talk about the interaction of mosquito-pathogen (from innate immunity to mechanisms of cellular invasion), the role of asymptomatic carriage in malaria epidemiology, the ecological models used to predict mosquito borne diseases, and the neuronal mechanisms of how chemical repellents protect humans from mosquitoes
- iii. 15 speakers invited → 7 accepted and were able to attend/ present; the speakers are experts in the field of biology, ecology, or epidemiology of mosquitoes and from different schools including the University of Florida, the University of Georgia, the University of Kentucky, and the Mississippi State University
- iv. Symposium scheduled at 2:00 pm - 4:00 pm Tuesday, March 05, 2019 at Renaissance Mobile Riverview Plaza Hotel (RMRPH) - Mobile Bay I & II
- v. Calls to action for next year
 1. Decide on a topic earlier to allow more time to confirm with tentative speakers

b. Linnaean games subcommittee

- i. Subcommittee members: Darsy Smith, Dawson Kerns, Ying Niu
- ii. Nine teams will compete at the 2019 SEB meeting: Louisiana State University, University of Arkansas, University of North Georgia (all undergraduate students), Clemson University, North Carolina State University, University of Florida, Auburn University, University of Georgia, and University of Tennessee; the roster of each team has been confirmed

- iii. LG questions: all teams have followed the template to submit their questions to LG subcommittee; the LG subcommittee has checked and sorted out all questions and submitted the questions to the LG Executive Committee of SEB
- iv. LG judges: all judges have been contacted and confirmed; they're Dr. Frank Hale (University of Tennessee), Dr. Norman Leppla (University of Florida), and Dr. Alvin Simmons (USDA ARS)
- v. LG competition schedule: preliminary rounds, 4:00 pm - 7:00 pm Sunday, March 3 2019 at RMRPH Bon Secour Bay II & III; final rounds, 4:00 pm - 7:00 pm Monday, March 4 2019 at RMRPH Bon Secour Bay II & III.
- vi. Calls to action for next year
 - 1. Improved communication with the LG Executive Committee of SEB: need more transparency about how the questions collected from each team are going to be used in the games; in other words, is it possible to release the rule to all competition teams about how LG Executive Committee of SEB chooses and prepares all questions for the games? For example, the questions of History & People will account for 10% of all questions, Biological Control 15%, Taxonomy & Systematics 10%, Physiology, Morphology, & Biochemistry 15%, and so on; LG teams will prepare their competitions with higher efficiency if they know the rules of how the questions are prepared by the LG Executive Committee

c. Photo salon and job placement subcommittee

- i. Subcommittee members: Hillary Fischer, Peng Zhang, Tyler Towels
- ii. Photo salon announcement was sent out via email and posted on ESA website
- iii. As of February 13, 2019, ten submissions have been received for photo salon (2 artistic, 3 arthropods in action, 1 microphotography, 4 traditional macrophotography); submissions are from University of Arkansas, University of Georgia, North Carolina State University, and USDA ARS
- iv. Judges have been contacted and confirmed: they're Dr. Richard Melton (Clemson University), Dr. Beverly Catchot (Mississippi State University), Dr. Sara Barrett (Mississippi State University), and Dr. Ben Thrash (University of Arkansas); after the submission deadline (February 18, 2019), judges will have a week to deliberate and certificates will be printed on February 27, 2019
- v. Winners of photo salon will be announced at Awards Lunch and Photo Salon: 12:00 pm - 1:30 pm Tuesday, March 05, 2019 at RMRPH Bon Secour Bay
- vi. Job placement: the AV room has been reserved for Monday and Tuesday of the conference. Job postings are being gathered from various sources including the ESA job posting page and major industry supporters of ESA-SEB. Job opportunities will be posted on a board in the AV room
- vii. Calls to action for next year
 1. Better advertising of Photo Salon prior to meeting and encouraging more students to submit photos by communicating with the department chair of each SEB school

Rebecca Zimler, Florida Representative, SEB Rep. to the ESA Committee on Student Affairs (SAC)

Committee Report

Chair: Jocelyn holt

Other Members: Lina Bernaola (Vice chair), Ashley Kennedy (Liaison to the D&I Committee), Aditi Dubey (EB Rep.), Udari Wanigasekara (IB Rep.), Emily Justus (NCB Rep.), Rachel Olsson (PB Rep.), Jocelyn holt (SWB Rep.), Meredith Beaulieu (MUVE Rep.), Molly Darlington (PBT Rep.), Kadie Britt (P-IE Rep.), Sandra Schachat (SEB Rep.), Debi Sutton (Staff Liaison).

1. **ESA 2018 Annual Meeting in Vancouver, BC.** ESA, ESC, ESBS Joint Annual Meeting in Vancouver, BC was a productive and well attended meeting. The student events observed a great turnout and we enjoyed the collaboration with ESC and ESBC to make these events a success. **a. Blogging i.** Joe Rominiecki from Entomology Today reported on the status of the SAC blog. 1. Entomology Today blog would like to continue to have the SAC contribute blog articles.
2. The SAC blogs were a little more spread out over the 2018 year compared to the 2017 year, likely from posting blogs earlier in the year.

3. The readership was higher in 2018 compared to 2017. The article related to presentation awards and posters yielded a high readership.

4. The blog series are usually tied to the annual meeting and its theme, but this is not a requirement. a. Ideas for future blogs include: i. articles related to student issues
ii. updates regarding the Linnaean Games (ex. outcomes or changes in the Linnaean Games, why the changes were made, etc).
iii. posts about the branch meetings leading up to the annual meeting
iv. an article on what to expect from 'non-traditional' symposia that will be at the annual meeting. For example: let readers know what to expect from a Women in Entomology symposium.

v. information on upcoming student debates

b. Linnaean games i. Winners of the 2018 ESA Linnaean Games 1. 1st Place - University of California

2. 2nd Place - Texas A&M Graduates

ii. Received a lot of support and advocating for the Linnaean Games and it showed with a well- attended set of games.

c. Student Reception i. The student reception was held at the Steamworks Brew Pub.

ii. Well attended event for students and recent graduates.

iii. Improvements made from the previous year's student reception were implemented and well received

iv. We will continue to implement improvements as they are suggested to maintain the integrity and purpose of the student reception

d. Student Debates i. Debate Topics: 1. Topic 1: What is the most harmful invasive insect species in the world? (This could be economically harmful, but quality of life can also play a factor in this debate)

2. Topic 2: How can scientists diffuse the stigma or scare factor surrounding issues that become controversial such as genetically modified organisms, agricultural biotechnological developments or pesticide chemicals?

3. Topic 3: What new/emerging technologies have the potential to revolutionize entomology (other than CRISPR)? a. Winner of Topic 1 - Washington State University

b. Winner of Topic 2 - Louisiana State University

c. Winner of Topic 3 - University of Illinois

d. Overall Runner Up - The Ohio State University

e. Overall Winner - Washington State University

ii. Attendance – Beginning = 48, Middle = 59, End = 53

iii. SAC would like to improve turnout and we are currently looking into some options to motivate attendance, such as a gift card drawing. The debate teams put in a lot of work and we would like to support them with our attendance.

iv. SAC is trying to get incentives for judges due to the long commitment (3 hours) and we want to make sure we have judges that are willing to stay for this engagement.

e. Student symposium i. This year's topic was in the MUVE Section Symposium titled "Entomology without Borders: Tackling Insecticide Resistance through Science, Extension, and Collaboration". The topic delved into a serious issue that does not abide by political boundaries and dovetailed neatly with the overarching theme of the 2018 Joint Annual Meeting, "Crossing Borders: Entomology in a Changing World".

ii. 11 speakers

iii. Attendance – Beginning = 40, Middle = 77, End = 26

f. Update on Charges i. SAC will encourage students to apply for ESA awards by: 1. Posting testimonials from winners of awards to provide a personable way to tell the story of past award winners

2. Assure applicants that self-nominations are acceptable

3. Encourage individuals to reapply even if they did not receive the award

4. Encourage PIs and department heads to suggest or nominate students for the awards

2. 2019 ESA Annual Meeting in St. Louis, MO a. Planning i. ESA SAC held their first phone conference meeting in January and planning for the 2019 Annual Meeting in St. Louis, MO is well underway.

b. Student Symposium i. The title for this year's student symposium is "Advocacy in Action: Tackling Invasive Species through Collaboration, Policy, and Public Engagement"

ii. Our symposium will explore different ways in which entomologists are conducting research on policy and advocacy of invasive species and contributing solutions with innovative advocacy approaches to mitigate their impacts.

iii. 23 invited speakers, waiting on responses 1. Speaker list includes: established professionals, Postdocs and graduate students

c. Student Debates i. Debate topics are being chosen

d. Student Reception i. Venue Selection for the student reception is in the process of being selected

e. Blog/ Article Writing for Student Membership i. Formed a new subcommittee

ii. Suggestions from last year are being implemented into blog posts for this year

f. 'Know Before You Go Webinar' i. Subcommittee has been formed

ii. Waiting closer to the conference time to compile the information for the webinar

Education Committee, Eric Riddick

As chair of the SEB Education Committee, I am pleased to report that the MS Bug Blues (MBB) group presented an excellent educational workshop on Monday, 4 March 2019, at the Renaissance Mobile Riverview Plaza Hotel, to students and non-students during the SEB-ESA Conference in Mobile, Alabama. The MBB was established in 2012 as an educational outreach program of the Mississippi Entomological Museum, located on the campus of Mississippi State University. The MBB group displayed and discussed issues related to invasive species awareness, insect conservation, and insect biodiversity. The MBB workshop featured displays of live insects, showcases of pinned insects, and presentations by entertaining MBB group members, including JoVonn Hill, Jason Sanders, and Jennifer Seltzer. The turnout was good and many of those visiting the workshop were impressed with the diverse and creative displays.

The members of the SEB Education Committee (Eric Riddick, John Guyton, and Michelle Foo) would like to thank Oscar Liburd (SEB President) and David Held (Location Coordinator) for their help in planning this event. We also thank the ESA National Office for contributing funds to SEB to assist the MBB group with expenses involved in transporting insects and insect displays from Mississippi State to Mobile.

Resolutions – Courtney Jackson Spinks

Courtney Jackson read the Resolutions.

RESOLUTIONS OF THE 92nd ANNUAL MEETING OF THE SOUTHEASTERN BRANCH OF THE ENTOMOLOGICAL SOCIETY OF AMERICA

Whereas we have been saddened by the passing of the following members of this Branch during the past year:

Therefore,

(Resolution #1)

Be it resolved, that we stand for a moment of silence in memory of **Marvin Wall** of the Arkansas County Extension Service; **Dr. Theodore "Ted" Roscoe Pfrimmer** with the USDA in Stoneville, MS; **Dr. Gary R. Buckingham** with USDA-ARS in Gainesville, FL; **Dr. Herbert Womack** extension entomologist and faculty member at University of Georgia; **Lee James Reynolds** of the US Forest Service and an adjunct professor at UNCA; and **Dr. William Carl Nettles, Jr.** with the USDA, that the Branch President send letters of condolence to their families.

Whereas the success of the 92nd Annual Meeting of the Southeastern Branch of the Entomological Society of America at Orlando, FL is due to the efforts of officers and committees and other members of the Branch:

Therefore,

(Resolution #2)

Be it resolved, that the members of the Branch express gratitude to the Branch President, **Stephen Lapointe**; President-Elect, **Oscar Liburd**; Past-President **David**

Riley; Secretary-Treasurer, **Juang-Horng “JC” Chong**; Governing Board Representative, **Tim Schowalter**, and Members-at-Large, **Alton “Stormy” Sparks (2018)**, and **Emma Weeks (2019)**, **Jason Oliver (2020)** and **David Jenkins (2017)** for their leadership in and management of the affairs of the Branch during the year; and

(Resolution #3)

Be it resolved, that the members of the Branch recognize the excellent and important efforts of the **Program Committee**, chaired by **Jawwad Qureshi (FL)** with the following members **Justin George (FL)**, **Rebecca Schmidt-Jeffris (SC)**, **Torrence Gill (FL)**, **Rodrigo Diaz (LA)** and *Ex officio* member **Ash Sial (GA)** for developing an excellent, appropriate, timely and informative program; and

(Resolution #4)

Be it resolved, that the members of the Branch recognize the efforts of the Local Arrangements Committee of the Orlando, FL Meeting 2018, chaired by **Rob Meagher (Government)**, with the following members **Nancy Epsky (Government)**, **Muhammad Hasseb (University)**, **Phil Stansly (University)**, **Alejandro Calixto (Industry)**, **Cory Penca (Student)**, **Jerry Hogsette (FL; Ex Officio)**, **JC Chong (Ex Officio)**, and **Amanda Hodges (Sec-Treas; Ex Officio)** for arrangements prior to and during this meeting; and

(Resolution #5)

Be it resolved, that the members of the Branch recognize the efforts of the Program and Local Arrangements Committees for organizing and loading electronic presentations on laptop computers for meeting sessions; and

(Resolution #6)

Be it resolved, that the members of the Branch recognize the efforts of ESA Central staff, and **Becky Anthony** for their contributions to the automation of the SEB-ESA website, posting of meeting information, running the branch elections and meeting registration; and **Amy Coli** with Confex for handling submission of presentation titles, formatting the online program and providing presenter and scientific indices for the program booklet; and

(Resolution #7)

Be it resolved, that Secretary-Treasurer, **Juang-Horng “JC” Chong**, on behalf of the members of the Branch, be instructed to express written appreciation to the management and staff of the Double Tree by Hilton at SeaWorld Orlando, for their cooperation, services and hospitality, which contributed to the completion of a successful and outstanding 92nd Annual Meeting; and

(Resolution #8)

Be it resolved, that the members of the Branch recognize and express our appreciation for the financial contributions our Gold Sponsors **AMVAC, BASF, Bayer, DOW Agrosiences, and DuPont**, our Silver Sponsors **Nichino America**, and our Bronze Sponsors **Gowan** and **Stat-Ease** for providing support for the mixers/receptions,

Monday breakfast, Tuesday awards luncheon, break refreshments and student presentation awards at this meeting.

Whereas, the members of the Southeastern Branch of the Entomological Society of America are very proud of the accomplishments of their fellow members who were nominated by the Branch or their departments for national awards by the parent society, therefore,

(Resolution #9)

The following members are congratulated for their respective 2018 Branch awards:

Vivek Kumar, University of Florida, Southeastern Branch Early Career Award
Jeffrey A. Davis, Louisiana State University, Southeastern Branch Award for Excellence in Integrated Pest Management
Stephen L. Lapointe, USDA, ARS, Ft. Pierce, FL, Southeastern Branch Recognition Award in Entomology
Dennis Ring, Louisiana State University, Southeastern Branch Distinguished Service Award to the Certification Program
Wayne B. Hunter, USDA, ARS, Ft. Pierce, FL, Southeastern Branch Recognition Award in Insect Physiology, Biochemistry, and Toxicology.

Whereas, the members of the Southeastern Branch of the Entomological Society of America are very proud of the accomplishments of their student members, therefore,

(Resolution #10)

Be it resolved that the members of the Branch commend the following student members for their respective 2018 ESA awards:

Ashley Mortensen, University of Florida, John Henry Comstock Award
James Villegas, Louisiana State University, Kirby L. Hays Memorial Award

and that the members of the Branch commend the following Student Members for their respective 2018 SEB-ESA Awards:

BS Student Oral Presentation Session I
1st place winner, **William Koval (Emory University)**

BS Student Poster Presentation Session I
1st place winner, **Rachel Watson (University of Florida)**

Extension, Outreach, Teaching Student Oral Presentation Competition
1st place winner, **Casey Parker (University of Florida)**
2nd place winner, **Cory Penca (University of Florida)**

MS Student Oral Presentation Session I
1st place winner, **Cody Seals (University of Tennessee)**

2nd place winner, **Joseph Black (University of Arkansas)**

MS Student Oral Presentation Session II

1st place winner, **Amy Michael (University of Tennessee)**

2nd place winner, **Mary-Kate Williams (University of Arkansas)**

MS Student Oral Presentation Session III

1st place winner, **Morgan Pinkerton (University of Florida)**

2nd place winner, **Layton McCullars (University of Arkansas)**

MS Student Oral Presentation Session IV

1st place winner, **Selina Bruckner (Auburn University)**

2nd place winner, **Elanor Moen (Mississippi State University)**

MS Student Poster Presentation Session I

1st place winner, **Edward Traczyk (University of Florida)**

2nd place winner, **Daniel Stanaland (Florida A&M University)**

MS Student Poster Presentation Session II

1st place winner, **Sara Kennedy (Louisiana State University)**

2nd place winner, **Leo Ohyama (University of Central Florida)**

PhD Student Oral Presentation Session I

1st place winner, **Cameron Jack (University of Florida)**

2nd place winner, **Thomas Bilbo (Clemson University)**

PhD Student Oral Presentation Session II

1st place winner, **Aaron Cato (University of Arkansas)**

2nd place winner, **James Villegas (Louisiana State University)**

PhD Student Oral Presentation Session III

1st place winner, **Hillary Fischer (University of Arkansas)**

2nd place winner, **Whitney Crow (Mississippi State University)**

PhD Student Oral Presentation Session IV

1st place winner, **Ranastri Pothula (University of Tennessee)**

2nd place winner, **Miles Zhang (University of Central Florida)**

PhD Student Poster Presentation Session I

1st place winner, **Nataraja Maheshala (North Carolina State University)**

2nd place winner, **Damon D'Ambrosio (North Carolina State University)**

PhD Student Poster Presentation Session II

1st place winner, **Megan Mulcahy (Louisiana State University)**

2nd place winner, **Zhou Chen (Auburn University)**

Whereas, the Linnaean Games have been enjoyable for both the participants and the audience and the preparation and good sportsmanship exhibited by the Linnaean Games Teams, therefore,

(Resolution # 11)

Be it resolved, that the members of the Branch express their appreciation to the participating teams from **Auburn University, University of Arkansas, Clemson University, University of Florida, University of Georgia, Louisiana State University, North Carolina State University, and University of Tennessee** and their coaches. Congratulations also are expressed to the teams from **University of Florida and Louisiana State University**, who represented the Branch in the National Linnaean Game competitions in the 2017 ESA meeting in Denver, CO and **University of Florida and University of Georgia** who will represent the Branch at the 2018 ESA meeting in Vancouver, BC.

Whereas, the members of the Southeastern Branch of the Entomological Society of America are grateful for the superior service, leadership and representation of the Branch by Tim Schowalter on the ESA Governing Board, therefore,

(Resolution #12)

Be it resolved, that the members of the Branch express their appreciation to Tim Schowalter for his dedicated service as Governing Board Representative.

David Riley moved to accept the Resolutions with corrections made during the reading. Motion was seconded by Oscar Liburd. The Resolutions was approved unanimously by voice vote.

Meeting location and time: 2020 - Brett Blaauw

Introduced the meeting location in Atlanta, GA.

Brett Blaauw: The meeting will be joint with the Eastern Branch at the Sheraton in Atlanta, GA. The meeting is convenience to the Atlanta airport and will be able to accommodate the larger venue of a joint meeting.

Meeting location and time: 2021 -San Juan, Puerto Rico

Jose Carolos Verle Rodriguez: A joint meeting between the SEB-ESA and the American Phytopathological Society, Caribbean Division will occur during 2021 in San Juan, Puerto Rico. Some concern was expressed about the cost of the meeting. The last meeting that occurred in Puerto Rico was one of our most successful meetings from a financial standpoint.

Selection of meeting site for three years out (2022)

The 2022 meeting will be in Arkansas

Nomination of National ESA Offices

Tim Schowalter has been nominated for Vice President Elect of ESA.

Karla Adesso was nominated with the approval of the Executive Committee to fill the remaining term for Tim Schowalter's position as Governing Board Representative.

SEB Representative to the Governing Board Report February 26th, 2019

Dr. Karla Adesso, SEB Representative, 2018-2019

Dr. Tim Schowalter, SEB Representative, 2016-2018

2018 Annual Meeting Program

- 3,804 registered attendees
- 6 program symposia
- 40 section symposia
- 58 member symposia
- 19 organized meetings
- 6 workshops
- 13 lunch and learns
- 330 posters, 29 virtual posters, 550 10-min papers
- 170 student posters, 530 student 10-min papers and 33 student virtual posters

Governing Board & Executive Council*

- President, [Dr. Robert K. D. Peterson](#) *
- Vice President, [Dr. Alvin M. Simmons](#) *
- Vice President-Elect, [Dr. Timothy D. Schowalter](#) *
- Past President, [Dr. Michael P. Parrella](#) *
- Treasurer, [Ms. Michelle S. Smith, BCE](#) *
- Executive Director, [C. David Gammel, FASAE, CAE](#) *
- MUVE Section Representative, [Dr. Chris Geden](#) *
- SysEB Section Representative, [Dr. Jessica L. Ware](#) *
- PBT Section Representative, [Dr. Marianne Alleyne](#)
- P-IE Section Representative, [Dr. Melissa Willrich Siebert](#)
- Eastern Branch Representative, [Dr. Tracy Leskey](#)
- International Branch Representative, [Dr. Julien Saguez](#)
- North Central Branch Representative, [Dr. Gary Brewer](#)
- Pacific Branch Representative, [Dr. Douglas B. Walsh](#)
- Southeastern Branch Representative, [Dr. Karla Adesso](#)
- Southwestern Branch Representative, [Dr. Jesus Esquivel](#)
- Student Representative, [Ms. Lina Bernaola](#)

The ESA Governing Board meets twice each year, in June to preview the annual meeting site, and in November, during the annual meeting. In addition, the Governing Board visits by conference call in September and April to discuss issues. During the past year, the Governing Board approved the following actions.

ESA Bylaws and Policies

- Approved proposed Bylaws changes and the development of a Society Policy Manual for greater flexibility. Bylaws changes still require full membership votes to change. Society Policies require a majority vote by the governing board.

- Approved transition process for replacement of Executive Director position when need arises.
- Privacy Statement for the Entomological Society of America (Effective Date: January 22, 2019)
- Voted to unify ESA policy on harassment and scientific misconduct and tasked the Committee on Ethics and Rules with developing appropriate policy language to this effect

ESA Budget

- Annual meeting registration, exhibits, and investments above budget, offsetting reduced OUP royalty and career center/website revenues. Positive net income for 2017.
- Deficit budget for 2018 due to conservative OUP royalties. Implementing cost-saving measures.
- Strategic reserves remain strong enough to provide interest income to offset short term deficits. Motion to use up to 3% of annual interest income to close budget deficits approved.
- Approved ESA participation and funding for the 2018 March for Science
- Approved 2018 budget
- Approved compensation package for ESA staff

ESA Journal Income

- Long term trends in publishing will continue to pressure the revenue that ESA earns from its portfolio of journals
- We continued to see a shortfall in OUP payments due to a drop in subscriptions and shortfall in open access projections
- OUP has significantly increased international institutional subscriptions to ESA journals, such that realized payments are substantially higher than the guaranteed contract rate and should approach the projected payment after a short delay.
- Current situation would result in a \$400,000 shortfall in 2024 when the OUP guaranteed payment ends. What actions should we take to buffer budget from this shortfall?
- Established Publications Task Force to consider changes in journal management and financing. Plans are needed for new strategies to adapt to these developments. Fortunately, we have some time to explore options and make necessary adjustments.

Financial Projection Models for ESA Journals

- Reinstate page charges at rates varying from \$30 to \$90 per page (net benefit)
- Move papers from print journals to open access journals (little change to net cost).
- The best return to ESA, covering about \$200,000 of projected shortfall, would come from reinstating page charges at \$90 per page.
- Will do listening sessions to see how members view options for dealing with revenue shortfall.

ESA Journal Authors Survey Results

- Peer review is a critical element (bad experiences with an editor can discourage submissions for years).
- ESA has a reputation for slow peer review and publication (but this has improved significantly in recent years).
- Impact factor is a key decision factor for submission (ESA journals all are in top 15 for ESA authors, including #2 and #3, but PLoS ONE is top journal by 2-fold and the biggest competitor for ESA authors).

ESA Journal Approved Recommendations

- Position *Annals* to be top ESA journal by limiting acceptance, transferring general interest papers to *Annals*, transferring more focused papers to other journals.
- Institute EIC search process, term limits and evaluation.
- Task EICs with revising scope for each journal to give authors clearer direction.
- Establish Editorial Board for each journal to maintain consistency and track metrics.
- Complete peer review within 35 days.
- Improve support and recognition for peer reviewers.

Journal Editors

- Approved Frank Zalom and Eric Rebeck as EICs for *Journal of Economic Entomology* and *Journal of Integrated Pest Management*, respectively
- Re-appointment of Dr. William K. Reisen to a second term as editor-in-chief of the *Journal of Medical Entomology*
- Extension of Jim Whitfield and Sydney Cameron's terms as co-editors-in- chief of *Insect Systematics and Diversity* by two years, to 2021.

Publications Council

- Clarify duties of Publication Council.
- Motion: Move to add one elected representative from each Section to the new Publications Council. Motion carries.

Entomological Foundation

- Tim Schowalter appointed to the Entomological Foundation Board of Directors for a term of 3 years
- On the advice of its auditors, the Board of Directors for the Entomological Foundation voted in November to investigate the dissolution of the Foundation and the movement of all viable programs to the ESA Education and Outreach Committee (EOC).

ESA Certification Corporation

- Approved Certification Corp report and budget.
- Fueled by the CDC contract to train more Medical-Veterinary entomologists, the BCE program is expected to slightly surpass annual goals
- ACE program is expected to fall slightly below goals, though still realize overall growth of more than 6%

Science Policy

- Supported the 2017 March for Science and approved participation and funding for 2018 March
- Approved a fourth class of Science Policy Fellows. There is a need to encourage diversity of nominees.
- Approved science policy statements on arthropod biodiversity and fact sheet on Bt food safety
- Position statement on Global Climate Change approved (January 25, 2019).
- Statement in progress: Importance of genetic research; tick-borne diseases; pollinator health (updates)
- Lewis Burke and our Science Policy Fellows are promoting ESA interests in Washington.
- Lewis-Burke Associates is using our science policy statements to advise legislators and agencies.
- At ESA 2018 Erin Cadwalader and Ben Kallen, representatives of Lewis Burke Associates, discussed the outlook in Washington for the next year given recent election results and administration policy Cuts to science funding by federal agencies likely to continue.
- A motion to reappoint Allan Felsot to continue as the Society's EPA Liaison was made and carried.
- Farm Bill includes language taken directly from ESA, an unprecedented achievement for ESA

Diversity and Inclusion

- Motion Approved: Approve and implement the draft Professional Conduct Disclosure form for nominees for all ESA honors, awards, and governance positions for 2019 or as soon as allowed by current planning cycles.
- Requested data for discussion related to a request from the Early Career Professionals Committee to pursue a bylaws change to add an early-career representative to the Governing Board.
- Discussed a zero tolerance policy for professional misconduct, including sexual harassment, wherever it occurs.
- Exploring legal protocols for investigation, response to complaints and penalties.
- Everyone deserves a safe workplace and safe meetings.
- Also discussed statements from SysEB Section, the Student Affairs Committee, and the Early Career Professionals Committee in response to racist statements in the "Scarabs" newsletter
- Established a task force to explore renaming the Linnaean Games, given concerns about honoring Linnaeus would, by extension, honor his racist views. Feedback from members was collected. Draft recommendations to retain the name are open for comment until April 25th. *"The Games do not celebrate Linnaeus's views, but acknowledge his role in science. Rather than dropping the name and risk forgetting the issue, this is an opportunity to teach about racism in science and how it inhibits progress. The task force suggests that emphasizing the Games' traditions and history*

should be accompanied by highlighting the contributions of historically underrepresented scientists and bringing attention to the effects of historical racism in science. As the Games move forward, the task force also recommends using the Games to heighten community-building and inclusion among all students, particularly students from historically underrepresented groups."

Future Annual Meetings

- Negotiating Phoenix, Arizona, to host the 2024 Annual Meeting

Additional Notes

- ESA encourages members at all levels, especially administrators, to nominate deserving candidates for ESA awards. See new matrix under awards to simplify award eligibility and nomination procedures.
- ESA encourages branches and sections to submit Program Enhancement Fund proposals for support of initiatives that will promote ESA goals of increased membership, inclusiveness, participation and benefits for members.
- Discussed a proposal from Experiment.com for a pilot project to test crowd-sourcing funding for research related to the Grand Challenge Summit on Invasive Species

Lina Bernaola was elected as the Student Representative on the ESA governing Board.

Report of the Nominating Committee – John Adamczyk

The SEB-ESA 2018-2019 Nominating Committee consisted of the following individuals:

John Adamczyk, Chair
State Jim Walgenbach
State Joseph Shimat
Gov. Stephen D. Hight
Industry, Brett Highland
Industry, Scott Croxton

Through ESA-Central, the Nominating Committee received nominations for both President-Elect and Member-at-Large (see below). All nominations were submitted online through the ESA-Central's website (<https://www.entsoc.org/branch-nomination-form>). The Committee would like to thank Becky Anthony for her efforts to send out numerous email reminders to the SEB membership on when and how to vote as well as helping the Nominating Committee stream-line the election process and highlighting the candidate's credentials including photos and bios which was linked on the SEB homepage (<https://www.entsoc.org/southeastern/elections>). Because of the lengthy Government Shutdown whereby the majority federal employees (e.g. USDA and EPA SEB-ESA members) had no access to work emails, the election was extended until Feb. 8th, 2019

The following candidates were:

President-Elect:

- John Adamczyk
- Rodrigo Diaz

Member-at-Large:

- Eric Blinka
- JC Chong
- Janine Spies

The SEB-ESA 2019-2020 Nominating Committee will consist of the following individuals:

Scott Croxton, Chair
 State Jim Walgenbach
 State Joseph Shimat
 Gov. Stephen D. Hight
 Gov. Katherine Payrs
 Industry, Brett Highland

Mike Williams-Linnaean

The main task of the Linnaean Games enhancement committee is to vet the questions and prepare the games.

Members: Jerome Grant, Frank Hale, David Jenkins, and Michael Williams

The committee also worked with Shin and Smith in order to answer questions on rules and other information. Each completing school was invited to submit 27 questions from the 9 categories. Submitted questions from school and question bank, as well as new questions are used to set up the games.

9 teams in the competition.

8 sets of questions.

Committee members will sit in the games and then make recommendations. Committee will also meet with representatives of the SEB in order to assure that a uniform and timely process be submitted.

5 preliminary this afternoon.

3 final games on Monday.

Recognition of 2019 Local Arrangement and Program Chairs

Oscar Liburd recognized the contributions made by the Local Arrangement Committee Chair, David Held, and the Program Committee Chair, Ayanava Majumbdar. He presented plaques recognizing their contributions.

Recognition of the new SEB President

Yasmin Cardoza was escorted to the podium by past-presidents.

Yasmin Cardoza thanked Oscar Liburd for his contribution as the SEB President and his guidance to Cardoza. Cardoza presented Liburd with a plaque.

Introduction of New Committee ChairsApproval of 2019-2020 committee chairs

Yasmin Cardoza presented the 2019-2020 committee chairs and members.
The motion to accept the committee chairs was approved.

Respectfully submitted,
Amanda C. Hodges
Secretary-Treasurer, SEB-ESA