2021 ESA – Southwestern Branch Final Business Meeting

June 29, 2021

Wyatt Hoback, President
2021 SWB Virtual Meeting Update

• 2021 Meeting
  • 25 student competition oral presentations; 11 student competition posters
  • 6 regular oral presentations; 2 regular posters
  • 0 symposia

• Joint meeting with the North Central Branch postponed to 2023 – Skirvin Hotel, Oklahoma City
Special Thank You to...

Program Committee Chair
  • Sonja Swiger, Texas A&M AgriLife

Student Competition Chair
  • Joni Blount, Bayer U.S. – Crop Science
Special Thank You to...

ESA Staff
Becky Anthony & Rosina Romano
Sponsors

• Platinum level ($1000)

• Gold level ($500)

• Silver level ($300)

• Bronze ($150)
A Special Thank You to....

• **SWB 2021 Executive Committee**
  • Wizzie Brown – Vice President
  • Bob Davis – Treasurer
  • Scott Ludwig – Secretary
  • Juliana Rangel – Secretary Elect
  • Molly Keck – Past President
  • Jesus Esquivel – Governing Board Representative
  • Katherine Arnold – Student Affairs Committee
Secretary’s Report
Committee Reports
Scott Ludwig, Secretary
In Memoriam Report

- Dr. Perry Adkisson of College Station, Texas died on June 25, 2020, at the age of 91.
- Dr. Billy H. Daughdrill of Pensacola, Florida, died on June 11, 2020 at the age of 92.
- Mr. George T. “Ted” Davis of Farmers Branch, Texas, died on May 11, 2020 at the age of 94.
- Dr. Shoil “Shasha” Greenberg of Carmel, Indiana, died on July 30, 2020 at the age of 82.
- Mr. Paul Gould of Webbers Falls, Oklahoma, died on July 10, 2020, at the age of 62.
- Mr. Patrick E. Resley of San Diego, California, died on January 19, 2020 at the age of 83.
- Dr. Dennis R. Ring of Bastrop, Texas died on May 4, 2020 at the age of 67.
- Dr. Joseph C. Schaffner of Bryan, Texas died on January 9, 2020 at the age of 89.
- Mr. James W. “Bill” Summerlin of Bryan, Texas died on January 8, 2020 at the age of 89.
- Dr. John G. Thomas of Bryan, Texas, died on August 5, 2020 at the age of 83.
- Mr. James “Knox” Walker, Jr. of Bryan, Texas, died on May 2, 2020 at the age of 92.

Please join me in a moment of silence and respect for our fallen colleagues.
Treasurer’s Report

2021 ESA-SWB Virtual Meeting
Respectfully submitted: 6/29/2021
Dr. Bob Davis BCE, BASF Professional & Specialty Solutions
Office of SWB Treasurer

1. SWB Treasurer is a voting member of the SWB Executive Committee

2. SWB Treasurer: 3 year term, not included in the traveling track to the presidency
   - Next Treasurer to be elected for office to support 2023-2025 SWB meetings (Treasurer-elect, next election cycle)

3. Below from revised version of the SWB Constitution
   - It shall be the duty of the Treasurer to make the necessary financial arrangements, as directed by the President, for the Annual Meeting of the Branch. The Treasurer shall collect all monies due; pay all bills incurred by the Branch and perform such duties as may be assigned. The Treasurer’s account shall be audited bi-annually by the Audit Committee. In the absence of the Treasurer, the Treasurer-Elect shall assume the duties of the Treasurer.

From ESA HQ documents
- Treasurer (with assistance from the President) – Develop the Branch budget annually.
- Treasurer – Pay all Branch expenses approved in the annual budget.
- Treasurer – Maintain accurate and detailed records of Branch finances.
- Treasurer – Review and sign new Branch meeting contracts.

SWB Treasurer liaisons with ESA HQ Treasurer and supplies branch financial statements for tax purposes.
Financial Health of the SWB

• Checking account:
  • 1/28/2014: $18,054.06
  • 1/28/2015: $14,732.77
  • 1/28/2016: $22,598.07
  • 1/28/2017: $21,196.68
  • 1/27/2018: $17,360.96
  • 1/27/2019: $17,157.92
  • 1/28/2020: $27,451.77
  • 1/28/2021: $28,550.97
Financial Health of the SWB

- Savings account (0.03%):
  - 1/28/2014: $13,100.12
  - 1/28/2015: $13,104.05
  - 1/28/2017: $13,111.44
  - 1/27/2018: $13,115.37
  - 1/27/2019: $13,119.31
  - 1/28/2020: $13,123.24
  - 1/28/2021: $18,543.02*

*2020 EOY includes 11/2020 deposit of $5,418.13 “Meeting Insurance Payout”
Financial Health of the SWB

• Totals:
  • 1/28/2014: $31,154.18
  • 1/28/2015: $27,836.82
  • 1/28/2016: $35,706.06
  • 1/28/2017: $34,308.12
  • 1/28/2018: $30,476.33
  • 1/28/2019: $30,277.23
  • 1/28/2020: $40,575.01
  • 1/28/2021: $47,093.99
# 2020-2021 SWB Treasurers Report

## Treasurer's Report for 2021

Submitted by Bob Davis

Through May 26, 2021

Audit Committee = Scott Armstrong, Bruce Noden & Micky Eubanks

### Checking Account Ending in 2858

| Balance on 9/26/2020 (last GB report) | $28,550.97 |

<table>
<thead>
<tr>
<th>Expenses</th>
<th>Check #</th>
<th>Expected</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Expenses</td>
<td>$0.00</td>
<td>$0.00</td>
<td></td>
</tr>
</tbody>
</table>

N=1: $29,400.97

Wells Fargo Checking Account
### 2020-2021 SWB Treasurers Report

#### Wells Fargo Savings Account

<table>
<thead>
<tr>
<th>Description</th>
<th>Net/Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance on 9/26/2020 (last GE report)</td>
<td>$13,124.47</td>
</tr>
<tr>
<td>Deposit from ESA HQ (Insurance Payment - Cancelled meeting)</td>
<td>$5,418.13</td>
</tr>
<tr>
<td>Interest income (from 10/1/2020 - 5/26/2021)</td>
<td>$1.03</td>
</tr>
<tr>
<td><strong>Total Available</strong></td>
<td><strong>$18,543.63</strong></td>
</tr>
</tbody>
</table>

#### Total Cash

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checking account on 5/26/2021</td>
<td>$29,400.97</td>
</tr>
<tr>
<td>Savings Account on 5/26/2021</td>
<td>$18,543.63</td>
</tr>
<tr>
<td><strong>SWB Resources Available</strong></td>
<td><strong>$47,944.60</strong></td>
</tr>
</tbody>
</table>
2020-2021 SWB Treasurers' Report

Expected Income June 2021

<table>
<thead>
<tr>
<th>Details</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASF Sponsor check</td>
<td>$300.00</td>
</tr>
<tr>
<td>AAMVAC Sponsor check</td>
<td>$500.00</td>
</tr>
<tr>
<td>ABC Home &amp; Commercial Services Sponsor check</td>
<td>$500.00</td>
</tr>
<tr>
<td>BWI Sponsor check</td>
<td>$250.00</td>
</tr>
<tr>
<td>Corteva Sponsor check</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>ESA Program Enhancement Funds</td>
<td>$1,998.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$6,548.00</strong></td>
</tr>
</tbody>
</table>

Expected total post income: **$54,492.60**
Financial Health of the SWB

- Meeting locales (difference from meeting prior)
- 2013: Las Cruces, NM – (ref = $16,624.86)
- 2014: San Antonio, TX – 14,023.27 (-$2601.59)
- 2015: Tulsa, OK – ($6434.80)
- 2016: Tyler, TX – ($2738.61)
- 2017: Austin, TX – ($4835.72)
- 2018: Albuquerque, NM – ($1203.04)
- 2019: Tulsa, OK – ($9293.85)
- 2020: Virtual – ($1099.92)+($5418.13 insurance)
- 2021: Virtual – Estimate: ($4990.50)
Summary

• Exec Committee & ESA-HQ revise the SWB Constitution and SOP’s to reflect Treasurer, Treasurer-elect & Secretary positions
• ESA-SWB is financially healthy
• Finalize finances for 2021 virtual meeting
• Prepare materials for audit committee review after SWB 2021 meeting
• Prepare financial materials for SWB Presidents’ GB report for fall 2021
• Prepare for 2022 meeting in Fort Worth!
On June 2, 2021, Dr. Bob Davis, the treasurer for the SW Branch sent all banking records to include checking, savings, invoices, and receipts from donations for the Southwestern Branch Entomological Society of America to the audit committee for review. The records covered the period from Sept 25, 2020 to June 6, 2021. Bob is to be commended for sending such detailed records. All records were inspected by the audit committee and found to be in order. At the time of this audit of June 6 2021, the SW Branch had $29,400.97 in the checking account, and $18,543.63 in the savings account. Our SW Branch Society has been in good standing financially and is up-to-date through June, 2021.

Respectfully submitted from the audit committee:
- J. Scott Armstrong
- Micky Eubanks
- Bruce Noden
Motion to Accept Reports?
Entomology Games – 2021

• Four teams Competed in the Entomology Games yesterday.
  • Oklahoma State Team #1
  • Oklahoma State Team #2
  • Texas A&M Team #1
  • Texas A&M Team #2
• Format was four rounds with 10 question each round
• One point awarded for each correct answer
Entomology Games – 2021

First Place: Texas A&M University Team #1

Team Captain Joanie King
Team Member Fabian List
Team Member Jaclyn Martin
Team Member Amy Dickerson
Entomology Games – 2021

**Second Place:** Oklahoma State University Team #1

- Team Captain: Melissa Reed
- Team Member: Alex Harman
- Team Member: Justin Turner
- Team Member: Carrie Pratt
- Team Alternate: Brandon Lyons
Awards Committee
Student Awards

• Undergraduate Student Achievement Award in Entomology
• Winner: Laura Marmolejo
• Texas A&M University
Student Awards

• Percival Scientific Undergraduate Entomology Student Activity Award
• Winner: Mary Beth Buchman
• Texas A&M University
Student Awards

• SWB Henry Comstock Graduate Student Award
• Winner: Caixing Xiong
• Texas A&M University
Early Career Professional Award

• Southwestern Branch Excellence in Early Career Award
• Winner: Dr. Santos Portugal
• ABC Home & Commercial Services
Professional Awards

• ESA Distinguished Achievement Award in Teaching
• Winner: Dr. Hojun Song
• Texas A&M University
Professional Awards

• Award for Excellence in Extension
• Winner: Dr. David Kerns
  • Texas A&M University
Professional Awards

• Award for Excellence in Integrated Pest Management
• Winner: Dr. Megha Parajulee
• Texas A&M University
Student Paper and Poster Winners
Undergraduate Poster Session
Third Place

Bees in the big city
Alyson Haynes
University of Texas at San Antonio
Undergraduate Poster Session
Second Place

Using community science to gauge the floral preferences of native and introduced bee species

Ainsley Koch
University of Texas at San Antonio
Physiological responses of sorghum to sugarcane aphid feeding

Juan Raya Vaca

University of Texas Rio Grande Valley
Plant resistance in a different light: LED lighting changes sorghum resistance to sugarcane aphids

Camille Carey

Oklahoma State University
Masters & Ph.D. Poster
Second Place

Characterization of microbial communities of phoretic mites associated with the American burying beetle (*Nicrophorus americanus*)

Carrie Pratt
Oklahoma State University
New state records for the poorly known *Melanoplus macclungi* and notes on its life history

Alexander Harman

Oklahoma State University
The attenuation of belowground indirect plant defenses following sustained herbivory by *Acalymma vittatum*

Emma Manuel
Texas A&M University
Risk of encounter, seasonal activity, and prevalence of *Ixodid* ticks at Arcadia Lake, Oklahoma, 2020-2021

Linda Wolff

University of Oklahoma
Herbivore-induced suppression of defenses in neighboring squash plants (*Cucurbita pepo*)

Laura Marmolejo

Texas A&M University
Masters Oral
Third Place

_Nicrophorus americanus_ and _Nicrophorus orbicollis_ (Coleoptera: Silphidae) overwintering survivability

Sandra Rigsby
Oklahoma State University
Anthocyanins negates fall army worm (*Spodoptera frugiperda*) damage in green and purple cabbage crop

Ishveen Kaur
University of Texas Rio Grande Valley
Olfactory cues from entomopathogenic nematodes vary across species with different foraging strategies, triggering different behavioral responses in prey and competitors.

John Grunseich
Texas A&M University
Determining the mechanism of honey bee (*Apis mellifera*) self-removal behavior as a potential social immune response

Jordan Twombly Ellis
Texas A&M University
A place for plastic: Inexpensive aquatic invertebrate sampling devices from soda bottles

Melissa Reed
Oklahoma State University
The root cause: Below ground herbivory repels above ground foraging herbivores

Morgan Thompson
Texas A&M University
Improving honey bee tolerance to *Nosema* infection by optimizing macronutrients within artificial diets

Alexandria Payne

Texas A&M University
Surveillance of co-occurring kdr mutations (V1016I, F1534C) in populations of *Aedes aegypti* (L.) exposed to Permanone® application in field cage tests from Harris County, Texas

Jonathan Hernandez
Texas A&M University
Bridgehead effect and multiple introductions shape the global invasion history of the termite *Coptotermes formosanus*

Alexander Blumenfeld
Texas A&M University
Thank you, Wyatt!
2022 Southwestern Branch Meeting IN PERSON!!

April 18-20, 2022
Radisson Hotel, Fossil Creek

- Complimentary shuttle
- On site restaurant & night club
Fort Worth Attractions

- Stockyards National Historic District
  - Take a historical walking tour through the Texas Trail of Fame, try your gun-slinging skills at the Stockyards Gunfighter virtual shooting range, or watch the cowboys drive their herd down Exchange Avenue.
Fort Worth Attractions

• Sundance Square
  • Balancing historic architecture and modern convenience, this 35-block district in downtown Fort Worth is a mecca for shopping, dining, and entertainment.
Fort Worth Attractions

- Fort Worth Zoo
  - This popular zoo features more than 7,000 animals, including orangutans, tigers, hippopotamuses, and rhinos. Head to the Outdoor Learning Theater for educational talks, and stop by the Texas Wild! Petting Corral for a chance to touch a snake.
Fort Worth Attractions

• Six Flags Over Texas
  • Add some thrills to your day with the heart-pumping roller coasters and water rides at Six Flags. The park also offers kids’ coasters, family-friendly entertainment, restaurants, and shopping opportunities.
Fort Worth Attractions

- Fort Worth Museum of Science and History
  - At this museum, you can explore the wonders of the universe at the planetarium, get close to a giant dinosaur skeleton, or see a film on topics such as real-life cowgirls at the IMAX theater.
Fort Worth Attractions

• Texas Cowboy Hall of Fame

• The museum is located in the Exhibits Building in the heart of the Fort Worth Stockyards National Historic District. The facility features many great exhibits, along with a Western Gift Store and the Jersey Lilly Old-Tyme Photo Parlor all under one roof.
Fort Worth Attractions

• National Cowgirl Museum
  • The world's only cowgirl museum honors the women who helped shape the West, from rodeo stars and sharpshooters to humanitarians and writers.
Fort Worth Attractions

- Billy Bob’s Texas
  - An iconic venue that plays host to plenty of different country and classic rock stars. This unique venue is a must-see and has a little bit of something for everyone.