



# Plant-Insect Ecosystems Section

## DECEMBER 2020 NEWSLETTER

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## Submit Proposals for 2022 Science Policy Events

The P-IE Governing Council needs your ideas and proposals for a special event or field tour in 2022. Our 2020 event was postponed until 2021 due to the pandemic. Please submit a brief proposal for a science policy event now. These can be collaborative events that promote learning and engagement in timely topics that challenge and promote the plant-insect ecosystem science arena. **The deadline for 2022 proposals is December 31, 2020.** The P-IE Tour Oversight Committee, composed of Johanna Elsensohn and Cheri Abraham, is excited to assist with event ideas and proposals. Contact Johanna (jeelsens@ncsu.edu) with questions and for feedback on event ideas. Science policy activity guidelines, and example budgets and stakeholder invitation letters are posted on the [P-IE Tour Resources](#) webpage. Start brainstorming now on ideas for novel and engaging science policy educational events for 2022. Submit your proposals to David Onstad (dwonstad@gmail.com).

## Science Policy Activity

The 2020 P-IE Science Policy Activity was postponed until 2021 due to the Covid-19 pandemic.

The postponed activity was selected on September 15, 2019. An event plan submitted by Dr. Lauren Diepenbrock (University of Florida) and Dr. Dave Coyle (Clemson University) was an "Invasive Species Tour", coordinated jointly with SysEB and focused on the following topics:

- *Invasive pest management in natural areas and wood products*
- *Invasive pest management and ongoing challenges in citrus and avocado*
- *Invasive species management in commercial citrus production*
- *Invasive fire ant control using non-chemical means*
- *Invasive species interception/detection and quarantine at an international airport*

A call for 2022 proposals was sent to members with a December 31, 2020 deadline.

# *Thank you to all of our student competition judges!*

We are so appreciative for everyone who stepped up to help make the first ever (only ever?) virtual Annual Meeting a success! We did not have moderators this year, but our Student Competition Judges were as vital as always in encouraging a healthy science-communication competition among our students.

<b>Karla</b>	<b>Addesso</b>	<b>Adam</b>	<b>Evans</b>	<b>Alan</b>	<b>Leslie</b>
<b>Subodh</b>	<b>Adhikari</b>	<b>Maya</b>	<b>Evenden</b>	<b>Andrew</b>	<b>Liebhold</b>
<b>Jen</b>	<b>Allen</b>	<b>Joyce</b>	<b>Fassbender</b>	<b>Dalton</b>	<b>Ludwick</b>
<b>Kaushalya</b>	<b>Amarasekare</b>	<b>Beth</b>	<b>Ferguson</b>	<b>Rizana</b>	<b>Mahroof</b>
<b>Harit</b>	<b>Bal</b>	<b>Kris</b>	<b>Godfrey</b>	<b>Lindsie</b>	<b>McCabe</b>
<b>Fulya</b>	<b>Baysal-Gurel</b>	<b>Scott</b>	<b>Graham</b>	<b>Priyanka</b>	<b>Mittapelly</b>
<b>Lina</b>	<b>Bernaola</b>	<b>Hannah</b>	<b>Gray</b>	<b>Debora</b>	<b>Montezano</b>
<b>James</b>	<b>Bing</b>	<b>Jessica</b>	<b>Hartshorn</b>	<b>Rob</b>	<b>Morrison</b>
<b>Rachel</b>	<b>Binning</b>	<b>Muhammad</b>	<b>Haseeb</b>	<b>Shaku</b>	<b>Nair</b>
<b>Eric</b>	<b>Blinka</b>	<b>Anjel</b>	<b>Helms</b>	<b>Esther</b>	<b>Ngumbi</b>
<b>Rachael</b>	<b>Bonoan</b>	<b>Sara</b>	<b>Hermann</b>	<b>Anne</b>	<b>Nielsen</b>
<b>Hannah</b>	<b>Burrack</b>	<b>Louis</b>	<b>Hesler</b>	<b>Erika</b>	<b>Niland</b>
<b>Laura</b>	<b>Campbell</b>	<b>Gabriela</b>	<b>Inveninato Carmona</b>	<b>Bridget</b>	<b>O'Neill</b>
<b>Luis</b>	<b>Canas</b>	<b>Stefan</b>	<b>Jaronski</b>	<b>Robert</b>	<b>Orpet</b>
<b>Laissa</b>	<b>Cavallini</b>	<b>Emily</b>	<b>Justus</b>	<b>Maria L.</b>	<b>Pappas</b>
<b>Priyadarshini</b>	<b>Chakrabarti Basu</b>	<b>Gail</b>	<b>Kampmeier</b>	<b>Joe</b>	<b>Patt</b>
<b>James</b>	<b>Crall</b>	<b>Katelyn</b>	<b>Kesheimer</b>	<b>Cory</b>	<b>Penca</b>
<b>Holly</b>	<b>Davis</b>	<b>Katherine</b>	<b>Kral-O'Brien</b>	<b>Hannah</b>	<b>Penn</b>
<b>Amanda</b>	<b>Dillon</b>	<b>Cindy</b>	<b>Kron</b>	<b>Clinton</b>	<b>Pilcher</b>
<b>Clare</b>	<b>Dittemore</b>	<b>Vivek</b>	<b>Kumar</b>	<b>Nicole</b>	<b>Quinn</b>
<b>Emily</b>	<b>Durkin</b>	<b>Tim</b>	<b>Lampasona</b>	<b>Karly</b>	<b>Regan</b>
<b>Sanford</b>	<b>Eigenbrode</b>	<b>Douglas</b>	<b>Landis</b>	<b>Alexandra</b>	<b>Revynti</b>
<b>Luis</b>	<b>Espino</b>	<b>Marion</b>	<b>Le Gall</b>	<b>Loren</b>	<b>Rivera</b>
<b>Anna</b>	<b>Wallingford</b>	<b>Nick</b>	<b>Storer</b>	<b>Monique</b>	<b>Rivera</b>
<b>Lauren</b>	<b>Weidner</b>	<b>Joshua</b>	<b>Temple</b>	<b>Silvia I</b>	<b>Rondon</b>
<b>Chris</b>	<b>Werle</b>	<b>Donglan</b>	<b>Tian</b>	<b>Jacquel- ine</b>	<b>Serrano</b>
<b>Houston</b>	<b>Wilson</b>	<b>Pablo</b>	<b>Urbaneja-Bernat</b>	<b>Tatsiana</b>	<b>Shymanovich</b>

# Welcome to our new P-IE Governing Council Officers!



**Surendra Dara,**  
Vice-President Elect



**Lina Bernaola,**  
Treasurer



**Michelle Boone,**  
Student Representative

# Congratulations to our P-IE award winners!

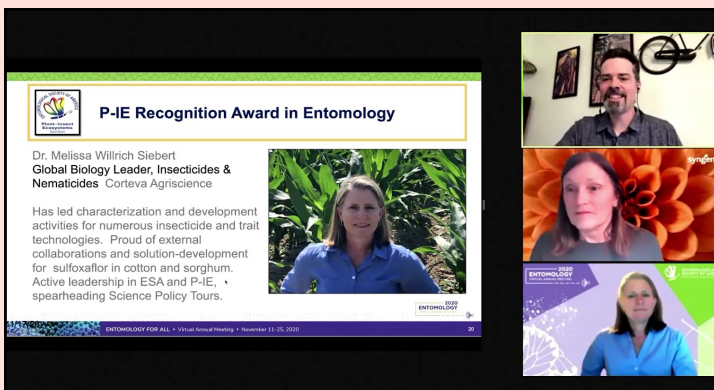
## Professional awards



(P-IE Lifetime Achievement Award in Entomology recipient Dr. Bruce Tabashnik pictured with 2020 P-IE President Dr. Jeff Bradshaw)



(Dr. Yves Carriere presenting the P-IE Lecture honoring P-IE Lifetime Achievement Award in Entomology recipient Dr. Bruce Tabashnik)



(P-IE Recognition Award in Entomology recipient Dr. Melissa Siebert, pictured with Dr. Caydee Savinelli, and 2020 P-IE President Dr. Jeff Bradshaw)

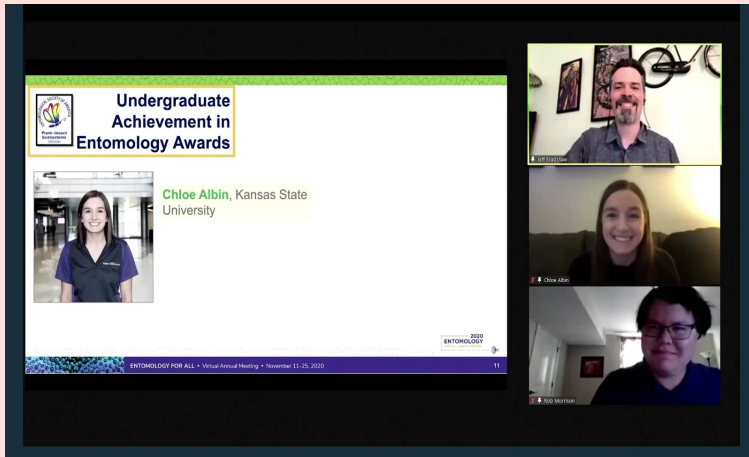


IPM Team Award winners for the *Navel Orangeworm Mating Disruption Adoption Project*  
Team members (left to right). Val Dolcini, Brad Higbee, Chuck Burks, Jhalendra Rijal, David Haviland, Stephanie Rill, Jesse Roseman, Bob Curtis, Rebecca Bailey, Jenny Nicolau

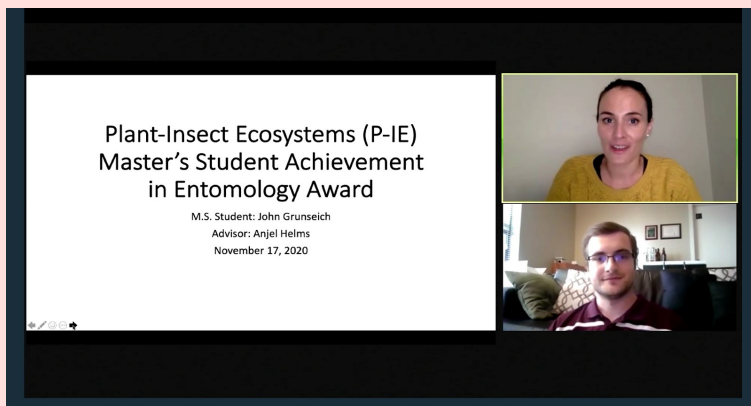


# Congrats to P-IE award winners CONT.

## Student awards



(Undergraduate Achievement in Entomology Award winner Chole Albin; Pictured here with adviser Dr. Rob Morrison and 2020 P-IE President Dr. Jeff Bradshaw)



(Master's Student Achievement in Entomology Award winner John Grunseich, Texas A&M University Pictured here with his advisor Dr. Anjel Helms)



(Undergraduate Achievement in Entomology Award winner **Earl Agpawa**, advised by Dr. Joe Louis, right, and Kenneth and Barbara Stark's Plant Resistance to Insects Graduate Student Award winner **Sajjan Grover**, advised by Dr. Joe Louis, left)

## ESA Annual Meeting Activities

### Hot Topics

P-IE GC moved to transfer business reporting items from a slide presentation to their final newsletter for 2020. As the entirety of the ESA Annual Meeting was conducted virtually in 2020, the P-IE GC decided that members would not be interested in logging into a livestream or recorded presentation of typical business-meeting items during our Networking Session. However, the P-IE GC worked with ESA HQ to retain an Awards Celebration as part of our Virtual Awards Celebration as a livestream activity. Additionally, we continued to offer Hot Topics and Speed Networking programs as coordinated ESA Annual Meeting activities. Our Hot Topics involved 120-150 total participants for the following 6 topics:

1. Pollinators
2. Sustainable Pest Management
3. Biocontrol
4. Diversity and inclusion
5. Public outreach and education
6. Invasive species

These topics were derived from our 2020 member survey and will serve as an additional platform for further discussion and fine-tuning our future WIGs.

### Speed Networking

A Speed Networking took place again this year through our Virtual ESA Annual Meeting. The event had a total of 48 participants (24 students/ECPs and 24 established member volunteers). The students/ECP had 1-on-1 five minute conversations with established members over the course of an hour. The established members represented either academia, industry, or government. We had a total of 10 academic, 7 industry, and 7 government members. The following people graciously volunteered their time as established members: Katelyn Kesheimer, David Shapiro Ilan, Timothy Kring, Margaret Couvillon, Christopher Brown, Melissa Siebert, Isaac Oyediran, Angel Acebes-Doria, Lauren Diepenbrock, Jian Duan, Peter Asiimwe, Scott Williams, Lisa Neven, Rebecca Schmidt-Jeffris, Clayton Myers, Thomas Anderson, Matt Grieshop, Monique Rivera, Bridget O'Neill, Tom Kuhar, Anna Wallingford, Rob Morrison, Don Weber, Julie Urban.

## Nominations For P-IE Committees

By January 31, 2021, the Governing Council (GC) needs P-IE members to nominate themselves to become members of the Awards and Nominations Committees. For the Nominations Committee we only need candidates who are members of the International Branch or the NC Branch of the ESA (2 positions). These terms end in December 2023. The Nominations Committee finds candidates for elected positions.

The P-IE GC needs 5 candidates for positions on the Awards Committee, which is active in June and July selecting winners of P-IE awards. We have doubled the size of the committee. We need 2 members who work in academia and 2 members who work in industry. One in each group will have a 1-year term; the other will have a 2-year term. We also need one member who works in a government agency. This is a 2-year term.

Send nominations to David Onstad (dwonstad@gmail.com) with contact information and one paragraph describing your interest and background.

## 2020 Business Section

### Scientific Content for the 2020 ESA Annual Meeting

Total Section Symposia	Total Regular Oral Presentations	Total Regular Posters	Total Infographics	Total Student Competition Oral Presentations	Total Student Competition Posters	Total Student Competition Infographics	Grand Total Presentations
15	265	145	15	258	60	9	767

Due to substantial changes in the 2020 ESA Annual Meeting resulting from an on-line platform, we changed the format of our annual section meeting titled, "P-IE Networking and Awards Celebration". The program consisted of our regular awards ceremony (with virtual acceptance comments from award winners via livestreaming). Following the awards ceremony, summaries/proposals of our Hot Topics were presented.

### Section Governing Council Capability Reporting

Reporting, per Section 5.2 of the ESA Bylaws:

*Purpose. The purpose of the Sections is to develop and implement the key capabilities for their membership that result in: outreach related to science and public policy, program development, continuing education, and fostering interest in entomology.*

Based on progress and assessments from 2019 concerning P-IE's WIGs, the P-IE GC felt it necessary to use 2020 to review and revise our WIGs. Therefore, we conducted a short survey that was active from February to August (which was made available to members through our monthly newsletters and on social media) asking the following two questions: 1) "What would you like to see P-IE membership achieve?" and 2) "How do you think P-IE membership could make this achievement a reality?". We received 78 responses or 3% of our total membership responding. The P-IE GC offered drawings and randomly selected winners from the participant pool to win 3 \$100 gift cards.

# 2020 Business Section CONT.

## Section Governing Council Capability Reporting CONT.

From this survey, we identified the following topics that received the most comments and interest from P-IE membership:

1. Pollinators
2. IPM
3. Biocontrol
4. Sustainability
5. Diversity and inclusion
6. Public outreach and education
7. Invasive species

These seven topic areas were then incorporated into focus areas for “Hot Topics” discussions held during the ESA Virtual Annual Meeting. Communications were sent to member leaders that expressed a strong interest in these areas and we will use the summary results of the Hot Topics discussion groups to guide our Wildly Important Goals in 2021.

Additionally, as evidence of growing, national impact, the USDA Office of the Chief Scientist invited representation from ESA P-IE to sit on their newly formed USDA Honey Bee and Pollinator Research Committee. This committee discussed priorities for setting research directions for USDA funding and were centered around the question, “Are the Farm Bill Subsections satisfied?”. Several pre-recorded presentations were played and offered insights on the current status of pollinator health in the U.S. and the E.U., including factors contributing to honey bee colony losses, longitudinal studies on honey bee colonies, issues around sugar-doped honey entering the U.S. market, general pollinator status and trends, and several question and answer periods. While the presence of P-IE at this meeting was useful for the P-IE president to gain additional insight into issues facing pollinators (and the P-IE President did offer to have P-IE facilitate symposia or workshops to help facilitate researcher connections at either the ESA Annual Meeting or at next year’s ICE meeting in Helsinki), it was not clear if there was something more that the USDA/EPA might expect from P-IE to facilitate national, research-directing priorities. As we move forward with our new WIGs in 2021 and should P-IE continue to be invited to this joint meeting, there may be opportunities to engage or connect a future “pollinator committee” to this national pollinator-priorities setting activity.

## Membership and Financial Status

### Membership

Section	SysEB	PBT	MUVE	PIE	None	Total
Sept. 2019	1244	662	1640	2725	886	7157
Sept. 2020	1158	659	1586	2579	808	6790

### Financial Status

P-IE	
Funds available as of December 31, 2019:	30,792
2020 Section Allocation:	17,320
2020 Section Expenses to-date (October 31, 2020):	4,055
<b>Total Funds Available in 2020:</b>	<b>44,057</b>

# 2020 Business Section CONT.

## Financial Status CONT.

<b>2020 Activity</b>	<b>Last name</b>	<b>Amount</b>	<b>Notes</b>
<b>Sponsorships</b>			
Corteva Sponsorship (next field tour)		(2000)	
Melissa Siebert (award donation)		(1500)	
<b>Awards</b>			
P-IE Undergraduate Stud Achievement Award	Albin	1550	Added upon reallocation
P-IE Undergraduate Stud Achievement Award	Agpawa	1550	
P-IE Master's Student Achievement Award	Grunseich	1550	
P-IE PhD Kenneth & Barbara Starks Award	Grover	550	
P-IE Recognition Award in Entomology	Siebert	50	
P-IE Lifetime Achievement Award	Tabashnik	1050	
P-IE IPM Team Award	Havilland	50	
P-IE IPM Team Award	Burks	50	
P-IE IPM Team Award	Rosemond	50	
P-IE IPM Team Award	Curtis	50	
P-IE IPM Team Award	Rijal	50	
P-IE IPM Team Award	Dolcini	50	
P-IE IPM Team Award	Higbee	50	
P-IE IPM Team Award	Bailey	50	
P-IE IPM Team Award	Nicolau	50	
P-IE IPM Team Award	Symmnes	50	
Plaque Engraving and costs (Shamrock)	Rill	310	
<b>Virtual Meeting</b>			
Reimbursement – Grunseich		95	
Barnes & Noble Gift Card (raffle – J. Bradshaw)		300	
<b>TOTAL</b>		<b>4055</b>	