A message from the FASABE Chair…

We are in the final planning stages for our program at this year’s Florida Section ASABE conference. This year we will be at the beautiful Delray Beach Marriott. Our keynote panel will include Brian Armstrong (Executive Director at SWFWMD), Tom Frick (Division Director at FDEP), Terri Lowery (Sr. Vice President at Jones Edmunds and Associates), and Sanjay Shukla (Professor at the University of Florida). We’ve also got a full line up of technical presentations from membership covering a wide variety of topics in agriculture and water resources. Plan to join us from June 26-28 in Delray Beach and don’t forget to INVITE A FRIEND TO ATTEND. Higher attendance leads to a higher quality conference, increased networking opportunities and greater overall conference satisfaction for all involved. If you need continuing education credits or just want to learn something new, we are offering 4 CEU’s with a course in the Storm Water Management Model (SWMM). We are going to have a lot of fun while gathering some of the best minds in the industry at a gorgeous oceanside venue in Delray Beach, we hope you’ll join us!

Taylor Kroll
2018-2019 Florida Section ASABE Chair

FASABE is on social media!
Follow us on Twitter (@FL_ASABE) and Facebook (Florida Section ASABE)
The Florida Section of the American Society of Agricultural and Biological Engineers (FASABE) will be hosting the **2019 Annual Conference and Trade show** from **June 26-29 2019**. The event will be held at the **Delray Beach Marriott** in **Delray Beach, Florida**. The capacity of natural ecosystems and society to absorb the shocks or changes is termed as resiliency. The concept of resiliency is not only limited to the functioning of an ecosystem, it also includes adaptability and a certain degree of transformation. Agricultural and natural systems worldwide are undergoing significant transformation due to a shift in land use, climate, technology and society preferences. Current and future policy needs to reflect this evolving paradigm shift; therefore the executive officers have developed this year’s theme of **“Modernizing Policy for a Resilient Future”** to reflect this reality. Go to [http://www.fl-asabe.org/](http://www.fl-asabe.org/) for more details.

**Sponsors and Trade Show Vendors** may contact Derek Hendrie at any time for more information or to register for the 2019 conference. If you know if anyone that may be interested in becoming a vendor or sponsor feel free to pass along Derek’s contact info to them or pass their info along to Derek Hendrie: (863)-214-1536, Derek.Hendrie@Lykes.com.
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Annual State Science and Engineering Fair

The FL Chapter of ASABE sponsored two special awards at the 64th Annual State Science and Engineering Fair held in Lakeland, Florida. This year’s event was hosted at the RP Funding Center on March 27-29. Our chapter sponsored awards in the senior section for projects related to Agricultural and Biological Engineering in the Environmental Engineering Category with cash prizes of $250 and $100 cash respectively.

The first-place award went to Vithulan Suthakaran of Florida Atlantic University High School in Boca Raton whose project was titled Developing a Biologically Based Artificial Leaf to Filter and Transform Carbon Dioxide Emissions into Oxygen via Photosynthesis. Vithulan’s teacher is Tricia Meredith.

The second-place award went to Griffin M. Wagner of Vero Beach High School in Indian River County whose project was titled A Holistic Engineering Plan Incorporating Predictive Data Modeling Into the Process of Remediating Cyanophyta Algae Blooms and Applying Photoautotrophic Prokaryotes Biomass to Improve Agricultural Outcomes. Griffin’s teacher is Nicole Mosblech.

The judges for this year’s competition were Chris Martinez from the University of Florida Agricultural and Biological Engineering Department and Ken Griner and Chaz LaRich from the Southwest Florida Water Management District.

We are extremely proud of the accomplishments of these students and we will be extending an invitation to them and their parents to join us at this year’s ASABE Conference, Trade Show, and Continuing Education event in June. FLASABE hopes to continue to sponsor these special awards in the future, as we strive to foster excellence in STEM education throughout the state of Florida.

Jamie Bell, PE
2018-2019 Florida Section ASABE Secretary
FAMU FL ASABE-BASE Club

The undergraduate student club (FL ASABE-BASE) members of the College of Agriculture and Food Sciences/FAMU participated in the ASABE Southeast Regional rally conference between April 5 and 7, 2019. The FL ASABE-BASE student club is a branch of the American Society of Agricultural and Biological Engineers. The southeast ASABE rally was attended by student representatives from thirteen-member schools and was hosted by North Carolina State University.

FL ASABE-BASE Student Club was awarded “Outstanding Student Branch of the American Society of Agricultural and Biological Engineers, Southeast Region”. This is the first time this regional award has been won by an 1890 historically black university or college.

The Following undergraduate students participated in the rally: Jeniva St Phar, Anthony Diaz, Kendahl Heckstall, Tajah Billingsley, Herbert Franklin, Zachary Scarlett, Reginald Hurchins, Jorge DelAngel, Jordan Brown, Azza Spivey, Keb Mosley-Kellum, Raegan Burton, Mikela Pryor and Melvin Jordan.

In addition to activities encouraging team work and scientific seminars, this year’s rally featured an industry networking event where several companies had booths set up. This presented an excellent opportunity for future internship and employment opportunities for the participants from our institution. Our students socialized with representatives from thirteen different clubs and participated in various competitions. Ms. Mikela Pryor and Ms. Kendal Heckstall won the poker game competition by identifying professors and research. At the business meeting our student club president Ms. Jeniva St Phar gave an outstanding account of the student club activities.

We are very thankful for the SGA Special Allocation Funding and the FAMU Office of Student Affairs for their support.

FAMU FL ASABE-BASE Club

The 2018-2019 FL ASABE-BASE officers:

President: Jeniva St Phar
Vice President: Keb Kellum
Treasurer: Anthony Diaz
Secretary: Azza Spivey
Parliamentarian: Christopher Wise

Ivanka Anguelova, Ph.D.
FL ASABE –BASE student club advisor
UF ASABE Robotics Team 2019

The competition objective this year is to design, model and build a simulated autonomous management system for nursery environments. The UF ASABE Robotics Team will compete in the Advanced Division. More information about the robotics competition can be found at https://www.asabe.org/Awards-Competitions/Student-Awards-Competitions-Scholarships/Robotics-Student-Design-Competition

The team members are Thiago Onofre (Team Leader), Bryce Askey, Edgar Hernandez, Xue Zou, Robert Herring, Emerick Larkin, and Hao Gan. The team advisor is Professor Wonsuk “Daniel” Lee (wslee@ufl.edu)

Progress:

1. Holding weekly meetings each Tuesday at 5PM and Sundays at 4PM
2. Officially registered for the 2019 ASABE Robotics competition (advanced division);
3. Currently finishing the design process concept of the robot;
4. Working on the competition board and have the materials to begin building the robot once concept is finished.

The ASABE UF Chapter is looking for sponsors for its robotics design team to compete at the Annual International Meeting! Fundraising is what makes these competitions happen. The robotics team is doing an excellent job in designing and building the robot. However, they need financial support to be able to travel to the ASABE AIM at Boston in July. Their goal is $3500, which will be used for purchasing conference registration, hotel flight tickets for four of the team members.

Checks may be made out to: UF Foundation, and mailed to: ASABE Robotics, 1741 Museum Road, Gainesville, FL 32611-0570. If you would like to know more about how to donate, please contact Max Williams at mandonmax@ufl.edu

Students will be at the 2019 Annual Conference in Delray Beach to showcase their design! Don’t miss it!
UF AOM Club

This semester, the Agricultural Operations Management Club hosted several guest speakers, prepared students for the CALS career fair and is excited to announce a new change in leadership. Among the guest speakers the club hosted, the AOM club had the privilege of hosting Ed Scott, Director of Corporate Recruiting and Compliance Specialist from Cal-Maine Foods, Inc. With 37.94 million hens and $1.908 billion in egg sales, Cal-Maine Foods, Inc. is the largest egg producer in the U.S. and the world. The AOM Club partnered with the Careers Connection Center this semester. Prior to the CALS career fair, workshops for students were created to help build resumes, practice interview questions, and gain insight into the career searching process. With several of our leaders graduating this semester, the AOM Club is excited for the new innovations and ideas that will come from the leadership of our new president, Kip Jedlicka. Next semester the AOM Club plans to visit more successful farms and businesses, host guest speakers from the agricultural industry, increase club involvement with club socials and events, hold career and professional development workshops, and start a vertical farm on campus!

Valentino Collazo, 2018-2019 AOM Club President

UF ASABE Club

The Florida Student Branch of ASABE meetings included fun activities such as mini design challenges and a research poster scavenger hunt within the department. Members worked together to build a homecoming float, which they had the opportunity to ride in the parade. Service events included a Plant Sale at Butterfly Fest, Rise Against Hunger, a food drive for Field & Fork, and VegFest. Career-building events were hosted, such as a resume workshop, mock interviews, and professional headshots for LinkedIn, as well as a Graduate School information session for those considering grad school. Social events included “Plant Night,” a department tailgate with GSO, AOM, and packaging club, a bonfire with ASCE, a Halloween celebration, a Food Truck Rally, a camping trip to Juniper Springs, two game nights, and several study socials. FSB ASABE hosted several speakers this semester, including Barry Jacobson (president of Solar Impact), Dr. Susan D’Costa from Brammer Bio, Dr. Kati Migliaccio (our new department head), and several alumni from the Suwannee River Water Management District. Members attended tours of Anheuser-Busch, where they got to learn about the beer-making process, as well as tours of the different labs at Brammer Bio. Students kept their blood pumping by participating in both kickball and volleyball intramurals. In addition, they stayed active by participating in team-building activities at the UF Challenge course as well as “high” elements, including a rope course and a zipline. The Florida student branch tied up the semester with a trip to Raleigh, NC for Rally (the southeastern student branch conference) and officer elections, and they are looking forward to the summer Florida Section and International conferences.

Briana Pizzano, 2018-2019, UF ASABE Club President
New Members

The Florida Section of the American Society of Agricultural and Biological Engineers welcomes new members year-round and encourages professionals and students of all ages, experiences and backgrounds to join!

New members of the ASABE Florida Section that joined between August 2018 and March 2019 are: Deepa, Raveendranpillai, Emerick Larkin, John Kilduff, Kuo Enoch, Li Simeng, Melissa Morris, Arianna Partow, Marco Pazmino-Hernandez, Raminder Kaur, Tajah Billingley, Yulin Zheng, Xue Zhou.

Welcome! We look forward to getting to know you and share knowledge and experiences!

Know someone who is not yet a member of FASABE? Refer them using the following link: https://join.asabe.org/p1.cfm and receive a bonus gift certificate of $20 towards the purchase of any ASABE product, service, membership dues, meeting registration, or publication!
ASABE 2019
Annual International Meeting
July 7-10, 2019
Boston Marriott Copley Place
Boston, MA

ASABE 2019 Presents a form to expand awareness of current industry trends, promote and acknowledge innovations in design and technology, and provide opportunities for professional development – all with a focus on the economic, political and societal impacts facing the industry.

ASABE 2019 Highlights:
- Networking opportunities
- More than 1,000 Technical and Poster Presentations
- Professional Development Sessions
- Specialty Sessions with include invited speakers, panel discussions and round-table discussions
- Technical and Cultural Tours
- Professional Development Hours/Credits
- Career Fair

General Registration
May 2 – June 10


Connect with Us!