

SOBE NEWSLETTER



WHAT IS SOBE?

SOBE or Society of Biological Engineers is a network of bioengineers that focuses on aiding students' professional development as they progress in their studies. Our mission is to connect everyone within the Biological and Agricultural Engineering Department.

Some examples of our events in the past include:

- Study Night Socials
- Industry Tours
- Laboratory Tours
- Boba Socials
- BAE Department BBQ
- & many more!

Boba Social x Meet the Board

Oct 2 - Oct 4 from 12-9pm

We will be having a Sharetea fundraiser! On Oct 4th, all board members will be there at 4-5pm for a beginning of the year social. Stop by to support and learn more about SOBE!



Contact Us

Instagram: @sobeatucd



IN THE FIELD

Agricultural Mobile Robots

In the latest ASABE issue, new research concerning the usage of autonomous agricultural robots is being conducted in China. Researchers are using sequential point tracking algorithms to create a path for the robots to follow. Ideally, this would be used for collecting soil samples and site-specific fertilization or feeding!

If you are interested in gaining access to the rest of the paper or more research papers like this one, check out the ASABE Technical Library!

Citation: Luo, C., Zhang, S., Zhong, J., Zhou, M., Zheng, K., Du, J., & Xia, J. F. (2024). Design and evaluation of field segmentation, path generation and sequential point tracking algorithms for agricultural mobile robots. J. ASABE, 67 (4), 983-993. <https://doi.org/10.13031/ja.15599>



Become an ASABE member!

Did you know that there is an society of bio/ag engineers that is completely free to sign up for? Learn more at our first general meeting!