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## AAAE PROFESSIONAL DEVELOPMENT TOUR INFORMATION

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Buses will leave Francis Marion Hotel Promptly at 2:30 on Thursday May 17

### OPTIONS:

**1. Seminar- Facilitated by Val Bayes- Monsanto Company – held at Francis Marion Hotel**

**2. Clemson University Coastal Research and Education Center (CREC)**

**2. A - Farm Tour #1 – one trailer, ~4 stops with Clemson scientists/students (LIMIT 30)**

**2. B - Farm Tour #2 – one trailer, ~4 stops with Clemson scientists/students (LIMIT 30)**

**2. C - USDA Lab Tour – Led by 2 USDA scientists (LIMIT 50)**

**2. D - Urban Research Demonstration Area (URDA) – Led by 2 Master Gardeners (LIMIT 20)**

**3. Clemson University Restoration Institute-**

Energy Research and Testing and Zucker Family Graduate Education Center (LIMIT 30)

### TOUR DESCRIPTIONS:

**Clemson University Coastal Research and Education Center (CREC)**

Each tour below will be about 1.5 hours (the URDA area and USDA labs may go quicker than farm side) and start at 3 PM.

**Location:** 2700 Savannah Highway Charleston, SC 29414 <https://www.clemson.edu/public/coastal/>

The Coastal Research and Education Center conducts applied research, education and public service programs on vegetable and specialty crops. The center includes 325 acres in addition to laboratories in the Department of Agriculture U.S. Vegetable Laboratory building. Our research focus is developing sustainable, efficient and economical vegetable production and conventional and organic pest management. The center offers instruction and research experience to graduate students and opportunities for collaboration with scientists. The team consists of two horticulturists, a plant pathologist, a weed scientist and an entomologist.

Attendees will select one tour from the following options:

**2. A - Farm Tour #1 – one trailer, ~4 stops with Clemson scientists/students (LIMIT 30)**

**2. B - Farm Tour #2 – one trailer, ~4 stops with Clemson scientists/students (LIMIT 30)**

**2. C - USDA Lab Tour – Led by 2 USDA scientists (LIMIT 50) - [USDA ARS U.S. Vegetable Laboratory](#).**

**2. D - Urban Research Demonstration Area (URDA) – Led by 2 Master Gardeners (LIMIT 20)**

To address the needs for horticultural information and guidance of the urban population in the Charleston peninsular city and suburbs the Urban Research and Demonstration Area was established on site to demonstrate cultivation of ornamentals. It is currently maintained by an active group of Tri-County Master Gardeners and includes a small arboretum and a variety of theme beds showcasing native plantings, herbs, edible plants, butterfly favorites as well as pollinator, small fruit and shade gardens. The CREC also includes a 10-acre section that is certified organic as well as one hedge of tea that was planted in the early years of the Center's establishment.

**Clemson University Restoration Institute- Energy Research and Testing (LIMIT 30)**

**Location:** 1240 Supply St., North Charleston

**3:00-4:00 pm Energy Innovation Center**

<https://www.clemson.edu/cecas/departments/charleston/>

<http://newsstand.clemson.edu/mediarelations/huge-wind-turbine-test-rig-is-centerpiece-of-clemson-energy-innovation-center/>

This is the world's largest wind-turbine drivetrain testing facility. It is capable of full-scale highly accelerated testing of advanced drivetrain systems for wind turbines in the 5 megawatt to 15 megawatt range with a 30 percent overload capacity. A drivetrain takes energy generated by a turbine's blades and increases the rotational speed to drive the electrical generator, similar to the transmission in a car. As the wind energy market evolves, South Carolina is strategically positioned to serve as an industrial hub for this evolving industry.

**4:15- 5:00 pm - Zucker Family Graduate Education Center** (short walk from the Energy Innovation Center)

<https://www.clemson.edu/cecas/charlestondegrees/contact-us.html>

<http://newsstand.clemson.edu/mediarelations/clemsons-zucker-center-to-open-new-era-of-engineering-in-charleston/>

Clemson University offers graduate programs developed for working engineers and scientists in the Charleston area. Classes are held at the Zucker Family Graduate Education Center in North Charleston during late afternoons and evenings. Students are not required to travel to Clemson's main campus. Clemson University knows that preparing students for a career in the 21st century means providing much more than specialized technical knowledge. Engineers and scientists must also understand the social and business implications of their work, and they must be able to communicate their ideas to a wide range of people, work effectively in teams and, above all, be willing and able to provide leadership in solving society's problems. Inspired by Thomas Green Clemson's dream to create a "high seminary of learning to benefit the agricultural and mechanical arts," engineering and sciences have been an integral part of the University's development. Since the first degrees were granted in 1896, Clemson engineers and scientists have made significant contributions to South Carolina, the nation and the world.

## **5:30 – 8:00 pm- Clemson University Host Reception and Dinner**

**Location: Zucker Family Graduate Education Center-** 1250 Supply St., North Charleston  
Please join us for a Charleston Favorite, “Low Country Boil” and an evening of collaboration and fellowship as we continue opportunities for “Elevating the Profession through Partnerships”!  
**Zucker Center- Rooftop Garden overlooks the Cooper River near Charleston Boatyard Marina/Naval Shipyards.**

Tickets must be purchased at the time of registration to attend this special host event that includes dinner and beverages.

### **Sponsor Recognition:**

The Zucker Family Graduate Education Center has graciously donated the innovative/collaborative space for our use for the evening reception. Thanks go out to EdiVania (AJ) Powell, M. Ed. Campus and Event Manager ([arena@clemson.edu](mailto:arena@clemson.edu)) for her help to plan the evening.

iCEV Multimedia has graciously helped support this event to reduce the cost of our meal. <https://www.icevonline.com/>. Thanks go out to Mr. Glenn Perryman ([Glenn.perryman@cevmultimedia.com](mailto:Glenn.perryman@cevmultimedia.com)) who will be joining us for the evening.

8:00 pm – Busses return to Francis Marion Hotel