



**American Society of Agricultural and Biological Engineers  
California-Nevada Section**

[www.asabecanv.org](http://www.asabecanv.org)

**ANNUAL MEETING**

**Date:** Wednesday – February 12th, 2020 (during the World Ag Expo)  
**Time:** 5:00 – 8:30 pm  
**Location:** 4175 South Laspina (across from the World Ag Expo)  
Tulare, California 93274  
**Ticket Cost:** \$35 for members/guests, \$12 for students

**AGENDA**

**5:00 PM**      **Poster Competition and Reception**  
**6:00 PM**      **Dinner**  
**6:30 PM**      **Business Meeting:** Intro, Section Initiatives/Update, Student Rally Update, Officer Elections, School Reports, Awards, and Sponsor Appreciation  
**7:00 PM**      **ASABE Past President:** Maury Salz  
**7:20 PM**      **Featured Speaker:** Dr. Nadia Sabeh (President and Founder, Dr. Greenhouse, Inc.)

**Indoor Farming: A field of opportunity**

When Dr. Nadia Sabeh was a high school senior, she took physics to get out of school early. Then she discovered Biosystems Engineering at UC Davis and was soon enraptured by agriculture, mushroom farming, greenhouses, and HVAC. Today she's recognized as a world-renowned expert and leader in her field, as she helps indoor farmers grow plants locally and precisely in a controlled environment. She'll share her story and hopefully, inspire others to help farmers face the challenges of feeding 9 Billion.

**8:10 PM**      **Closing Comments**  
**8:15 PM**      **Adjourn**

**STUDENT POSTER COMPETITION**

The student poster competition will begin promptly at 5 PM. Guests will have time to view posters for 30 mins after which, voting will determine the winners. We will be awarding prizes for first place (\$250) and second place (\$100) in both the undergraduate and graduate student categories. Winners must be present to receive their award. **Please limit your tri-fold poster size to 36”Hx48”W or flat posters to 34”Hx44”W. If your poster requires an easel, or backing for stability, please provide it.** Thank you to our student dinner sponsors. To become a student sponsor, please contact Hossein Edalati at (530) 220-2489 or [ahedalati@gmail.com](mailto:ahedalati@gmail.com).

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Please RSVP to Traeger Cotten (contact info below) by mail or email no later than February 10. Payments will be accepted at the door. Please make check payable to “ASABE CA/NV Section.”

Traeger Cotten  
2425 South Blackstone Street  
Tulare, CA 93274  
Mobile: (559) 331-9715  
Email: [Traeger.cotten@sce.com](mailto:Traeger.cotten@sce.com)

Dinner: “Mexican Fiesta” includes beef Enchiladas, Chili Verde, Steak Ranchera, chicken oregatino, Green Salad, refried beans, Spanish rice, tortillas, salsa, dessert, and beverages.

## Dr. Nadia Sabeh



### Brief Biography

Dr. Nadia Sabeh (A.K.A. “Dr. Greenhouse”) is President and Founder of Dr. Greenhouse, Inc., an agricultural and mechanical engineering firm that specializes in the design of HVAC systems for indoor plant environments. Dr. Sabeh first became interested in controlled environment agriculture (CEA) as an undergraduate, while working on a small shiitake and oyster mushroom farm in southern Idaho. She was inspired by the farmer’s way of life – the daily rhythm, the appreciation for the land, the hard work necessary to grow a crop, the friendly competition, and the respect and camaraderie between growers, helping each other to troubleshoot problems, fill orders, and make money. It was then that she decided she wanted to use her engineering know-how to help farmers control their environments. More than 20 years later, she is still on that path, helping farmers grow crops indoors, in greenhouses, and in locations that would otherwise make it impossible or impractical to do so.

Dr. Sabeh has her Ph.D. in Agricultural Engineering from the University of Arizona’s Controlled Environment Agriculture Center (CEAC) and is a licensed Mechanical Engineer. She authored the book *Tomato Greenhouse Roadmap* and contributed two chapters to the book *Plant Factory*. While regularly invited to speak at conferences and to professional organizations around the world, she has also been featured in, and written articles for, several industry-related magazines.

Dr. Sabeh is also the Co-Chair of a new ASABE/ASHRAE co-sponsored committee charged with developing the standard “HVAC for Indoor Plant Environments without Sunlight.” Hoping to bridge the two worlds of engineering and agriculture was always her dream...and still is. She hopes that bridge better serves her clients and, more importantly, cultivates understanding within the CEA industry.

<http://www.doctorgreenhouse.com/about-us.html>