



COLLEGE OF AGRICULTURE  
AND LIFE SCIENCES



# UA-CEAC Short Course The Realities of Growing Plants Indoors July 20 – 23, 2014 | Tucson, AZ

**Our Experts have over 150+ Years Combined Experience in CEA**



### The Indoor Growing Short Course Features:

- Visits to UA-CEAC research facilities including the Lunar Greenhouse, Veggie-Box, South Pole Food Growth Chamber, and LED Lighting facility
- 2 Days of Lectures by CEA Experts
- Great Networking Opportunities with Peers, Industry Analysts, and Potential Investors

## INSTRUCTORS:



**Gene Giacomelli**, Horticultural Engineer  
**Murat Kacira**, Greenhouse Engineer  
**Chieri Kubota**, Controlled Environment Plant Physiologist  
**Merle Jensen**, International Consultant  
**Ricardo Hernández**, Horticultural Lighting Specialist



### Topics Include:

- Indoor Growing Structures
- Plant Responses
- Air Humidity-Temp Control
- Lighting Strategy
- CO<sub>2</sub> Enrichment Strategy
- Water-Nutrient Mgmt & Delivery
- Resources Demand vs Production
- Architecture, Labor & Logistics
- Yield per Kilowatt-hour
- Production per Labor-hour
- Case Studies

## LOCATION & INFORMATION:

### Registration Fees:

**Attendees: \$750.00 | Arizona Residents: \$650**

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 Controlled Environment Agriculture Center (CEAC)  
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More Information available at our website:  
<https://cals.arizona.edu/ceac/realities-growing-plants-indoors>