

**Weed Science School 2017**  
August 22-24, 2017 ▪ UC Davis

# Agenda

## Day 1 ▪ Tuesday, August 22, 2017

12:45-1:15 PM	<i>Registration</i>	
1:15-1:30	<i>Introduction and announcements</i>	
1:30-2:15	General plant biology	Travis Bean, UC Riverside
2:15-3:05	Weed ecology: competition	Scott Steinmaus, Cal Poly San Luis Obispo
3:05-3:20	<i>Break</i>	
3:20-4:10	Herbicide absorption, translocation and metabolism	Brad Hanson, UC Davis
4:10-5:00	Lipid and amino acids synthesis inhibitors	Kassim Al-Khatib, UC Davis
5:00-6:00 PM	<i>Social hour—light refreshments</i>	

## Day 2 ▪ Wednesday, August 23, 2017

8:00-8:05 AM	<i>Announcements</i>	
8:05-8:55	Cell division and cell wall inhibitors	Joe DiTomaso, UC Davis
8:55-9:40	Photosynthetic and pigment synthesis inhibitors and free radical generators	Kassim Al-Khatib, UC Davis
9:40-9:55	<i>Break</i>	
9:55-10:40	Growth regulators	Kassim Al-Khatib, UC Davis
	<b>Environmental impacts</b>	
10:40-11:30	▪ herbicide degradation and physical removal in soil	Brad Hanson, UC Davis
11:30-12:15	▪ ground water contamination and regulatory aspects	John Troiano, CA Dept. of Pesticide Regulation
12:15-1:00 PM	<i>Lunch</i>	
1:00-1:40	Herbicide resistance and tolerance mechanisms	Kassim Al-Khatib, UC Davis

<i>Breakouts</i>	<b>GROUP A</b>	<b>GROUP B</b>
1:45-2:45	Grass and broadleaf ID Joe DiTomaso and Guy Kyser, UC Davis	Herbicide symptomology lab Brad Hanson, UC Davis
2:45-2:50	MOVE TO NEXT ROTATION	
2:50-3:50	Herbicide symptomology lab Brad Hanson, UC Davis	Grass and broadleaf ID Joe DiTomaso and Guy Kyser, UC Davis

3:50-4:00      *Closing remarks*

## Day 3 ▪ Thursday, August 24, 2017

8:00-8:05 AM	<i>Announcements</i>	
8:05-8:55	Physical control and other organic weed management strategies	Steve Fennimore UC Davis
8:55-9:25	Plant invasion biology and ecology	Travis Bean, UC Riverside
9:25-10:15	Weed seed biology	Steve Fennimore UC Davis
10:15-10:30	<i>Break</i>	
10:30-11:00	Understanding molecular genetics—a key for weed management decisions	Marie Jasieniuk UC Davis
11:00-11:30	Herbicide drift and the utility of the symptomology website	Kassim Al-Khatib, UC Davis
11:30-12:15 PM	What's new in application technology	Bob Wolf Wolf Consulting & Research
12:15-1:00	<i>Lunch</i>	

<i>Breakouts</i>	<b>GROUP A</b>	<b>GROUP B</b>
1:00-1:55	Spray nozzle demonstration <ul style="list-style-type: none"> <li>• Bob Wolf, Wolf Consulting &amp; Research</li> <li>• John Roncoroni, UCCE Napa County</li> </ul>	Adjuvant demonstration Richard Zollinger, North Dakota State University
1:55-2:00	MOVE TO NEXT ROTATION	
2:00-2:55	Adjuvant demonstration Richard Zollinger, North Dakota State University	Spray nozzle demonstration <ul style="list-style-type: none"> <li>• Bob Wolf, Wolf Consulting &amp; Research</li> <li>• John Roncoroni, UCCE Napa County</li> </ul>
2:55-3:05	<i>Evaluation and wrap up</i>	