NACREW 2017
Schedule of Events

Sunday August 27

8:30 a.m. Meet at Captain John’s Boats, Plymouth Town Wharf
9:00 a.m. Whale watch leaves
1:00 p.m. Whale watch returns (approx.)

Monday August 28 morning
[Regency A, lobby level, Hotel 1620]

7:00 a.m. Registration open
7:00 a.m. Breakfast served
7:50 a.m. Announcements
8:00 a.m. Greetings
   Hilary Sandler, Director, UMass Cranberry Station
   Brian Wick, Executive Director, Cape Cod Cranberry Growers Association
8:30 a.m. Paper Session #1

8:30  Lindsay Wells-Hansen, Sara Thomas-Sharma, and Patty McManus. Univ. WI and OSC.
   Overview of Tobacco streak virus and Blueberry shock virus.
8:45  Kim Patten, David Bellamy, Chase Metzger. Washington State University, Ocean Spray.
   Cranberry field rot, storage rot, fresh fruit keeping quality, and yield in Washington as a
   function of variety, type of fungicide(s) applied, and the number and timing of
   applications.
9:00  Jean-Pierre Deland, Reza Jalami, Léon-Étienne Parent and David Bellamy. Ocean Spray.
   Effect of nitrogen fertilization on fresh fruit keeping quality.
9:15  Amaya Atucha and Beth Workmaster. University of Wisconsin. Root growth patterns
   in cranberries.
9:30  Peter Jeranyama. UMass Cranberry Station. Spring frost prediction models in cranberry.


10:00  Break

10:30 a.m.  Paper session #2


10:45  Shawn Steffan. ARS; University of Wisconsin. The USDA Cranberry Entomology Lab: Highlights from 2011-2016.

11:00  Cesar Rodriguez-Saona, Vera Kyryczenko-Roth, and Robert Holdcraft. Rutgers University, P.E. Marucci Center. Cranberry toad-bugs: What are they?


Monday August 28 afternoon and evening
[field tour and clam bake]

Noon  Board vans/vehicles and leave hotel

12:30 p.m.  Arrive Slocum Gibbs Cranberry (John ‘Gary’ Garretson)

12:45 - 1:30 p.m.  Lunch

1:30 - 2:30 p.m.  Tour renovated beds (‘Stevens’)

2:30 p.m.  Leave Slocum Gibbs

3:00 p.m.  Arrive Beaton’s, Inc. (Matt Beaton)

3:00 - 4:15 p.m.  Tour renovated beds (Rutgers cultivars) and view Terragator sander
4:15 - 4:45 p.m.  Travel back to Hotel 1620
5:30 p.m.  Bus leaves Hotel for Box Mill Hall Clam Bake
6:00 - 9:30 p.m.  Clam Bake [see event descriptions]
9:30 p.m.  Bus leaves the Box Mill to return to the hotel

Tuesday August 29 morning
[UMass Cranberry Station, East Wareham]

7:00 a.m.  Leave hotel to attend working group breakouts
7:30 - 8:30 a.m.  Working Groups meet:
    Plant Pathology/fungicides       Franklin Room, Admin bldg. upper level
    Weeds                         Sandler Lab (1st on left, Lab bldg.)
    Water management/physiology    Break room, Admin bldg. lower level
    Entomology                   Bookkeeper’s office, Admin bldg. upper level
8:15 a.m.  Leave hotel if not attending working group sessions

Cranberry Station Library
8:30 a.m.  Break – breakfast snacks, fruit, coffee
8:50 a.m.  Announcements
9:00 a.m.  Workshop #1 Emerging and Re-emerging Pests
    Moderator: Cesar Rodriguez-Saona (Rutgers)
9:45 a.m.  Workshop #2 Pollinators and Pesticides
    Moderator: Shawn Steffan (USDA ARS, Wisconsin)
10:30 a.m.  Break
10:45 a.m.  Grower guests arrive
11:00 a.m.  Panel Discussion  Fruit Quality
    Panelists: Erika Saalau Rojas (UMass), Peter Oudemans (Rutgers), Peter Jeranyama (UMass)
12:00 p.m.  Lunch and Poster Session
**Tuesday August 29 afternoon and evening**
*[field tour, winery event]*

12:00 - 1:15 p.m.  Lunch and poster session

1:20 p.m.  Group Photo in the Dee Garden

1:30 p.m.  Field tour at State Bog  
Drone demonstration and water management

2:30 p.m.  Leave State Bog

2:45 p.m.  Arrive Mann Farms (Keith Mann)  
View wind turbines, greenhouse propagation, renovations

3:30 p.m.  Leave Mann Farms

3:45 p.m.  Arrive A.D. Makepeace Company  
View renovations designed for sub irrigation, sand and gravel operations,  
75 acre cranberry bog (single irrigation system), on-farm research programs

5:15 - 5:45 p.m.  Travel back to Hotel 1620

6:30 p.m.  Wine (and beer) tasting event at 1620 Winery [see event descriptions]  
The winery is on Water Street about 200 feet in front of the hotel

**Wednesday August 30 morning to early afternoon**
*[Regency A, lobby level Hotel 1620]*

7:00 a.m.  Breakfast served

7:50 a.m.  Announcements

8:00 a.m.  **Paper Session #3**

8:00  **Casey Kennedy**, Peter J.A. Kleinman, Carolyn J. DeMoranville, Kyle R. Elkin, Ray B. Bryant, and Anthony R. Buda. ARS, UMass Cranberry Station. Managing surface water inputs to reduce phosphorus losses from cranberry bogs.

8:15  **Christopher Neill**, Lindsay Scott, Casey Kennedy, Rachel Jakuba and Carolyn DeMoranville. Woods Hole Research Center, USDA ARS, Buzzards Bay Coalition, UMass Cranberry Station. Nitrogen and phosphorus balances of cranberry bogs in southeastern Massachusetts coastal watersheds.

8:30  **Anne L. Averill** and Martha M. Sylvia. UMass Cranberry Station. Armored scale (Diaspididae) outbreaks in Massachusetts cranberry.

9:00  Shane Foye and Shawn Steffan. University of Wisconsin and ARS. Native nematodes as new bio-insecticides for cranberries.


9:30 a.m. Cranberry Institute Update, Terry Humfeld, Executive Director

9:50 a.m. Break

10:15 a.m.  Paper session #4


10:45  Katherine Ghantous and Hilary Sandler. UMass Cranberry Station. Moss as an emerging weed problem in cranberry.

11:00  Jocelyne Moreau. Fruit d’Or. Biocontrol of moss with sodium bicarbonate.


11:30  Hilary Sandler. UMass Cranberry Station. Repeated applications of Callisto and Devrinol on newly planted cranberry vines.

11:45  Jed Colquhoun. University of Wisconsin. Big data: big possibilities for the cranberry industry?

12:00 p.m. Select location for next NACREW (2019)

12:15 p.m. Meeting adjourns; Lunch on your own

1:30 p.m. Optional tour of Tidmarsh Farm restoration, led by Casey Kennedy USDA ARS (Massachusetts). Meet in hotel lobby. Return at approx. 3:30 p.m.