



**California/Nevada Section
Bimonthly Update
July 1, 2009
Twenty-First Edition**

- * Annual International Meeting in Reno, NV
- * UC Davis' Bryan Jenkins awarded 2009 Linneborn Prize
- * Council on Forest Engineering (COFE) Meeting, June 15-18, 2009
- * CA/NV ¼ Scale Tractor Teams
- * ASABE Co-Sponsored Event: Farming Systems Design 2009, August 23-26, 2009, Monterey, Calif.
- * In Memoriam, Ronald C. Reeve
- * Cal Poly and UC Davis Graduates & Incoming Freshmen

- * Annual International Meeting in Reno, NV

The California/Nevada Section was host to the ASABE AIM that included over 1,400 attendees from 38 countries. Tours and socials included a visit by the YPC to the Reno Rodeo and a technical tour of Bently AgrowDynamics hosted by Section member Jim Usher. A number of students from UC Davis volunteered to assist the Meetings staff with the day-to-day running of the meeting. Special thanks to volunteers Ahmad Tabatabaeifar, Bhagwati Prakash, Bunpot Sirinutsomboon, Carolyn Zhang, Josh Rapport, Rajat Saha, Wenjuan Qu, Xuan Li, and UCD Faculty member David Slaughter. CA/NV Section honorees and awardees are listed below.

2009 Fellows - Paul F. Burkner; Wesley W. Wallender.

Incoming Trustee (2009-2011) - Carolyn M. Jones.

Educational Aid Blue Ribbon Winners - "Maintaining Microirrigation Systems" by L. Schwankl, B. Hanson, T. Pritchard, University of California Cooperative Extension.

Book Author Recognition - "Advances in Soil Dynamics, Volume 3" by Shrini Upadhyaya, William Chancellor, John Perumpral, Dvorlai Wulfsohn, Thomas Way.

Outstanding Reviewers for 2008 Publication Year - Journal of Agricultural Safety & Health, Fadi A. Fathallah.

2009 Superior Paper Winners - "Sequential Infrared Radiation and Freeze-Drying Method for Producing Crispy Strawberries" by C. Shih, Z. Pan, T. McHugh, D. Wood, E. Hirschberg. Transactions of the ASABE, Vol. 51, No. 1.; "Development and Field Evaluation of a Field-Ready Soil Compaction Profile Sensor for Real-Time Applications" by P. Andrade-Sanchez, S.K. Upadhyaya, C. Plouffe, B. Poutre. Applied Engineering in Agriculture, Vol. 24, No. 6.

AE50 Company Recognition Program 2008 Winners - AutoFarm & Raven Industries' FarmPRO™ GPS Steering & Application Control Systems; Kubota Tractor Corporation's INFINITY DECK; Laforge Systems Inc.'s FrontPower.

- * UC Davis' Bryan Jenkins awarded 2009 Linneborn Prize



The Johannes Linneborn Prize, established in 1994 for outstanding contributions to the development of energy from Biomass, was awarded during the 17th European Biomass Conference and Exhibition in Hamburg, Germany, held 29 June to 3 July 2009. Johannes Linneborn (1899-1991) was a pioneer in modern Biomass utilisation. In his professional life of almost 70 years, his interests covered a wide range of activities from agriculture, energy, and transport to health and nutrition. His *credo* was the necessity to integrate all human activities into the natural cycle of life.

The 2009 Prize Winner is Prof. Bryan M. Jenkins, University of California at Davis.

Distinguished as a Professor of Biological and Agricultural Engineering, Professor Jenkins has been in the field of Biomass for 30 years, during which he has produced more than 130 papers, with additional textbook contributions and prominent reports, which have contributed further to the credibility of the California Biomass Collaborative. This Institute, founded and directed by Prof. Jenkins, provides a strong base for the collaboration of academia, companies, environmental organizations, and the government, in order to analyse, plan, and co-operate towards a better and more sustainable future.

The professional background of Prof. Jenkins includes the functions of Senior Resource Engineer for the Pacific Gas and Electric Company, as an Affiliate Researcher for the California Senate Office of Research and is currently the Director of the University of California Davis Energy Institute.

The 17th European Biomass Conference is delighted to honour such an eminent personality in Biomass and Bioenergy development who has vitally assisted educational institutions and provided leadership worldwide, especially in the Philippines and South East Asia.

<http://p30322.typo3server.info/Linneborn-Prize.260.0.html>

* Council on Forest Engineering (COFE) Meeting, June 15-18, 2009

The Council on Forest Engineering, or COFE (www.cofe.org), was organized in 1978 to foster the development of forest engineering in industry, government, and universities. This year's annual COFE meeting was held on June 15-18 at Kings Beach, California, with the theme of "Environmentally Sound Forest Operations." The Tahoe Basin provided a perfect venue. Two days were devoted to technical sessions on Forest Operations such as development of a novel system for transporting trees over sensitive terrain; Human Factors, e.g., how to avoid objects thrown by mechanized cutting equipment; Biomass & Fuel Reduction; Environmental Impacts such as soil compaction; Roads, Trails & Transport; Maximizing Value by using acoustic technology to determine log properties; and Production & Cost Analysis.

An all-day field trip demonstrated some of the methods used to reduce fuels in forests within the Tahoe Basin. It increased understanding of the challenges to fuels treatment, including regulations, public scrutiny, and sensitive areas. Speakers at treated sites at Incline Village, Zephyr Cove, and Round Hill gave attendees an excellent understanding of the history of fire and fuels treatment at Tahoe and of the difficulties of coordinating the efforts and personnel of the many regulatory agencies, land management groups, and fire prevention districts within the basin. Monitoring of operations and outreach to the public play major roles.

At each meeting COFE honors one individual with the Operator Award. This year's recipient was Mike Anderson of Anderson Logging in Fort Bragg. Mike is a long-time supporter of both BioResource and Agricultural Engineering at Cal Poly San Luis Obispo and Biological and Agricultural Engineering at UC Davis.

* CA/NV ¼ Scale Tractor Teams

A job well done to both of our ¼ Scale Tractor Teams! More information can be found at www.asabe.org.

	Cal Poly	Modesto JC
Tractor Pull		
Hook 1 (1,050 lb)	16 th place, 54.3 points	10 th place, 180.3 points
Hook 2 (1,050 lb)	19 th , 0.0	7 th , 169.3
Hook 1 (1,550 lb)	11 th , 182.3	8 th , 184.4

Design	Hook 2 (1,550 lb)	8 th , 189.3	6 th , 190.6
	Judging		
	Serviceability	11 th , 57.5	17 th , 54.5
	Manufacturing	13 th , 52.2	7 th , 56.2
	Safety	1 st , 67.0	14 th , 54.6
	Ergonomics	1 st , 62.6	10 th , 51.2
	Sound	8 th , 31.0	10 th , 28
Overall			
	Written Design Report	14 th , 434.3	18 th , 390.3
	Team Presentation	2 nd , 489.8	12 th , 428.3
	Design Judging	5 th , 327.2	12 th , 301.4
	Tractor Pull	15 th , 425.9	6 th , 724.6
	Maneuverability Event	17 th , 0.0	4 th , 96.9
	Initial Quarantine	100.0	100.0
	Overall	15th, 1,777	9th, 2,042

* ASABE Co-Sponsored Event: Farming Systems Design 2009, August 23-26, 2009, Monterey, Calif.

Leading international scientists will assemble to share ideas, results, and research. Topics to be discussed are important issues for the global agricultural community, including: food security, environmental impacts, climate change, and management alternatives for enhancing natural resources. Learn more at <http://www.asabe.org/meetings/farmsystems09.pdf>. (Originally published in Inside ASABE, March 2009)

* In Memoriam, Ronald C. Reeve



Ronald C. Reeve, an internationally recognized authority on drainage and reclamation of saline soils, died May 18, 2009. Ron was a Fellow of ASABE and a 60-year member.

Ron's career with the USDA, Agricultural Research Service included research at the US Salinity Laboratory, in Riverside, CA; Research Leadership for the Soil Drainage Research Unit in Columbus, OH; and Staff Scientist, National Program Staff in Beltsville, MD. He served as a consultant and advisor on drainage and salinity management in Europe, USSR, Pakistan, India, Egypt, Turkey, Puerto Rico, Costa Rica, and Mexico. After retirement from ARS, Ron worked with Advanced Drainage Systems, Inc. in Columbus, OH. He was inducted into the International Drainage Hall of Fame in 2000. (Originally published in Inside ASABE, June 2009)

* Cal Poly and UC Davis Graduates & Incoming Freshmen

Cal Poly graduated 30 students this last spring and is expecting 78 new students in the fall. UC Davis graduated 16 students in June and is expecting 45 next fall.

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- For previous editions of the Update, please visit www.asabecanv.org.
- If you have questions or comments, feel free to contact Carolyn at 707-252-4189x114 or carolyn.jones@ca.usda.gov.
- If you have ideas for Update items or would like to get involved in the leadership group, please let us know.