

# Center for Produce Safety

## First eleven funded projects Final reports posted to CPS Website



Davis, Calif., July 14, 2010 - The final reports for the first eleven projects funded by the Center for Produce Safety have been posted to the CPS website, <http://cps.ucdavis.edu> (click here). Projects are listed by date funded. Scroll to the bottom of the screen to find the final report links for completed projects. The final reports were submitted as deliverables for research funded by the Center for Produce Safety (CPS) and presented at the CPS Produce Research Symposium in June 2010. They have not been subject to peer-review at this time. When the principal investigators' articles based on this research are accepted for publication in a peer-reviewed professional journal, links to those articles will be provided.

Listing of first eleven funded projects:

**A high-throughput, culture-independent approach to identify index and indicator species for E. coli O157:H7 contamination.** Gitta Coaker, PhD, University of California, Davis

**Comparison of surrogate E. coli survival and epidemiology in the phyllosphere of diverse leafy green crops.** Trevor Suslow, PhD, University of California, Davis

**Contribution of phyllosphere microbiota to the persistence of Escherichia coli O157:H7 ATCC 700728 on field-grown lettuce.** Maria Marco, PhD, University of California

**Fly reservoirs of E. coli O157:H7 and their role in contamination of leafy greens.** Astri Wayadande, PhD, Oklahoma State University

**Food safety risks associated with sheep grazing in vegetable stubble fields.** Bruce Hoar, DVM, PhD, University of California, Davis

**Minimizing pathogen transference during lettuce harvesting by optimizing the design of the harvesting device and operation practices.** Yaguang Luo, PhD, USDA, ARS

**Survival of attenuated Escherichia coli O157:H7 ATCC 700728 In field-inoculated lettuce.** Linda Harris, PhD, University of California, Davis

**Sensitive and Specific Molecular Testing Method for Live Salmonella in Produce.** Beilei Ge, Louisiana State University.

**Enhancing the effectiveness of human pathogen testing systems for the advancement of practical produce safety research and commercial management.** Carol D'lima, University of California, Davis.

**Environmental effects on the growth or survival of stress-adapted Escherichia coli O15:H7 and Salmonella spp.in compost.** Xiuping Jiang, Clemson University.

**Examination of the survival and internalization of E.coli on spinach under field production environments.** Steven T. Koike, University of California Cooperative Extension

### About Center for Produce Safety

The Center for Produce Safety is focused exclusively on providing the produce industry and government with open access to the actionable information needed to continually enhance the safety of produce. Established by public and private partnership at the University of California, Davis, CPS funds original research; has created a searchable database of global produce safety research; and is developing industry training and outreach programs. Initial funding for CPS was provided by the California Department of Food and Agriculture, the University of California, Produce Marketing Association and Taylor Farms. For more information, visit <http://cps.ucdavis.edu>

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