



# Ohio State HCS News

HORTICULTURE & CROP SCIENCE IN VIRTUAL PERSPECTIVE - THE OHIO STATE UNIVERSITY

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## Horticulturists Convene in New Orleans



OSU's Joe Scheerens and Matt Kleinhenz discuss research findings with John Clark during the conference in New Orleans.

Horticulturists from across the globe convened in New Orleans for the 2006 American Society for Horticultural Science (ASHS) Annual Conference. Held at the Sheraton New Orleans Hotel between July 27-30, the conference boasted many Ohio State horticulturists delivering educational presentations.

OSU Horticulture & Crop Science faculty involved in the meetings included Drs. **Matt Kleinhenz**, **Ray Miller**, **Joe Scheerens**, **Tim Rhodus**, **Mark Bennett** and **David Tay**. H&CS staff **Luke Case** and **Victor van Buchem**. Graduate students **Roel Rabara**, **Jon Sammons**, **Petra Sternberg**, and **Alejandra Acuna**. Additional co-authors and collaborators whose work was discussed at the conference include Drs. **Hannah Mathers**, **Dick Funt**, **Pablo Jourdan**, **David Francis**, **Miller McDonald**, and **Dan Struve**, as well as students **Elizabeth Grosskurth** and **Samuel Contreras**.



Tim Rhodus prepares to make a podcast recording of a session at the ASHS 2006 Annual Conference in New Orleans.

Tim Rhodus contributed two technology-based workshop presentations, "Tips for Presenters Who Are Being Video Recorded" and "Open Source Solutions for Extension Communications." Rhodus also facilitated the recording of nearly 80 presentations, sessions, keynotes, and video biographies during the conference. **Victor van Buchem**, **Lori Inkrot** and **Kevin Rhodus** assisted professor Rhodus with recording the conference sessions. For those who could not attend the conference or want to watch a presentation

again, these multimedia recordings are available as podcasts for digital download via the [ASHS Video Workshop Series](#) webpage.

Small fruit researcher Joe Scheerens was a collaborator on many projects presented at the conference. He gave poster presentations on, "Comparison of Inflorescence Morphology, Anthesis and Floral Sex Expression in Bottlebrush and Red Buckeye", "Aesculus Pollen Viability and Longevity under Frozen Storage", "Effects of Storage Temperatures on the Antioxidant Capacity and Anthocyanin Contents of Black Raspberries", "Floral Competence of Primocane-fruiting Blackberries Prime-Jan and Prime-Jim Grown at Three Temperature Regimes", "Variation in Cornelian Cherry Phytonutrient Capacity", and "Phytonutrient Accumulation and Antioxidant Capacity at Eight Developmental Stages of Black Raspberry Fruit."



Ornamental Plant Germplasm Center director David Tay networks with Paul Nelson of North Carolina State University.

Ohio State nursery research and extension work was presented by Luke Case, "Determination of the Optimum Species for Ohio Tree Liner Production in Retractable Roof Greenhouses," Alejandra Acuna, "Implementing and Assessing a Bilingual Educational Program for Hispanic Nursery Workers in Ohio," Petra Sternberg, "The Use of Cyclanilide to Promote Lateral Branching in Container-grown Whips," and Jon Sammons, "Taxodium Growth Under Different Substrate Moisture Levels."

Matt Kleinhenz delivered oral sessions on, "Vegetable Crop Yield and Quality following Differential Soil Management (Compost Versus No Compost Application) in Transitional- and Certified-organic Systems in Ohio" and "Planting Date Effects on Anthocyanin Concentrations in Nine Lettuce (*Lactuca sativa*) Varieties and Relationships among Anthocyanin Levels and Instrumented and Visual Assessments of Color."

David Tay gave two poster presentations, "Effects of Temperature During Seed Development in *Lactuca sativa* and *Helianthus debilis*" in a poster presentation" and "Development of Germinability and Desiccation Tolerance in Lettuce Seeds." Mark Bennett presented a poster on, "Effect of Plant Stand Density and Pesticide Application Technology on Insect Pests and Diseases of Bell Peppers."

A co-author on three other projects, Ray Miller delivered an oral presentation, "A Nuclear Magnetic Resonance Spectroscopy-based Approach to Profile Biologically Active Plant Metabolites Using Black Raspberry Inhibition of Colon Cancer Cell Proliferation as a Model System." Seed biology student Roel Rabara spoke about, "Moisture Sorption Characteristics of Seeds of Five Ornamental Species."

The 2007 ASHS Annual Conference will take place July 16-19 at the Westin Kierland Resort and Spa in Scottsdale, Arizona.

Story, photos and web publishing by [Victor van Buchem](#).  
Published August 07 2006 - <http://HCS.OSU.EDU>