

## Horticultural Research by Undergraduate Students in the MTSU Plant and Soil Science Program.



**Eric Limbird (2010) – The effects of seed source location and germination behavior in *Rhododendron calendulaceum*. URECA Assistant Award (\$1,080)**

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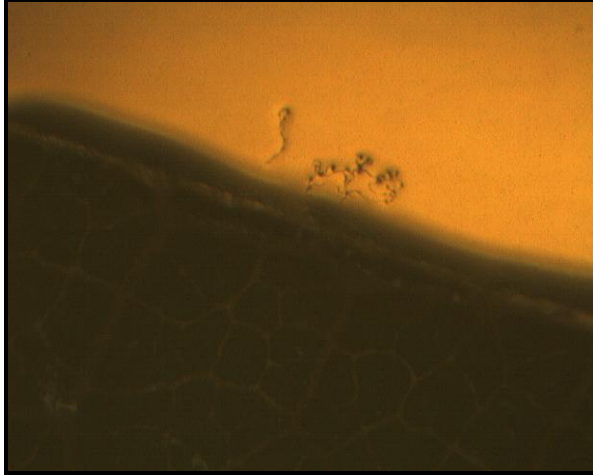


**Daniel Messick (2009) - Can growth regulator application in hydroponic cucumber (*Cucumis sativus*) production maximize space efficiency in the greenhouse? URECA Scholar Award (\$2,993)**

### **Abstract:**

Messick, D., Phillips, N. and Limbird, E. 2010. The Effects of Daminozide on Flower Production and Sex Ratios in Hydroponic Greenhouse Cucumbers (*Cucumis sativus*). To be presented at the 2010 ASHS conference in Palm Desert, CA

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**Jason Chambers (2009)** - Evaluating Fungal Endophyte Isolation Techniques in Three Grape Species. URECA Assistant Award (\$905.00)

**Abstract:**

Chambers J.A., Phillips, N., and Revetta, A. 2010. Evaluating Fungal Endophyte Isolation Techniques in Three Grape Species. To be presented at the 2010 ASHS conference in Palm Desert, CA

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**Justin Sheffield (2008)** – *Spigelia marilandica* propagation – URSCA Scholar Award (\$2090)

**Proposal:**

Minimal Input Propagation System Success for *Spigelia marilandica*.

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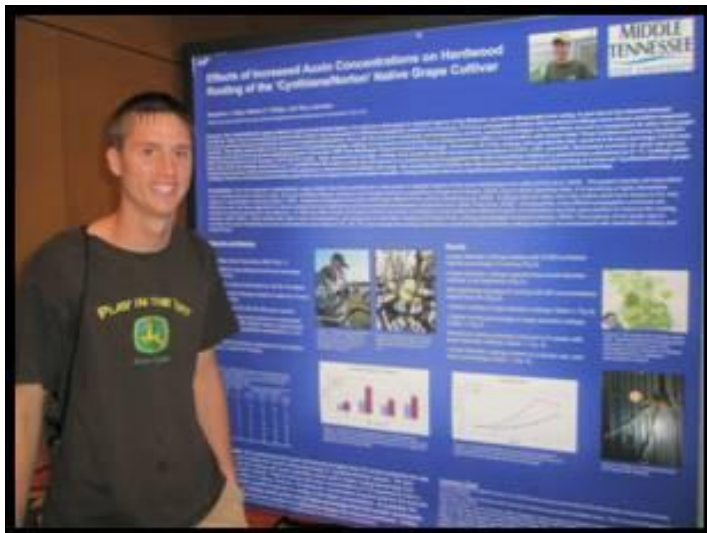


**Aaron Shew (2008) – The use of bio-extract in vegetable production - StepMT Research Scholar Award (\$1270)**

**Abstract:**

Shew, A. and Phillips, N. 2008. Evaluating the Effects of an Asian Originated Bio-extract on Two Vegetable Crops (*Brassica oleracea* and *Phaseolus vulgaris*) in Middle Tennessee. Annual Meeting of the Tennessee Academy of Sciences, November 21, 2008, Nashville TN.

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**Benjamin Kelly (2007) – Grape Propagation - StepMT Research Scholar Award (\$1270)**

**Abstracts and Presentations:**

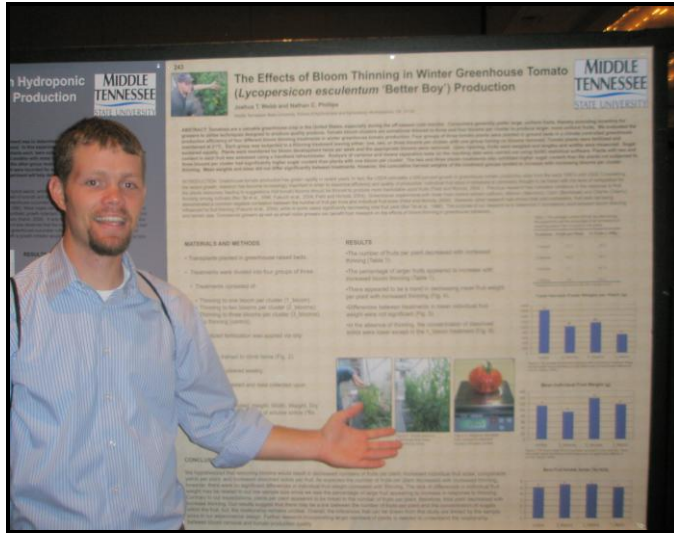
\*Kelly, B., Phillips, N., and Johnston, T. 2008. Effects of Increased Auxin Concentrations on Hardwood Rooting of the Native Grape Cultivar: 'Cynthiana / Norton'. *HortScience* 43(4): 1180-1181.

Phillips, N, Kelly, B, and T. Johnston. 2008. The Effects of Shoot Harvest Date and Auxin Concentrations in the Propagation of 'Cynthiana / Norton' Grapes (*Vitis aestivalis*).

Annual Meeting of the Tennessee Academy of Sciences, November 21, 2008, Nashville TN.

*\*Placed 2<sup>nd</sup> in undergraduate poster competition at the American Society for Horticultural Science (ASHS) annual meeting in Orlando FL, July 2008.*

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**Joshua Webb (2007) - Greenhouse tomato production - StepMT Research Assistant Award (\$500)**

**Abstract:**

\*Webb, J., and Phillips, N. 2008. The Effects of Bloom Thinning in Winter Greenhouse Tomato (*Lycopersicon esculentum* 'Better Boy') Production. *HortScience* 43(4): 1241-1242.

*\*Placed 3<sup>rd</sup> in undergraduate poster competition at the American Society for Horticultural Science (ASHS) annual meeting in Orlando FL, July 2008.*

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**Justin Stefanski (2007) - Hydroponic cucumber production.** - StepMT Research Assistant Award (\$500)

**Abstract:**

Stefanski, J., and Phillips, N. 2008. The Effect of Growth Form on Fruit Yield in Hydroponic Greenhouse Cucumber (*Cucumis sativus*) Production. *HortScience* 43(4): 1242.

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