

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



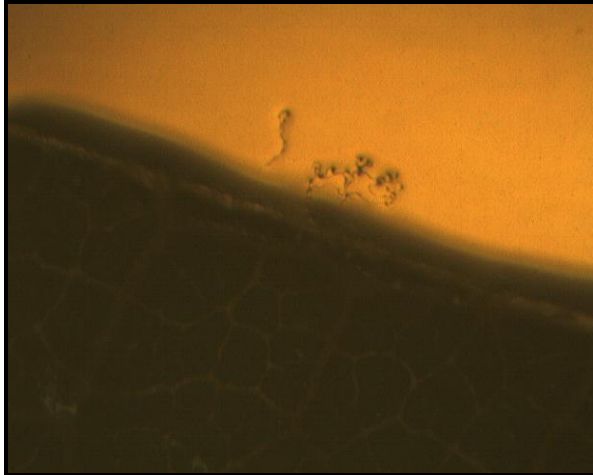
Eric Limbird (2010) – The effects of seed source location and germination behavior in *Rhododendron calendulaceum*. URECA Assistant Award (\$1,080)



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



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



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

Proposal:

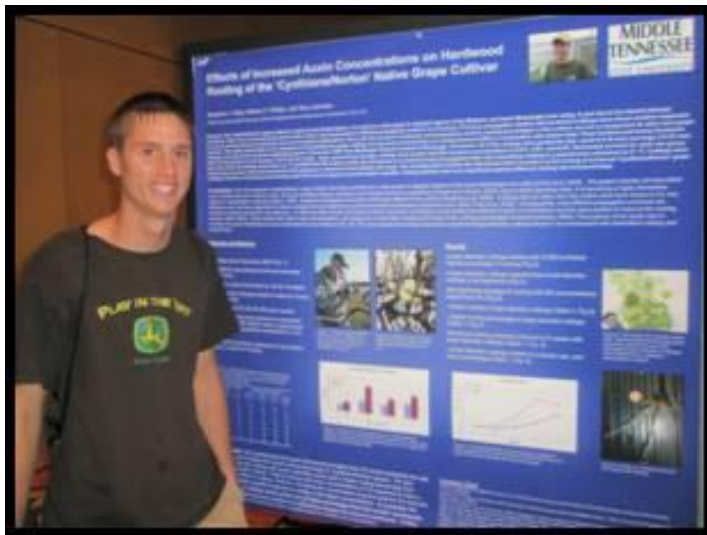
Minimal Input Propagation System Success for *Spigelia marilandica*.



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.



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

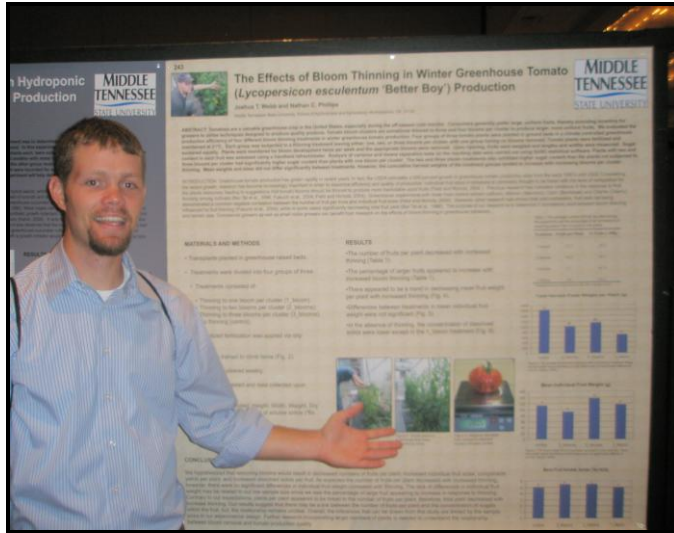
Abstracts and Presentations:

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



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



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.
