

**"2011 Frank L. Haynes Graduate Student
Research Competition Committee Report"**

95th Annual Meeting

August 18, 2011

Wilmington, NC USA

The members of the Graduate Student Competition Committee in 2011 were Samuel Essah (Colorado State University), Hector Lozoya Saldana (PICTIPAPPA, Mexico), Paul Bethke (USDA-ARS, Madison, WI), Andre Gagnon (Quebec, Canada), Shelley Jansky (USDA-ARS, Madison, WI) and Alfonso del Rio (University of Wisconsin).

The awards were funded by the Frank L Haynes Graduate Student Research Award Endowment Fund.

1. Seven students participated in the competition: 4 Ph.D. and 3 M.S. students.
2. They made presentations in the following sections: Breeding and Genetics (3), Physiology (2), Production and Management (1), and Seed Certification (1).
3. They were from six institutions: Colorado State University (2), Texas A&M University (1), Washington State University (1), Michigan State University (1), University of Wisconsin, Madison (1) and Virginia Polytechnic and State University (1).
4. The students came from three countries: USA (5), Guatemala (1), and India (1).
5. The winners were:
 - a. **1st place: Jacob Blauer**, Ph.D., Washington State University, 'Changes in ascorbate content of developing tubers relative to transcription of genes in the Smirnoff-Wheeler pathway.'
 - b. **2nd place: Sarah Turner**, M.S., Texas A&M University, 'Effect of purple and white potato extracts on prostate cancer development in athymic nude mice.'
 - c. **3rd place: Sridhar Radhakrishnan**, Ph.D., Colorado State University, 'Purple potato anthocyanins, even after processing, exert anti-cancer properties *in vitro* and suppress oxidative stress in obese pig.'

Respectfully submitted,
Samuel YC Essah, Chair
Frank L. Haynes Graduate Student Research Award Competition Committee