

"2005 Graduate Student Competition"

89th Annual Meeting
July 17-22, 2005
Calgary, Alberta CANADA

1. The members of the Graduate Student Competition Committee in 2005 were Kathleen Haynes (USDA/ARS), Hector Lozoya-Saldana (PICTIPAPA), Asunta "Susie" Thompson (North Dakota State University), Richard Novy (USDA/ARS), Mark Pavek (Washington State University), and Leslie Wanner (USDA/ARS).
2. The awards were funded by the endowment funds of the PAA.
3. Thirteen students participated in the competition: 6 Ph.D. and 7 M.S. students.
4. They made presentations in the following sections: Breeding and Genetics (6), Plant Protection (5), Utilization and Physiology (1) and Production (1).
5. They were from nine institutions: University of Minnesota (1), Texas A & M University (2), University of Prince Edward Island (1), North Dakota State University (2), University of Idaho (2), Oregon State University (1), Nova Scotia Agricultural College (2), Washington State University (1), and Michigan State University (1).
6. The students came from seven countries: U.S.A. (5), Canada (2), India (2), Rwanda (1), Brazil (1), China (1), and Korea (1).
7. The winners were:
 - a. 1st place - Lavanya Reddivari, Breeding and Genetics, Texas A & M University, Ph.D., India, 'Specialty potatoes (*Solanum tuberosum*) as a source of bioactive compounds to reduce human prostate cancer cell proliferation in vitro'.
 - b. 2nd place - Dennis Atkinson, Plant Protection, University of Idaho, M.S., U.S.A., 'Role of seed and soil borne inoculum on the development of *Rhizoctonia* in potato'.
 - c. 3rd place - Jeffrey Davis, Breeding and Genetics, University of Minnesota, Ph.D., U.S.A., 'Identifying resistance to aphids in crosses with somatic fusions of *Solanum tuberosum* L. and *Solanum bulbocastanum*'.
 - d. 4th place (tie) - Karthikeyan Narayanan, Breeding and Genetics, Nova Scotia Agricultural College, M.S., India, 'Gene expression studies on genetic control of after-cooking darkening in diploid potatoes'.
 - e. 4th place (tie) - E. P. Driskill, Jr., Utilization and Physiology, Washington State University, M.S., U.S.A., 'Sweetening responses to unconventional storage temperature regimes in potato tubers of different maturity'.

Respectfully submitted,
Kathy Haynes, Chair
Graduate Student Competition Committee