

Clark-Newman-Clayton Award

This award is in recognition of a person who has made an exceptional contribution to pedigreed seed production in Canada and to Canadian agriculture through research, plant breeding or administration.

The recipient is to choose a Canadian University who will be requested to name a suitable post graduate student to receive a \$2,500 grant from the CSGA. The person chosen by the University must be personally involved in a seed related project of value to seed growers.

This award is named in honour of three men, George Clark, Leonard Newman, and Orrin Clayton who made outstanding contributions to the development and growth of the CSGA. Orrin Clayton's name was added to the award in 2002 when he retired after 43 years with the CSGA.

Clark-Newman

1991 – Mr. Jack Johnson – Nova Scotia Department of Agriculture

1994 – Dr. Keith Downey – University of Saskatchewan – graduate student
Wilhelmina Drost

1996 - Ed McLaughlin – University of Guelph – graduate student, Brenda Cole

1999 – Dr. Ernest Reinbergs- University of Guelph – graduate student, Michelle Beath

Clark-Newman-Clayton Award

2002 – Dr. Al Slinkard – University of Saskatchewan graduate student, Rob Gulden

2005 – Dr. Bryan Harvey – University of Saskatchewan graduate student,
Sherisse Reimer

2007 – Dr. Ronald Depauw – University of Saskatchewan graduate student,
Thomas Zatorski

2009 – Dr. Vernon Burrows – University of Manitoba graduate student, Santosh Kumar

Dr. Vernon Burrows
Ottawa, Ontario



Education: BSA (1951), M.Sc. (1953) University of Manitoba. Ph.D. California Institute of Technology (1958)

Employment: Began professional career as a student summer assistant at U of M (1947-53); progressed to a Research Associate (1953-54); Caltech teaching assistant (1954-58); cereal physiologist, Ottawa (1958-67); oat breeder and Cereal Section Head (1967-68); oat breeder and Chief, Cereal Section, Ottawa (1968-87); program leader ECORC (1987-96) and Research Scientist Emeritus (1997-present). Productivity: Published 104 research papers and five book chapters. Bred and registered 28 new oat varieties (18 covered seeded and 10 hulless). Bred experimental crop “dormoat”, the first high protein oat (Hinoat); the first daylength insensitive oat (Donald); the first forage oat (Foothill); and the first thin hulled oat (Goslin) for food processors. Since retirement he bred the first “bald” seeded oat AC Gehl which is setting a new standard for hulless oats especially in the Cavena, Pavena and Equavena industries.

Administrative Contributions:

Served as Chief, Cereal Section, ECORC for 18 years and was a member of the Expert Committee of Plant Products, Expert Committee on Food, and the Canadian Seed Growers Plant Breeders’ Committee for six years. Volunteer consultant to several Academies of Agricultural Science in different regions of China.

Recognition:

Received : Award of Excellence for Agricultural Voluntarism, AAFC by Hon. Gerry Ritz, Minister of Agriculture and Agri-Food Canada (2007). Awarded the Chinese Friendship Medal by When Jiabao, Premier of China, for his volunteer work (2003). Awarded Oat Improvement Award by the American Oat Workers Conference (1994), Presented Certificate of Recognition for Oat Fractionation in Cereal Processing (1992), Appointed Honourary Life Member, Canadian Seed Growers’ Association(1986), and Awarded Grindley Medal, Agricultural Institute of Canada (1975).

Summary:

Dr. Burrows is recognized as both a national and international authority on oat breeding and utilization. He has served with distinction for many years on a wide variety of provincial and federal committees and has volunteered his services to universities and commercial companies to teach students and improve business initiatives. For his contributions to Canada he was awarded the Order of Canada by Adrienne Clarkson in 2001. Although he is officially retired, he continues to work as a volunteer to improve oats because he is convinced that this highly adapted and nutritious grain will be needed internationally to help feed increasing world populations.

Recipient of the Clark-Newman-Clayton \$2,500 scholarship

Santosh Kumar, PhD student

Winnipeg, Manitoba

Santosh Kumar is a PhD Student with Dr. Rob Hill at the Dept. of Plant Science, University of Manitoba. Originally from India, Santosh completed his Bachelors in Agriculture from Punjab Agricultural University and then joined the prestigious Indian Agricultural Research Institute (IARI), New Delhi as a Graduate student in Plant Physiology with a national fellowship from Indian Council for Agricultural Research. He has won many awards in India and Canada, noticeable among which are ICAR fellowship from his MSc, University of Manitoba Graduate Fellowship for PhD, WOS Meredith Fellowship for barley research, Keystone Symposia Award and many more.

Santosh has done many presentations in India, Canada and US. During his Masters thesis research, Santosh worked on zinc fortification in relation to phyto siderophore production and release by wheat plants. His current research focuses on role of a flowering time regulator gene in regulating seed germination in barley.

Santosh also volunteers for Total Quality Research Foundation (Canada) for arranging Quality related conferences journal publication.