Professional & Technical / Non-Divisional Awards

INTERNATIONAL AWARD KISHIDA



of the plaque, earned worldwide recognition signature appears in the upper-right corner and other publications—in honor of Yoshikuni Kishida, founder of the firm. Kishida, whose in Asia, Africa and Latin America magazine the United States." Initiated in 1978, the award consultation or technology transfer outside programs of education, research, developments, neering mechanization-technological related "recognize outstanding contributions to engi-Japan—publisher of Agricultural Mechanization is endowed by Shin-Norinsha Co., Ltd. of The Kishida International Award serves to

as a result of his pioneering agricultural mechanization developments.

which carries the inscription: "For outstanding contributions toward food which the International character of the award is graphically indicated and on American walnut, the plaque is a metal reproduction of a certificate on and fiber production, improved living, and education of people outside of the United States of America. The award consists of a plaque and a cash award of \$1,000. Mounted

Previous Kishida International Award Winners

Inhn S Ralic	Loyd Johnson	Gerald E. Thierstein	Ravindra N. Kaul	Do Sup Chung	Jaw-Kai Wang	Gajendra Singh	Gilbert L. Corey	Amir U. Khan	Lyle G. Reeser	Bill A. Stout		William J. Chancellor	Byron L. Bondurant	Merle L. Esmay	Emmanuel U. Odigboh	G. Wallace Giles	Bruce H. Anderson	Ralph C. Hay
	2013	2012Radh	2011	2010	2009		2008	2007	2006Ya	2005	2004	2003	2002	2001	2000.	1999	1998	1997

asushi Hashimoto

.....R. Paul Singh

...K.C. Ting

..James W. Jones

.. Ronald T. Noyes ..John L. MerriamBrian G. Sims

..... No Recipient Giuseppe Pellizzi

.... Abdel Ghaly Osamu Kitani

1984.

1983.

1986.. 1985.

1987

1982. 1981. 1980...

1979.

1990. 1989. 1988

1994..

1993.

1992. 1991



DIGVIR S. JAYAS

& Distinguished Professor Vice President Research University of Manitoba

grain storage research and education. standing record of international collaboration in **DIGVIR S. JAYAS, P.E., ASABE FELLOW** Award for his distinguished leadership and outis the recipient of the 2014 Kishida International

systems; and digital image processing for grading and meats; mathematical modeling of biological of Manitoba, Winnipeg, Manitoba, Canada, and and processing operations in the Agri-Food industry atmosphere storage of grains, oilseeds, potatoes, physical properties of agricultural products; modified Ecosystems, conducts research in the areas of formerly the Canada Research Chair in Stored-Grain International), distinguished professor, University and safety worldwide. have positively impacted grain storage, handling, The tools and techniques developed by his research Jayas, vice president (research and

engineers, and mathematicians. He has demonstrated a leader in carrying out interdisciplinary research, he and biological processes to preserve stored grain. As as grains. He has excelled in integrating the physical grains, oilseeds, and legumes, collectively referred to ing, storing, handling, and quality monitoring of cerea ally to manage stored grain. mathematical models that insect movement in bulk has integrated the work of entomologists, agricultural weather data of a location, the models are usable globmodel of a stored-grain ecosystem. By inputting in the development of an integrated mathematical gas, and insect movement in bulk grain and has helped grain can be modelled as diffusion phenomenon. This through experimental studies and by developing nas allowed simultaneous solution of heat, moisture, Jayas is world-renowned for his research on dry

> in the horizontal direction is about one half of the resisvertical airflow dryer, and thus more energy efficient. uses a fan that is one half the capacity of a traditional tally and dries grain more evenly and efficiently, and tion with AgGrowth Industries, that forces air horizon development of a prototype grain dryer, in collaboratance to airflow in the vertical direction. This led to the tally that the resistance to airflow through bulk grain Jayas was the first to demonstrate experimen-

have been incorporated in standards of ASABE and 105 invited presentations. Results of his research more than 700 refereed journal articles, conference of the profession, having authored or coauthored proceedings, technical publications, book chapters, Jayas has contributed greatly to the literature

recently appointed a member of the Natural Sciences ous engineering scientific and honorary societies, 11 other organizations. Jayas is a member of numera Paper award and the Young Researcher award. He of Trustees. He has served as associate editor of committees; the Membership Development and and Information and Electrical Technologies division and Engineering Research Council of Canada serves on the boards of various organizations, and was was named an ASABE Fellow in 2005 and is a Fellow in Congress, Mumbai, India. His ASABE awards include recently was inducted as Foreign Fellow of the Nationa honors from professional organizations and most Publication councils; E-08 Fellows; and the Board leadership to Food Process Engineering Institute Academy of Sciences, India, and received an Education Agriculture. He has received numerous awards and Transactions of the ASABE and Applied Engineering in eadership award presented at the World Education A 31-year member of ASABE, Jayas has provided

Vilas M. Salokhe າey Lal Kushwaha ...Rabi H. Mohtai Wayne Clyma Fedro S. Zazueta