

New Officers of the American Dairy Science Association

Gary Hartnell

Born in Wisconsin and raised on a general livestock farm, Gary F. Hartnell received his BS degree (chemistry) in 1973 from the University of Wisconsin–Parkside.



He received his MS and PhD degrees (dairy science) from the University of Wisconsin–Madison in 1975 and 1977, respectively. From 1977 through 1983, Hartnell managed the dairy research program and, for 2 years, the beef research program for Wayne's Feed Division of the Continental Grain Company.

From 1983 until present, Hartnell has been employed by Monsanto Com-

pany, St. Louis, MO, where he has been actively involved in biotechnology. During this time, he successfully orchestrated research encompassing nutritional composition, milk quality, milk manufacturing characteristics, and clinical efficacy trials pertaining to bovine somatotropin. Hartnell provided global animal nutrition leadership for all of Monsanto's R&D somatotropin projects, which led to the approval and successful adoption of bST for dairy cattle in the United States. Presently, Hartnell is responsible for evaluating genetically modified crops and their co-products in animal feeding studies worldwide for regulatory, industry, and consumer acceptance. Hartnell is a senior fellow within Monsanto. His mission is to help make the livestock enterprise more efficient and productive through better nutrition, health, and management resulting in higher quality and quantity of affordable products for human consumption, better utilization of resources, and a better environment.

Hartnell has been a member of ADSA and American Society of Animal Science for more than 30 years and a member of Dairy Shrine and Sigma Xi since the mid-1970s. He has served on the Dairy Livestock committee (ASAS), Feeding and Management Committee (ADSA), AFIA Award Committee (ADSA), various ad hoc committees (ASAS, ADSA), Contemporary Issues Committee (ASAS, ADSA), Biotechnology Committee (FASS), represented ADSA to Fair 2002, member of the Production Division Council (ADSA), nominating committee (ADSA), and Board of Directors (ADSA). He is a member

of the American Registry of Professional Animal Scientists, a Charter Diplomate of the American College of Animal Nutrition (served on the Board of Directors) and has been a reviewer for the *Journal of Dairy Science* and *Professional Animal Scientist*. He has given presentations at nutrition conferences, feed industry conferences, scientific forums, and producer and commodity group events in Asia, Europe, Africa, South America, and North America. He has authored or co-authored more than 86 abstracts, 66 scientific journal articles, 4 book chapters, and 93 popular press, symposia, and conference articles.

Hartnell's vision for ADSA includes 1) a vibrant organization whose members are active in dairy science from the farm to the table; 2) a viable strategic plan with goals and tactics; 3) a world-class journal and scientific meetings for the dissemination of knowledge; 4) an active growing membership; 5) a premier organization that is regarded and sought after as the experts in dairy science by the public; 6) an organization providing benefits to academia, industry, international members, and stakeholders; and 7) a financially healthy organization.

James Drackley

Jim Drackley is professor of animal sciences and nutritional sciences at the University of Illinois at Urbana-Champaign. He grew up on a small Guernsey dairy farm



in southwestern Minnesota, and earned his BS in dairy production (with a chemistry minor) and his MS in dairy science from South Dakota State University. He earned his PhD in nutritional physiology from Iowa State University in 1989. His doctoral research dealt with mechanisms of development of fatty liver and ketosis. Dr. Drackley joined the faculty of the University of Illinois in May 1989, where he has

established an active research program that uses basic science approaches to address problems of practical importance to the dairy industry. His research has centered on nutrition and metabolism of dairy cows during the dry period and transition period, metabolism in the liver of dairy cows, lipid utilization and metabolism in domestic animals, factors affecting fatty acid composition of

bovine milk fat, and aspects of calf nutrition and management. James Drackley has edited 2 books and written 1 book, 7 book chapters, 87 scientific articles in refereed journals, and more than 200 abstracts, technical reports, articles in conference proceedings, and popular press articles. He has trained more than 20 graduate students and advises 12 to 20 undergraduate students. He teaches undergraduate and graduate courses in ruminant nutrition and physiology in the Department of Animal Sciences, and a course in intermediary metabolism in the Nutritional Sciences program.

Dr. Drackley has been an active member of ADSA since joining as a graduate student in 1982. He has served as vice-chair and chair of the Production Division, as well as secretary-treasurer, vice-president, and president of the Midwest Branch of ADSA. He chaired the Journal Management Committee for 2 years during a difficult time of transition for ADSA and its journal. He also served as member and chair of the Health committee of the Production Division, as well as selection committees for the Purina Mills Teaching Award, the Agway Young Scientist Award, the Foundation Scholar Award, and the AFIA Nutrition Research Award. Drackley was awarded the 1997 Agway, Inc. Young Scientist Award from ADSA, the 1998 Young Scholar Award from the ADSA Foundation, and the 2002 American Feed Industry Award for Excellence in Dairy Cattle Nutrition Research from ADSA. He was honored with the 1998 College Award for Excellence in Research from the University of Illinois College of Agricultural, Consumer and Environmental Sciences, and the 2000 Mitchell Award for Excellence in Graduate Teaching and Research from the Department of Animal Sciences at the University of Illinois. Dr. Drackley is a member of several other professional and honorary societies, including the American Society of Animal Science and the American Society for Nutritional Sciences. Drackley resides in Champaign, Illinois, with his wife and three sons.

Robert F. Roberts

Robert F. Roberts is associate professor in the Food Science Department at The Pennsylvania State University. He received his BS in dairy technology from the University of Vermont (1984), an MS in dairy science from South Dakota State University (1986), and a PhD in food science from the University of Minnesota (1991). He joined the faculty at The Pennsylvania State University in 1991 with a 70% teaching and 30% research appointment. From 1991 until 2000, Roberts taught a number of courses including Introduction to Food Science, Introduction to Food Science Practicum, Food Chemistry Laboratory, Chemical Methods of Food Analysis, and Science and Technology of Dairy Products Processing.

During this time, he also served as Undergraduate Program Coordinator for food science majors (approximately 100 students). In 1999, Roberts became director of the Penn State Ice Cream short course and the Penn State Pasteurizer Operator's Workshop. In 1999, he founded



the Penn State Cultured Dairy Products short course. In 2001, Dr. Roberts' appointment was changed to 20% teaching, 35% extension, and 45% research. He continues to teach Science and Technology of Dairy Products, direct short courses, and conduct research. Dr. Roberts has also assumed responsibility for dairy manufacturing-related extension activities. Bob Roberts' research has focused on the

microbiology and technology of fermented dairy products with an emphasis on exopolysaccharide production by *Lactobacillus delbrueckii* ssp. *bulgaricus*. In addition, he has conducted research to evaluate the potential of colicins as bio-preservatives for use in dairy foods. Currently, research in his laboratory is focused on the development of rapid molecular methods for characterizing probiotic bacteria isolated from dairy foods. In addition, he is participating in collaborative research efforts to develop strategies to stabilize dairy products containing omega-3 fatty acids. He has served as adviser to the Penn State Food Science Club since 1992 and as coach of the Penn State College Bowl Team since 1993. In 2000, Roberts became coach of the Penn State Collegiate Dairy Products Evaluation Team. In recognition of his service to students, Bob Roberts received the College of Agricultural Sciences Alumni Society Academic Advising Award (May 2000). He is a member of the Institute of Food Technologists, the International Association for Food Protection, and the Pennsylvania Association of Milk, Food, and Environmental Sanitarians. He has been a member of ADSA since 1982 and has served the association in a number of capacities including judge for the graduate research paper competition [1993, 1994, 1995 (Chair)], reviewer for the Milk Industry Foundation Teaching Award (1997), reviewer for the Kraft Foods Teaching Award (1998), and member of the Richard Hoyt Award Committee [1999, 2000, 2001 (Chair)]. In addition to his service to ADSA, Dr. Roberts is a past president of the Dairy Foods Division and is a current member of the Constitution and By-Laws Committee of the Institute of Food Technologists.