

**ADSA Midwest Branch  
2009 Officer Nominations  
Candidate for Secretary-Treasurer**

**Kenneth F. Kalscheur**

**Kenneth Kalscheur** was raised on a Wisconsin dairy farm and attained his BS degree in dairy science from the University of Wisconsin-Madison. He later went on to complete MS and PhD degrees in animal sciences from the University of Maryland. Professionally, he served as a research and teaching assistant at the University of Maryland in the Department of Animal and Avian Sciences from 1994 to 2000 before he became assistant professor at South Dakota State University in the Dairy Science Department, where he currently continues his career. He was promoted to associate professor in 2006. In 2007, he was an exchange professor at Chungnam National University, Dairy Science Department, Daejeon, South Korea, teaching courses in dairy science. At South Dakota State University, Kalscheur has taught Introduction to Dairy Science, Dairy Cattle Feeding, Dairy Herd Management, and Ruminology.

His primary research focus is to investigate the effect of diet formulation and dairy herd management strategies to reduce nutrient excretion and improve nutrient utilization in lactating dairy cows and growing dairy heifers. This research has included the utilization of distillers grains and other ethanol co-products in dairy cow diets. Research with distillers grain has shown that it can be successfully preserved for extended periods of time and that wet and dried distillers grains can be successfully included in dairy cattle diets. Thus far, research has resulted in authorship or co-authorship of 29 refereed journal articles, 67 research abstracts, and 46 extension and popular press articles.

Kalscheur is a member of ADSA, ASAS, and ARPAS. He has served as an ad-hoc reviewer for the *Journal of Dairy Science*, *Journal of Animal Science*, *The Professional Animal Scientist*, and *Animal Feed Science and Technology*. He is South Dakota State University's representative to the NC-1042 regional research committee, Management Systems to Improve Economic and Environmental Sustainability of Dairy Enterprises. Relative to service to the Midwest Branch of ADSA and Midwestern Section of ASAS, Kalscheur has served on the board as director-at-large (2006-2007), as chair of the Ruminant Nutrition Committee (2006), as member of the Ruminant Nutrition Committee (2004-2006), as member of the Undergraduate Competitive Research Paper Committee (2002-2004), and has chaired numerous oral presentation sessions.

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**Elizabeth L. Karcher**

**Elizabeth L. Karcher** is currently a dairy academic specialist in the Department of Animal Science at Michigan State University. She grew up in Bucks County, Pennsylvania, and obtained her BS degree in 2002 from Pennsylvania State University with a major in animal bioscience. Karcher then obtained her MS degree in animal science from Purdue University in 2004. In 2007, she received her PhD from Iowa State University with majors in nutritional science and immunobiology. The major emphasis of her PhD research was to obtain information that would lead to a better understanding of host immunity of dairy cattle that are infected with *Mycobacterium avium* ssp. *paratuberculosis*, the causative agent of Johne's disease. She was chosen to be a keynote speaker at the 9th International Colloquium on Paratuberculosis held in Tsukuba, Japan. In 2006, Karcher was awarded an Iowa Farm Bureau Graduate Fellowship.

Upon completion of her PhD in December 2007, she began a postdoctoral position in the Department of Large Animal Clinical Sciences at Michigan State University. In August 2008, Karcher joined the Department of Animal Science at Michigan State University. She is currently involved in teaching, advising, and curriculum development for both the four-year program and the Ag Tech Dairy Management Program. She teaches courses in dairy feed management and advanced dairy management, assists in coaching the Regional and National Dairy Challenge teams, and advises the Michigan State University Dairy Club.

Karcher is a member of the ADSA, American Association of Veterinary Immunologists, and the American Society for Nutrition. She has received numerous awards including the Alltech Graduate Publication Award, Midwest ADSA Young Dairy Scholar, and both the University Teaching Excellence Award and University Peer Teaching Award from Iowa State University. She has authored six refereed journal articles, eight abstracts, and three industry reports.

**ADSA Midwest Branch  
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Candidate for Director**

**Barry J. Bradford**

**Barry Bradford** is an assistant professor of animal sciences and industry at Kansas State University. After earning BS and PhD degrees at Iowa State University and Michigan State University, respectively, he began his career at Kansas State University in 2006 with a research and teaching appointment in dairy cattle nutrition and metabolism. Bradford oversees an active research program focused on uses of alternative feedstuffs in dairy nutrition, transition cow health, and physiological regulation of carbohydrate and lipid metabolism. He also teaches over 150 students each year as an instructor in 3 undergraduate courses and currently serves as an advisor for the Dairy Science Club and the Graduate Student Association.

Bradford has authored or co-authored 13 refereed publications, 18 abstracts, and 16 conference proceedings and extension publications, and he was awarded the 2007 Richard M. Hoyt Graduate Research Award from ADSA. He currently serves as a member of the ruminant nutrition program committee for the Midwest meeting.

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Candidate for Director**

**Paul J. Kononoff**

Paul Kononoff is a native of Saskatoon, Saskatchewan, Canada. Paul holds a BSA and a MSc in animal science from the University of Saskatchewan (Saskatoon, Saskatchewan, Canada) and a PhD in dairy nutrition from Pennsylvania State University (University Park). A dairy nutritionist, he has industry experience as a technical support specialist for renaissance nutrition (Roaring Spring, Pennsylvania) and as a project director of the Ruminant Feed Analysis Consortium, formally located at the University of New Hampshire (Durham). Kononoff is currently an assistant professor of dairy nutrition at the University of Nebraska-Lincoln.

Kononoff's research to date has focused on feed characterization and understanding the relationships between fiber quality and ruminal fermentation in lactating dairy cattle. Over the past several years, he has studied manipulations of forage particle size and cell wall lignification and evaluated these effects on feed efficiency, milk production, composition, and rumen fermentation. More recently, Kononoff has investigated ration formulation methods that seek to maximize the inclusion of corn milling co-products while sustaining normal milk production. He is also a co-inventor of the Penn State Forage and TMR Particle Size Separator.

Kononoff is a member of ADSA, Sigma Xi, and Nebraska State Dairy Association. He is also a member of the following committees: ASAS/ADSA Ruminant Nutrition Annual Program Committee, DAIReXNET: Nutrition of Milking and Dry Cows, and NC1042: Management Systems to Improve the Economic and Environmental Sustainability of Dairy Enterprises (Rev. NC-1119). Kononoff has authored and co-authored several journal articles.