

**ASAS Midwestern Section
2010 Nominations
Candidates for ASAS Midwest President-Elect**

John F. Patience

John F. Patience is associate professor in the Department of Animal Science at Iowa State University. He earned his BSc (Agr) in animal science and MSc in animal nutrition from the University of Guelph and his PhD in nutritional biochemistry from Cornell University. After two years as a visiting fellow at the Animal Research Centre in Ottawa, he joined the University of Saskatchewan, where he was appointed director of the Prairie Swine Centre. In 1992, Patience oversaw its reorganization as a nonprofit corporation and was appointed its first president and chief executive officer. In the two ensuing decades, the Centre grew from 7 staff to more than 50 full- and part-time staff and students. In 2008, he joined Iowa State University with an appointment in research (65%) and extension (35%).

Patience's current research program has three themes: energy metabolism, ingredient evaluation and swine feeding and management. During his career, he has authored or coauthored 60 refereed journal articles, 12 books and book chapters, 112 abstracts, 126 conference proceedings, and 176 other miscellaneous publications. He has given 268 presentations to academic and industry conferences throughout North and South America, Europe, and Asia and consults broadly in the area of swine nutrition. He is a member of both Sigma Xi and Gamma Sigma Delta.

Patience has been a member of ASAS since 1978 and has served the society in a number of capacities, including member of the Early Career Achievement Award, member of the editorial board of the *Journal of Animal Science* for three terms, and chair of the Midwestern Section Non-Ruminant Nutrition Program Committee. He also served the Canadian Society of Animal Science as president, vice-president, director, and chair of the Honours and Awards Committee. Patience is a past recipient of the ASAS Non-Ruminant Nutrition Research Award and the CSAS Award for Excellence in Nutrition or Meat Science, and he received Lifetime Achievement Awards from the Saskatchewan Pork Development Board and the Alberta Pork Congress.

John "Scott" Radcliffe

John "Scott" Radcliffe is an associate professor in the Animal Sciences Department at Purdue University. At Virginia Tech in the Department of Animal and Poultry Sciences, he received a BS, and an MS and PhD supervised by E. T. Kornegay and, after his untimely passing, by Joseph Fontenot. During his MS program, Radcliffe spent six months in Holland working with Jongbloed, Mroz, and Kemme in the area of environmental nutrition. After completing his PhD, Radcliffe was hired as a faculty member at Virginia Tech. Radcliffe joined the faculty in the Animal Sciences Department at Purdue University in 2001 and was promoted to the rank of associate professor in 2007. He has a primary research appointment and focuses on environmental nutrition in swine. Signature areas in his laboratory include 1) enhancing the efficiency of mineral digestibility and absorption, 2) reducing nutrient excretion and improving air quality in swine production facilities, and 3) determining mechanisms regulating active mineral absorption. The primary goal of his research is to improve swine production efficiency and to minimize

nutrient excretion from swine. His research ranges from applied on-farm experiments to basic experiments involving modified Ussing chambers and analysis of gene and protein expression.

Radcliffe has authored or coauthored 27 refereed manuscripts, 2 book chapters, 73 abstracts, and 18 proceedings papers. He has presented 7 invited talks in the state, 13 nationally, and 12 internationally. Since joining Purdue, he has advised 4 MS, 2 PhD, and 1 postdoctoral student; has served on the advisory committee of 10 MS and 4 PhD students; and is currently advising a PhD and an MS student. He has obtained over 2.4 million dollars in funding while at Purdue, including a \$460,000 USDA-NRI grant to study nutrient excretion and air emissions from swine buildings. He was a recipient of the College of Agriculture Dean's Team Award in 2005 and 2009. Radcliffe was also awarded the Department of Animal and Poultry Sciences Outstanding Recent Alumnus Award and the College of Agriculture and Life Sciences Outstanding Recent Alumnus Award from Virginia Tech in 2009. Radcliffe is a key leader with the 5-State Swine Nutrition Group, which hosts the 5-State Swine Nutrition Conference annually. He has chaired numerous ASAS paper sessions, is a member of the nonruminant nutrition committee for ASAS, was a member of the program committee for the 2009 ASAS Pacific Rim Conference, and is serving as an associate editor for the *Journal of Animal Science*. Radcliffe teaches the Applied Animal Nutrition course in which students learn how to formulate diets, apply current research information to real-world production situations, and conduct all aspects of a research experiment using broiler chickens. He has also taught significant portions of two graduate courses: Current Topics in Growth and Development, and Monogastric Nutrition.