

# VITA

## I. Personal Data

Name: Daniel G. Morrical  
Employer: Premier 1 Supplies, Washington, Iowa  
Address: 221 3<sup>rd</sup> Street, SE, Hampton, Iowa.

## II. Education

Ph.D.	New Mexico State University (Las Cruces)	1984
M.S.	New Mexico State University (Las Cruces)	1982
B.S.	Purdue University (West Lafayette)	1977

## III. Professional Academic Experience

Dr. Morrical was born in Hartford City, Indiana, April 23, 1955.

He joined the Iowa State University staff in 1984 as Extension Sheep Specialist after completing his doctorate degree at New Mexico State University. He now holds the rank of Full Professor as of July 1, 1995. Retired September, 2017,

During his Iowa State University career, he has been responsible for educational programs in all areas of sheep production, ranging from wool, genetics, nutrition and marketing. In addition, Dr. Morrical has been the principal researcher with sheep flock at the McNay Research Farm located in Chariton, IA.

Research areas have focused on applied research in the areas of nutrition, forage utilization, genetics, out of season breeding and lamb survival. He currently serves as Iowa State University representative to NCERA 214 Project Increasing the Efficiency of Sheep Production. Dr. Morrical has been heavily involved as co-director of the National Sheep Improvement Program. This competitive grant was awarded to Iowa State University in February of 1987. This program offers all sheep producers in the United States an opportunity to increase their profitability and competitiveness by identifying and selecting genetically superior individuals in their flocks.

He has been the co-author of 30 refereed journal articles, 89 extension publications, 41 experiment station reports along with 61 Extension Handouts and News Releases. Popular press articles and news releases have been published throughout the United States in magazines such as Sheep Breeder and Sheepman, Sheep! and Shepherd. Dr. Morrical delivers 25-30 producer education presentations annually with 3-5 being out of state invited presentations.

He has served the Animal Science Department as Farm Coordinator from 2002 through 2013. This involved oversight of three swine units, two beef units, two dairy units along with poultry, horse and sheep units. Additionally, he served on the department planning coming for development of the new ISU dairy farm opened in 2007. Other institutional service included serving on the Institutional Animal Care and Use committee from 2002-2012, serving two terms as chair from 2006 through 2012.

Dr. Morrical grew up in Indiana on a small crop and livestock farm. He worked on many different farm units in high school and college. Post-graduation from Purdue he managed a 200 sow confinement swine operation that include facility construction initially along with seed stock procurement for this unit.

#### **IV. ISU Personnel Record**

Full Professor	July 1995 to date
Associate Professor	July 1989 to June 1995
Assistant Professor	1984 to 1989

#### **V. Industrial and other Professional Experience**

Part time employee with Premier 1 Supplies

#### **VI. Professional Activities**

- 1 - American Society of Animal Science
- 2 - Sigma Xi
- 3 - Nutritional Sciences Council

#### **VII. Awards and Honors**

Outstanding Achievement in Extension Award, 2016, College of Agriculture  
 Outstanding Achievement in Extension Award, 2016, Iowa State University

#### **VIII. Graduate Students**

Served on the graduate committee of nine MS students.

#### **IX. Responsibilities**

A. ANS 429 Sheep Production, spring 2007-2016, 2001 and 2002, VDPAM 480 Small Ruminant Production, August 1997-2003.

##### **B. Research**

Serves as Iowa State University's official representative to NCREA 190 Committee on Increasing Efficiency of Sheep. Primary research efforts have been in areas of applied nutrition, genetics, forage utilization, out of season breeding and lamb survival. He also serves as a co-investigator with Dr. Russell on Grazing and Water Quality Studies

##### **C. Extension**

Provide technology transfer to Iowa's 4,500 sheep operations. This is accomplished through extension publications (print and video), news releases, radio interviews, meetings and direct contacts by phone or farm visits. Since 1998 outreach has utilized ICN for monthly sheep producer meetings. Serve as editor and primary subject matter provider for the Iowa Lamb and Wool newsletter. This newsletter is distributed monthly to over 600 producers or industry related contacts. Serve as university representative to various sheep organizations in the state. Additionally, efforts in grazing management for all species have become an additional responsibility along with interfacing with the Iowa Beef Center.

##### **D. Service**

Dr. Morrical has served as the IACUC Chair from 2006-2012. He also is the Animal Science Department Farm Coordinator (2002-2013). He serves as the Departments Extension Liaison with the ANR Extension Director. Lastly, he served on the DEO advisory committee.