

**2008 NATIONAL SWINE IMPROVEMENT FEDERATION  
ANNUAL CONFERENCE AND SYMPOSIUM  
DECEMBER 4-5, 2008  
EMBASSY SUITES, 10 CENTURY BOULEVARD  
NASHVILLE, TENNESSEE**

Wednesday, December 3 NSIF Board of directors meeting at 7:30 P.M.  
Embassy Suites Hotel – Georgia Room

Thursday, December 4  
8:00-8:30 Registration

**JOINT SESSION  
Tennessee/Virginia Room  
President, Dr. Doug Newcom, Moderator**

- 8:30 Tennessee welcome and update on the joint biofuels initiative of the University of Tennessee, the Oak Ridge National Laboratory and DuPont.  
**Dr. Joe DiPietro**, Vice President for Agriculture, the University of Tennessee
- 9:00 Improving Genetic Predictions for Dairy Cattle Using Phenotypic and Genomic Information.  
**Dr. Paul Van Raden**, USDA-ARS Research Geneticist, Animal Improvement Programs
- 10:00 Break
- 10:30 Litter size and birth weight impact on post weaning performance.  
**Dr. George Foxcroft**, Professor and Leader, Swine Reproduction-Development Program, Co-Director of the “EmbryoGENE” Strategic Research Network, Agricultural, Food and Nutritional Science/Alberta Veterinary Research Institute, University of Alberta, Canada
- 11:30 Graduate Student Presentation
- 12:00 Lunch- Hotel

1:00 pm **BREAKOUT SESSION I**

- 1:15 The Genetic and Biological Basis of Residual Feed Intake in Pigs  
**Dr. Jack Dekkers**, Professor and Section Leader, Animal Breeding and Genetics, Iowa State University
- 2:00 New Feeding Resources and Feeding Challenges  
**Dr. John F. Patience**, Associate Professor, Applied Swine Nutrition, Iowa State University
- 2:45 Break
- 3:00 Genetic Evaluation of Longevity Traits  
**Dr. Ken Stalder**, Associate Professor, Swine Genetics, Iowa State University
- 3:45 Nutrition to Maximize Production of the High Producing Sow  
**Dr. Joel DeRochey**, Associate Professor / Swine Nutrition, Kansas State University

4:30 **BACK TO GENERAL SESSION**

1:00 PM **BREAKOUT SESSION II**

- 1:15 Measuring Environmental Sensitivity with Reaction Norms.  
**Dr. Scott Newman**, Geneticist, PIC North America, Hendersonville, Tennessee
- 2:00 Genetic Relationships among measurements of pig behavior, growth and survival.

**Dr. Joe Cassidy**, PAS, Associate Professor, North Carolina State University

2:45 Break

3:00 Pig's Immune responses to PRRSV and PCV2 are heritable: Selection for greater resistance/tolerance is possible.  
**Dr. Rodger Johnson**, Omtvedt Professor, Swine Breeding, University of Nebraska

3:45 Associations of Structural Soundness Traits with the Ability of Commercial Sows to Complete Three Parities  
**Marja Nikkila**, Vantaa, Finland. Graduate Student, Iowa State University

4:30 **BACK TO GENERAL SESSION**

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**4:30 Future of NSIF**  
**Todd See, Doug Newcom, and Dale Miller**

**5:00 30 minute break**

5:30 Load Busses for Stockyards Restaurant

6:00 Awards Dinner Stockyards Restaurant

**FRIDAY, DECEMBER 5**

**8:00 to 9:00**

Time for NSIF committee meetings

**GENERAL SESSION**  
**Tennessee/Virginia Room**

9:00 Swine Genetic Challenges of the Future  
**Dr. Max Rothschild**, C.F.Curtiss Distinguished Professor in Agriculture, M.E. Ensminger International Chair, Director of Center for Integrated Animal Genomics, US Pig Genome Coordinator, Iowa State University

10:00 Break

**ROUNDTABLE**

**Dale Miller, National Hog Farmer, Moderator**

10:30 Roundtable Discussion of Genetic Challenges of the future and possible solutions

**Dr. George Foxcroft**, the University of Alberta

**Dr. Scott Newman**, PIC North America

**Dr. Clint Schwab**, National Swine Registry

**Dr. Archie Clutter**, Newsham Choice Genetics

**Dr. Ron Bates**, Michigan State University

12:00 Lunch for all and Post Conference NSIF Board of Directors Meeting