

Lawrence R. Schaeffer
Invited Papers

- 1 Schaeffer, L. R. 1979. Estimation of variance and covariance components for average daily gain and backfat thickness in swine. Henderson Conference, Ithaca, NY - July 16-17.
- 2 Schaeffer, L. R. 1983. Sire and cow evaluation under multiple trait models. ADSA, Madison, WI.
- 3 Schaeffer, L. R. 1990. The Legacy of C. R. Henderson: Contributions to prediction of genetic merit. ADSA, Raleigh, NC.
- 4 Schaeffer, L. R. 1990. Problems in estimating covariance matrices in multitrait animal models. 4th WCGALP, Edinburgh.
- 5 Schaeffer, L. R., R. Reents, and J. Jamrozik. 1995. Factors influencing international comparisons of dairy sires. ADSA, Ithaca, NY.
- 6 Schaeffer, L. R., F. S. Schenkel, and L. A. Fries. 1998. Selection bias in animal model evaluations. 6th WCGALP, Armidale.
- 7 Schaeffer, L. R., J. Jamrozik, G. J. Kistemaker, and B. J. Van Doormaal. 1999. Experience with a test day model. ADSA, Memphis, TN.
- 8 Schaeffer, L. R. 2002. Random regression models in animal breeding. ADSA, Quebec City, PQ.
- 9 Schaeffer, L. R. 2008. Update on genomics in dairy cattle in North America. Interbull, Niagara Falls, NY.

Lawrence R. Schaeffer
At Scientific Meetings
1970-1975

- 1 Schaeffer, L. R. and C. R. Henderson. 1971. Effects of days dry and days open on Holstein milk production. ADSA, East Lansing, MI.
- 2 Schaeffer, L. R. and E. B. Burnside. 1974. Survival rates of tested daughters of sires in artificial insemination. ADSA, Guelph, ON.
- 3 Schaeffer, L. R., M. G. Freeman, and E. B. Burnside. 1974. Evaluation of Ontario Holstein dairy sires for milk production. ADSA, Guelph, ON.
- 4 Nicholson, H. H., L. R. Schaeffer, M. G. Freeman, and E. B. Burnside. 1974. Usefulness of later records in dairy sire evaluation. ADSA, Guelph, ON.
- 5 Schaeffer, L. R. and J. W. Wilton. 1974. Application of BQUE to beef growth traits. ASAS, College Park, MD.
- 6 Schaeffer, L. R. and J. W. Wilton. 1974. Beef sire evaluation using progeny records. ASAS, College Park, MD.
- 7 Schaeffer, L. R. and J. W. Wilton. 1974. Comparison of age of dam factors for beef. ASAS, College Park, MD.
- 8 Schaeffer, L. R. and J. W. Wilton. 1974. Beef sire evaluation using progeny records. CSAS, Quebec City, PQ.
- 9 Schaeffer, L. R. and I. L. Mao. 1975. Problems in estimating genetic parameters in dairy cattle. I. Disconnectedness among subclasses. ADSA, Manhattan, Kansas.
- 10 Mao, I. L. and L. R. Schaeffer. 1975. Problems in estimating genetic parameters in dairy cattle. II. Adjusting production records for herd differences. ADSA, Manhattan, Kansas.
- 11 Everett, R. W., W. D. Slinger, L. R. Schaeffer, and C. R. Henderson. 1975. Results from use of the relationship matrix in sire evaluation. ADSA, Manhattan, Kansas.
- 12 Henderson, C. R. and L. R. Schaeffer. 1975. Computational methods for incorporating relationships in sire evaluation. ADSA, Manhattan, Kansas.
- 13 Tong, A. K. W., J. W. Wilton, and L. R. Schaeffer. 1975. Sire proofs for ease of calving in Charolais. CSAS, Brandon, Manitoba.

Lawrence R. Schaeffer
At Scientific Meetings
1976-1980

- 14 Schaeffer, L. R., L. P. Johnson, and E. B. Burnside. 1976. Changes in sire proofs when genetic differences among regions and the genetic relationships among sires are omitted from the model. ADSA, Raleigh, NC.
- 15 Schaeffer, L. R., C. E. Minder, I. McMillan, and E. B. Burnside. 1976. Non-linear techniques for predicting 305-day lactation production. ADSA, Raleigh, NC.
- 16 Tong, A. K. W., J. W. Wilton, and L. R. Schaeffer. 1976. Simultaneous estimation of variance and covariance components between male and female growth traits in beef cattle. CSAS,
- 17 Murray, B. B., L. R. Schaeffer, and E. B. Burnside. 1977. Estimation of breeding values for non-return rates of Canadian Holstein-Friesian sires. ADSA, Ames, Iowa.
- 18 Schaeffer, L. R., M. S. Hunt, G. C. Smith, and E. B. Burnside. 1977. Sire evaluation for conformation of Canadian Holstein-Friesians. ADSA, Ames, Iowa.
- 19 Johnson, L. P., E. B. Burnside, and L. R. Schaeffer. 1977. Fixed genetic differences among Holstein bulls and their mates. ADSA, Ames, Iowa.
- 20 Batra, T. R., L. R. Schaeffer, and L. P. Johnson. 1977. Genetic trends for production traits in Canada. ASAS, Madison, WI.
- 21 Burnside, E. B., H. M. Stewart, and L. R. Schaeffer. 1977. Effectiveness of corrective mating for conformation. CSAS, Guelph, ON.
- 22 Schaeffer, L. R. and H. Song. 1978. Selection bias and REML variance-covariance component estimation. ADSA,ASAS, East Lansing, MI.
- 23 Schaeffer, L. R., H. Song, and J. W. Wilton. 1978. Effects of preferential mating on beef sire proofs for growth and calving ease. ADSA,ASAS, East Lansing, MI.
- 24 Burnside, E. B., L. R. Schaeffer, and H. Tedford. 1978. A bull performance indexing procedure for average daily gain and weight per day of age. ADSA,ASAS, East Lansing, MI.
- 25 Elofson, L., B. Danell, J. A. Eriksson, O. Danell, and L. R. Schaeffer. 1978. Genetic progress in milk production in the Swedish dairy populations. EAAP, Stockholm.
- 26 Hudson, G. F. S., L. R. Schaeffer, and J. W. Wilton. 1979. Optimization of the design of beef bull progeny testing programs. ASAS, Tuscon, Arizona.

Lawrence R. Schaeffer
At Scientific Meetings
1981-1985

- 27 Schaeffer, L. R. 1981. Genetic differences among herds for milk yields. CSAS, St. Catharines, ON.
- 28 McClelland, L. A., E. B. Burnside, L. R. Schaeffer, and C. B. Williams. 1981. A national sire evaluation scheme for total milking time. CSAS, St. Catharines, ON.
- 29 Song, H., J. W. Wilton, and L. R. Schaeffer. 1981. Estimation of repeatability for beef cow-calf efficiency and related traits. ASAS, Raleigh, NC.
- 30 Kennedy, B. W., K. Johansson, and L. R. Schaeffer. 1982. Heritabilities and genetic correlations for growth rate and backfat in performance tested pigs. ASAS, Guelph, ON.
- 31 Burnside, E. B., L. R. Schaeffer, and B. W. Kennedy. 1982. Design, structure and economics of a national dairy cattle improvement scheme. 2nd WCGALP, Madrid, Spain.
- 32 Kemp, R. A., L. R. Schaeffer, and J. W. Wilton. 1983. Comparing beef sire evaluation models for an organized progeny test. ASAS, Pullman, Washington.
- 33 Robinson, J. A. B., J. W. Wilton, and L. R. Schaeffer. 1983. Simulated genetic progress from a microcomputer beef records system. CSAS, Truro, Nova Scotia.
- 34 Van Doormaal, B. J. and L. R. Schaeffer. 1984. Estimation of genetic parameters for stayability in Canadian Holsteins. ADSA, College Station, Texas.
- 35 Dwyer, D. and L. R. Schaeffer. 1984. Comparison of direct and direct-maternal evaluation of sires for calving ease in Holsteins. ADSA, College Station, Texas.
- 36 Schaeffer, L. R. 1985. International comparison of dairy sires - some comments. ADSA, Champaign, Illinois.
- 37 Van Doormaal, B. J., E. B. Burnside, and L. R. Schaeffer. 1985. Prediction of Holstein sire proofs for stayability in various Canadian milk recording programs. CSAS, Charlottetown, P.E.I.

Lawrence R. Schaeffer
At Scientific Meetings
1986-1990

- 38 Sullivan, B. P., B. W. Kennedy, and L. R. Schaeffer. 1986. Heritabilities, repeatabilities and correlations for milk, fat, and protein yields in dairy goats. ADSA, Davis, CA.
- 39 Schaeffer, L. R. and B. W. Kennedy. 1986. Computing solutions to mixed model equations. 3rd WCGALP, Lincoln, NE.
- 40 Kennedy, B. W., G. F. S. Hudson, and L. R. Schaeffer. 1986. Evaluation of genetic change in performance tested pigs in Canada. 3rd WCGALP, Lincoln, NE.
- 41 Raheja, K. L., E. B. Burnside, and L. R. Schaeffer. 1987. Relationship between fertility and production traits in Holstein dairy cattle in different parities. ADSA, Columbia, Missouri.
- 42 Nadarajah, K., E. B. Burnside, and L. R. Schaeffer. 1987. Estimation of genetic parameters and sire proofs for bull fertility using information from breeding and production data. ADSA, Columbia, Missouri.
- 43 Nadarajah, K., J. W. Wilton, and L. R. Schaeffer. 1987. Direct and maternal genetic evaluations of beef cattle for weaning weight. CSAS, London, ON.
- 44 Nadarajah, K., J. W. Wilton, and L. R. Schaeffer. 1987. Across and within herd direct and maternal genetic evaluations of beef cattle for weaning weight. CSAS, London, ON.
- 45 Gibson, J. P., B. W. Kennedy, L. R. Schaeffer, and O. I. Southwood. 1988. Gametic models for estimation of autosomally inherited genetic effects that are expressed only when received from either a male or female parent. ADSA, Edmonton, AB.
- 46 Moore, R. K., B. W. Kennedy, and L. R. Schaeffer. 1988. Estimation of genetic parameters of feed intake and production using milk recording data. ADSA, Edmonton, AB.
- 47 Nadarajah, K., E. B. Burnside, and L. R. Schaeffer. 1988. Gestation length studies with Ontario Holstein data. ADSA, Edmonton, AB.
- 48 Sullivan, B. P., B. W. Kennedy, L. R. Schaeffer, and O. B. Allen. 1988. Estimation of variance components by two pseudo expectation methods for lactation traits of Canadian dairy goats. ADSA, Edmonton, AB.
- 49 Winkelman, A. and L. R. Schaeffer. 1988. Heterogeneity of variances among herds and its effect on dairy sire evaluation. ADSA, Edmonton, AB, Animal Model Workshop.

- 50 Jamrozik, J., L. R. Schaeffer, E. B. Burnside, and M. S. Hunt. 1989. Application of an animal model to conformation traits in Canadian Holsteins. EAAP, Dublin, Ireland.
- 51 Armstrong, S. L., J. W. Wilton, and L. R. Schaeffer. 1990. New developments in simultaneous across and within breed comparisons for central tested beef bulls. 4th WCGALP, Edinburgh.
- 52 Banos, G., L. R. Schaeffer, and E. B. Burnside. 1990. North American genetic evaluation of Ayrshire bulls with a linear model. 4th WCGALP, Edinburgh.
- 53 Nadarajah, K., E. B. Burnside, and L. R. Schaeffer. 1990. A linear model approach to monitor AI bulls for fertility. 4th WCGALP, Edinburgh.
- 54 Banos, G., L. R. Schaeffer, and E. B. Burnside. 1990. Correlations between North American proofs, domestic animal model proofs, and foreign converted proofs for United States and Canadian Ayrshire bulls. ADSA, Raleigh, NC.

Lawrence R. Schaeffer
At Scientific Meetings
1991-1995

- 55** Boichard, D., L. R. Schaeffer, and A. J. Lee. 1991. Approximate error variance of the Mendelian sampling effect. ADSA, Logan, Utah.
- 56** Ptak, E. and L. R. Schaeffer. 1992. Test day yields as an alternative to 305-day yields. ADSA, Columbus, Ohio.
- 57** Tierney, J. S. and L. R. Schaeffer. 1993. Using semen price as an indicator of preferential treatment in genetic evaluations from animal models. ADSA, College Park, MD.
- 58** Canavesi, F., L. R. Schaeffer, E. B. Burnside, G. B. Jansen, and P. Rozzi. 1993. Effect of including sire by herd interaction in an animal model when variances across herds are heterogeneous. ADSA, College Park, MD.
- 59** Lohuis, M. M., J. C. M. Dekkers, C. Smith, and L. R. Schaeffer. 1993. The effect of continuous evaluation of genetic response in progeny test programs. ADSA, College Park, MD, Continuous Evaluation Symposium.
- 60** Schaeffer, L. R. and W. Zhang. 1993. Multiple trait across country evaluations. INTERBULL, Aarhus, Denmark.
- 61** Khumnirdpetch, V., R. R. Hacker, and L. R. Schaeffer. 1994. Endogenous bovine somatotropin as a predictor for genetic merit in dairy sires. ADSA, St. Paul, Minn.
- 62** Reents, R., J. C. M. Dekkers, and L. R. Schaeffer. 1994. Analysis of test day somatic cell scores from dairy cows. ADSA, St. Paul, Minn.
- 63** Zhang, W. C., L. R. Schaeffer, J. C. M. Dekkers, and H. DeBoer. 1994. Pedigree indexing of young Holstein bulls based on animal model evaluations. 5th WCGALP, Guelph, ON.
- 64** Schaeffer, L. R. and B. P. Sullivan. 1994. Genetic evaluation of dairy goats using test day yields. 5th WCGALP, Guelph, ON.
- 65** Schaeffer, L. R. and J. C. M. Dekkers. 1994. Random regressions in animal models for test day production in dairy cattle. 5th WCGALP, Guelph, ON.
- 65b** Schaeffer, L.R., J. Jamrozik, A.A. Archer. 1994. Multiple trait prediction of 305-d milk, fat and protein production of dairy cows on automated milking systems. 29th Session of ICAR, July 31- August 6, 1994, Ottawa, Canada.
- 66** Reents, R., J. C. M. Dekkers, and L. R. Schaeffer. 1995. Genetic evaluation for SCC with a multiple-lactation test day model. ADSA, Ithaca, NY.

- 67** Jamrozik, J. and L. R. Schaeffer. 1995. Genetic parameters for first lactation milk, fat, and protein yields of Canadian Holsteins with random regression model. ADSA, Ithaca, NY.
- 68** Jamrozik, J., L. R. Schaeffer, and J. C. M. Dekkers. 1995. Genetic evaluation of dairy cattle using test day yields and random regression model. ADSA, Ithaca, NY.
- 69** Weigel, D. J., M. M. Lohuis, and L. R. Schaeffer. 1995. MACE for the conformation traits for six countries. INTERBULL, Prague, Czech Rep.
- 70** Reents, R., J. C. M. Dekkers, and L. R. Schaeffer. 1995. Genetic evaluation with a multiple lactation test day model for SCS and production traits. INTERBULL, Prague, Czech Rep.
- 70b** Reents, R., J. Jamrozik, L.R. Schaeffer, J.C.M. Dekkers. 1995. Genetic parameters for test-day SCS and protein yield estimated with Gibbs sampling. 46th Annual EAAP Meeting, Prague, Czech Republic, 4-7 September 1995, vol. I, 13.
- 70c** Reents, R., J. Jamrozik, L.R. Schaeffer, J.C.M. Dekkers. 1995. Estimation of genetic parameters for test day somatic cell score. 2nd European Workshop on Advanced Biometrical Methods in Animal Breeding, Salzburg, Austria, 10-12 June, 1995.
- 71** Miglior, F., G. B. Jansen, and L. R. Schaeffer. 1995. Inclusion of time-region-age-parity effect in the Canadian genetic evaluation for production traits. INTERBULL, Prague, Czech Rep.

Lawrence R. Schaeffer
At Scientific Meetings
1996-2000

- 72** Handley, J. A., J. W. Wilton, L. R. Schaeffer, I. B. Mandell, and R. A. Kemp. 1996. Ultrasound measurements for evaluating carcass merit in performance tested bulls. CSAS, Lethbridge, AB.
- 73** Handley, J. A., J. W. Wilton, L. R. Schaeffer, I. B. Mandell, and R. A. Kemp. 1996. Beef carcass trait EPD adjusted for backfat, age or weight. CSAS, Lethbridge, AB.
- 74** Jamrozik, J., L. R. Schaeffer, and J. C. M. Dekkers. 1996. Comparison of two random regression models applied to Canadian Holstein first lactation test day records. INTERBULL, Netherlands.
- 75** Schaeffer, L. R. 1996. Explanation of new de-regression procedure. INTERBULL, Verden, Germany.
- 75b** Jamrozik, J., L.R. Schaeffer, Z. Liu, G.B. Jansen. 1997. Multiple trait random regression test day model for production traits. Interbull Open Meeting, Vienna, Austria, August 28-29, 1997, Interbull Bulletin No. 16, 43-47.
- 76** Schenkel, F. S. and L. R. Schaeffer. 1998. Effects of non translation invariant selection on estimates of variance components. 6th WCGALP, Armidale.
- 77** Jamrozik, J., L. R. Schaeffer, and F. Grignola. 1998. Parameters for production traits and somatic cell score of Canadian Holsteins with multiple trait random regression model. 6th WCGALP, Armidale.
- 78** Kistemaker, G. J. and L. R. Schaeffer. 1998. Adjustment for heterogeneous herd-test-day variances. INTERBULL, Rotorua, NZ.
- 79** Jamrozik, J., G. B. Jansen, L. R. Schaeffer, and Z. Liu. 1998. Analysis of persistency of lactation calculated from a random regression test day model. INTERBULL, Rotorua, NZ.
- 80** Luo, M. F., P. J. Boettcher, J. C. M. Dekkers, and L. R. Schaeffer. 1998. Variance component estimation of calving ease and stillbirth of Canadian Holstein using Bayesian analysis. ADSA,ASAS, Denver, CO.
- 81** Muir, B. L., P. J. Boettcher, J. C. M. Dekkers, L. R. Schaeffer, B. W. McBride, and D. Petitclerc. 1998. Relationships of energy balance in early lactation with health and reproductive traits in Holstein cattle. ADSA,ASAS, Denver, CO.
- 82** Atagi, Y., G. B. Jansen, L. R. Schaeffer. 1999. Impact of Japanese imported semen evaluations on international bull evaluations. INTERBULL, Zurich, Switzerland.

Lawrence R. Schaeffer
At Scientific Meetings
2000-present

- 83** Jamrozik, J., L. R. Schaeffer, K. A. Weigel. 2001. International genetic evaluation of dairy sires and cows using first lactation test day yields. INTERBULL, Budapest, Hungary.
- 83b** Jensen, J., J. Jamrozik, L.R. Schaeffer. 2001. Modelling production in all lactations in dairy cattle using random regression test day models. 52nd Annual Meeting of the EAAP, Budapest, Hungary.
- 84** van Dorp, T. E., L. R. Schaeffer, P. J. Boettcher, D. Kelton, M. M. Shoukri. 2002. Genetic selection programs for resistance to mastitis. 7th WCGALP, Montpellier, France.
- 85** Yazdi, M. H., L. R. Schaeffer. 2002. Prediction of single locus effects using gametic models. 7th WCGALP, Montpellier, France.
- 86** McKay, L. R., L. R. Schaeffer, I. McMillan. 2002. Analysis of growth curves in rainbow trout using random regression. 7th WCGALP, Montpellier, France.
- 87** Guo, Z., L. R. Schaeffer. 2002. Random regression submodel comparison. 7th WCGALP, Montpellier, France.
- 88** Jamrozik, J., L. R. Schaeffer. 2002. Bayesian comparison of random regression models for test-day yields in dairy cattle. 7th WCGALP, Montpellier, France.
- 89** Szkotnicki, W. J., L. R. Schaeffer. 2002. Tests of random number generators. 7th WCGALP, Montpellier, France.
- 90** Jamrozik, J., L. R. Schaeffer. 2002. Canadian test day model: past, present and future. XII Animal Science Congress, Vila Real, Portugal, p. 491-499 (Invited).
- 91** Dedkova, L., J. Jamrozik, L.R. Schaeffer. 2002. Genetic parameters for test-day model with random regressions for production traits of Czech Holstein cattle. Proc. XXth Genetic Days, Brno, Czech Republic, September 12-13, 2002, 117-121.
- 92** Barret, R.A., F. Miglior, J. Jamrozik, G. Jansen, L.R. Schaeffer. 2004. Joint evaluation of Milking Shorthorn dairy cattle for production traits. Interbull Mtg., Sousse, Tunisia, 2004, Interbull Bulletin No. 32, 3-7.
- 93** Van Doormaal, B., G. Kistemaker, J. Fatehi, F. Miglior, J. Jamrozik, L.R. Schaeffer. 2004. Genetic evaluation of female fertility in Canadian dairy breeds. Interbull Mtg., Sousse, Tunisia, 2004, Interbull Bulletin No. 32, 86-89.

- 94** Jamrozik, J., J. Fatehi, G.J. Kistemaker, L.R. Schaeffer. 2006. Genetic evaluation model for female reproductive traits of Canadian dairy cattle. Proc. of 8th WCGALP, Belo Horizonte, Brazil, CD-ROM Communication no. 01-17.
- 95** Fatehi, J., J. Jamrozik, L.R. Schaeffer. 2006. Phenotypic and genetic trends in Canadian Holstein female reproductive traits. Proc. of 8th WCGALP, Belo Horizonte, Brazil, CD-ROM Communication no. 01-56.
- 96** Jamrozik, J., J. Fatehi, L.R. Schaeffer. 2007. Accuracy of methods for the genetic evaluation of survival data in dairy cattle. Interbull Mtg., Dublin, Ireland, 2007, Interbull Bulletin No. 37, 212-216.
- 97** Nixon, M., J. Bohmanova, J. Jamrozik, L.R. Schaeffer, G. Mason, J. Rodenburg, F. Miglior, K. Hand. 2008. Genetic analysis of Canadian dairy cows milked by an automatic milking system. J. Anim. Sci., 86 (E-Suppl.1)/J. Dairy Sci., 91 (E-Suppl.1) 106 (Abstract).
- 98** Bohmanova, J., F. Miglior, J. Jamrozik, L.R. Schaeffer, S. Loker. 2008. Accounting for the effect of pregnancy in the Canadian Test day Model. Interbull Mtg., Niagara Falls, USA, 2008, Interbull Bulletin No. 38: 40-43.
- 99** Szkotnicki, W. J., L. R. Schaeffer. 2010. A Web2.0 system for managing sheep records and genetic evaluations. Proc. of 9th WCGALP, Leipzig, Germany.
- 100** Glover, P., J. Fatehi, E. B. Burnside, L. R. Schaeffer. 2010. Breed of sire effect on fertility of first generation crossbred heifers. Proc. of 9th WCGALP, Leipzig, Germany.

Lawrence R. Schaeffer
At Other Meetings

- 1 Schaeffer, L. R. 1974. The use of mixed models in genetic analyses. Canadian Geneticists Workshop, Toronto.
- 2 Schaeffer, L. R. 1981. Multiple trait beef sire evaluation. Cornell University, Ithaca, NY.
- 3 Schaeffer, L. R. 1981. Dairy cow evaluation techniques by BLUP. Canadian Geneticists Workshop, McMaster University, Hamilton.
- 4 Schaeffer, L. R. 1984. International comparison of dairy sires. Conference on Progeny Testing and Sire Evaluation. Prague, Czechoslovakia.
- 5 Schaeffer, L. R. 1984. Research at the University of Guelph in Animal Breeding. Göttingen, W. Germany.
- 6 Schaeffer, L. R. 1984. Multiple trait estimation of variance components. Uppsala, Sweden.
- 7 Schaeffer, L. R. 1984. Individual animal model and multiple traits. Foulum, Denmark.
- 8 Schaeffer, L. R., J. W. Wilton, and K. Nadarajah. 1986. Within herd estimation of breeding values for direct and maternal effects on weaning weight incorporating sire solutions across herds using an animal model. Canadian Geneticists Workshop, Saskatoon.
- 9 Kennedy, B. W. and L. R. Schaeffer. 1987. Reproductive technology and genetic evaluation. International Symposium on Advances in Statistical Methods for Genetic Improvement of Livestock, Armidale, NSW, Australia.
- 10 Schaeffer, L. R. and J. W. Wilton. 1987. RAM computing strategies and multiple traits. Conference on Genetic Evaluation of Beef Cattle. Kansas City, Missouri.
- 11 Armstrong, S. L., J. W. Wilton, and L. R. Schaeffer. 1988. Weaning weight, feed intake, and economic optimization in beef production. Paris, France.
- 12 Schaeffer, L. R. 1996. Animal models - Why, When, and How to Use Them. Brazilian Society of Animal Breeders. Ribieraõ Preto, S.P., Brazil.
- 13 Schaeffer, L. R. 1999. Multiple Across Country Evaluation (MACE) of Beef Cattle. Genetic Prediction Workshop, BIF. Kansas City, Missouri, December 4, 1999.

Lawrence R. Schaeffer
Extension Talks

- 1 Schaeffer, L. R. and J. W. Wilton. 1974. Technical aspects of beef sire evaluation. Joint Beef Breeds Association Meeting. Calgary, AB.
- 2 Schaeffer, L. R. 1975. Dairy Sire Evaluation - All Day Workshop. Guelph, ON.
- 3 Schaeffer, L. R. 1976. The possible impact of artificial insemination on swine breeding in Ontario. OAC Agricultural Conference, Guelph, ON.
- 4 Schaeffer, L. R. 1976. Past and current results on selection for milk yield by Canadian dairymen. Oxford County OMAF Dairy Breeding and Selection Day, Woodstock, ON.
- 5 Schaeffer, L. R. 1977. Breeding goals and sire selection. Peterborough Holstein-Friesian Club.
- 6 Schaeffer, L. R. 1977. Cow identification problems. Seedstock Committee, Canadian Cattleman's Association, Calgary, AB.
- 7 Schaeffer, L. R. 1978. The new Holstein type evaluations. International Breeding Services, Inc., Kitchener, ON.
- 8 Schaeffer, L. R. 1978. Beef Breeding Research. Cow-calf seminar, Barrie, ON.
- 9 Schaeffer, L. R. 1978. New Breeding Research. OAC Agricultural Conference, Guelph, ON.
- 10 Schaeffer, L. R. 1980. On-The-Farm Microcomputers. OAC Agricultural Conference, Guelph, ON.
- 11 Schaeffer, L. R. 1980. Where are we going? CAAB Sire Committeemen's Conference, Ottawa, ON.
- 12 Schaeffer, L. R. 1981. On-farm Microcomputers. Guelph Dairy Symposium, Guelph, ON.
- 13 Schaeffer, L. R. 1981. Cow evaluation for production traits utilizing BLUP procedures. CAAB Annual Convention, Toronto.
- 14 Schaeffer, L. R. 1984. Breed Improvement Strategy. Ontario Brown Swiss Association, Kincardine, ON.
- 15 Schaeffer, L. R. 1986. International Comparison of Dairy Bulls. AI Sire Analysts Workshop, CAAB, Regina.

- 16 Schaeffer, L. R. 1987. Heterogeneity of herd variances. CAAB Annual Convention, Guelph, ON.
- 17 Schaeffer, L. R. 1989. Dairy Cattle Breeding Research Summary. OMMB Meeting, Guelph, ON.
- 18 Schaeffer, L. R. 1994. MACE. Dairy Sire Analysts Workshop. Guelph, ON.
- 19 Schaeffer, L. R. 1994. Automated Milking System Study Results. CMRB Meeting, Nottawasaga Inn, ON.
- 20 Schaeffer, L. R. 1994. Automated Milking System Study Results. CMRB Standards Committee, Guelph, ON.
- 21 Schaeffer, L. R. 1998. Canadian Test Day Model. CAAB 25th Annual Meeting, St. Hyacinthe, PQ.
- 22 Schaeffer, L. R. 1998. New Heritabilities for Type Traits. CAAB 25th Annual Meeting, St. Hyacinthe, PQ.
- 23 Schaeffer, L. R. 1999. Proposal for a New Dairy Industry Structure. Peterborough Holstein-Friesian Club, Bowmanville, ON.
- 24 Schaeffer, L. R. 2001. Application of Genetics to Rabbit Breeding. Ontario Rabbit Growers Association, Arthur, ON.