

STEVEN D. LUKEFAHR

Curriculum Vitae

PERSONAL

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EDUCATION

Ph.D. Degree: 1982, Oregon State University, Corvallis
Major: Animal Breeding & Genetics
Minor: Integrated (Statistics & Reproductive
Physiology)

Thesis Title: Evaluation of Rabbit Breeds and Crosses for
Overall Commercial Productivity

M.S. Degree: 1980, Oregon State University, Corvallis
Major: Animal Breeding & Genetics

Thesis Title: The Inheritance of Spermatozoan Midpiece
Length and its Relationship with Traits of
Economic Importance in Cattle

B.S. Degree: 1978, Texas A&I University, Kingsville
Major: Animal Science (Summa Cum Laude)

EMPLOYMENT

1996 to present: Professor of Animal Breeding and Genetics, Department
of Animal, Rangeland & Wildlife Sciences, Texas A&M
University-Kingsville. Research interests include

Genetics, rabbit production, and small livestock project development for lesser-developed countries. Teaching focus involves undergraduate/graduate course instruction in quantitative genetics, statistics, and international animal agriculture.

1994 to 1996: Associate Professor of Animal Breeding & Genetics
Department of Animal & Wildlife Sciences, Texas A&M University-Kingsville.

1990 to 1994: Associate Professor of Animal Breeding & Genetics
Coordinator, International Small Livestock Research Center.

1987 to 1990: Assistant Professor of Animal Breeding & Genetics and
Coordinator, International Small Livestock Research Center, Department of Food Science and Animal Industries, Alabama A&M University, Huntsville. Research projects encompassed evaluation of rabbit breeds and specialized line development for commercial production systems, estimation of genetic components using mixed-model methodologies, as well as international activities in small livestock project development. Teaching duties involved undergraduate and graduate course instruction, primarily in genetics, statistics and international animal agriculture.

1985 to 1987: Assistant Professor/Animal Science Specialist,
Department of Food Science & Animal Industries and Cooperative Extension Program, Alabama A&M University, Huntsville. Extension duties included supervision of beef cattle, goat, sheep and swine breeding and selection demonstration projects and technical assistance to program county agents. Research and teaching responsibilities were the same as described above (1987 to 1994).

1983 to 1985: Small Livestock Specialist, Heifer Project
International, Little Rock, Arkansas. Based in Cameroon, West Africa, assignment involved the design, monitoring and evaluation of rabbit and other small livestock projects (chickens, goats, guinea pigs, pigeons and sheep) for limited-resource farmer villages in Cameroon, Ghana, Sierra Leone, and

Togo. The program in Cameroon was developed in orchestration with USAID, the Institute of Animal Research (IRZ) and the Ministry of Livestock, Fisheries and Animal Industries (MINEPIA).

PROFESSIONAL SOCIETY MEMBERSHIP

American Society of Animal Science
American Branch - World Rabbit Science Association
World Rabbit Science Association

AWARDS & HONORS

- Distinguished Teacher of the Year Award, 2009 (Javelina Alumni Association, TAMUK)
- Chancellor's Teaching Excellence Award, 2009 (TAMU System)
- Senior Teaching Award, 2007 (AG College, TAMUK)
- Regent's Professor, 2004 (TAMU System)
- Annual Faculty Lecture, 2003 (TAMUK)
- Researcher of the Year Award, 2001 (Javelina Alumni Association, TAMUK)
- International Animal Agriculture Bouffalt Award, 1997 (American Society of Animal Science)
- Outstanding Researcher, 1990 (School of AG, AAMU)

TEACHING EXPERIENCE

Undergraduate: Freshman Orientation
Introduction to Animal Science
Animal Breeding & Genetics
Animal Sanitation
Biometry (Introductory Statistics)
Contemporary Issues
Feedlot Management
International Animal Agriculture
Sheep Management
Reproductive Physiology in Farm Animals

Graduate: Genetics of Wildlife Populations
International Animal Agriculture
International Food Development and Nutrition
International Small Livestock Production
Quantitative Genetics

Rabbit Production
Seminar
Statistics in Agriculture
Topics in International Animal Agriculture

INTERNATIONAL/CONSULTANCY EXPERIENCE

1. South Korea - Guest visit to the national rabbit research program in the Department of Animal Science, College of Agriculture, Seoul National University, Suweon. May 1980.
2. Canada - Guest speaker at the Alberta Association of Commercial Rabbit Producers Symposium, University of Alberta, Edmonton. February 1982.
3. Mexico - Guest visit to the regional rabbit research program and seminar presentations at the Departamento de Zootechnia, Universidad Autonoma, Chapingo. March 1983.
4. Cameroon - Two-year assignment as Small Livestock Specialist in West Africa to develop regional rabbit program, employed by Heifer Project International/Institute Recherces Zootechnique (Yaounde)/USAID. April 1983 to April 1985.
5. Togo - Request of Heifer Project International, World Lutheran Relief, and SOTOPRADER (Lome) to design and evaluate subsistence rabbit and poultry projects. December 1983.
6. Ghana - Request of Heifer Project International and Technoserve (Accra) to evaluate the ongoing status of collaborative village-level rabbit projects. December 1983.
7. Italy - Member of expert geneticist panel and paper presentation at III World Rabbit Congress in Rome sponsored by World Rabbit Science Association. April 1984.
8. Ghana - Assess progress of Afiadenyigba rabbit project at the request of Heifer Project International and Technoserve (Accra). April 1984.
9. Sierra Leone - Request of Heifer Project International and United Christian Council (Freetown) to screen livestock project requests throughout the country. March 1985.
10. Sierra Leone - Assess project progress from earlier visit at the request of Heifer Project International and United

Christian Council (Freetown). December - January 1985_86.

11. Cameroon - Request of Heifer Project International to evaluate rabbit project progress over the past year period. January 1986.

12. U.S.A. - Establishment of the International Small Livestock Research Center (ISLRC). Appointed as ISLRC Coordinator, Alabama A&M University. June 1986 to 1994.

13. Guatemala - Consultancy trip to Central America at the request of Heifer Project International to deliver guest lectures on small-scale rabbit production at the International Livestock Production and Rural Development '86 Conference, Solola. November 1986.

14. Egypt - Consultancy trip at the request of Heifer Project International and the Near East Foundation (Cairo) to recommend village-based livestock projects for funding assistance. January 1987.

15. Ghana - Survey Heifer Project International opportunities for providing program assistance to qualifying livestock project group requests. January 1987.

16. Dominican Republic - Consultancy trip at the request of Heifer Project International to deliver lectures on small-scale rabbit production at the Tropical Animal Production, Development and Leadership Caribbean Conference, Santo Domingo. July 1987.

17. U.S.A. - Paper presentation and international session chairman at I North American Rabbit Congress sponsored by U.S. Rabbit Science Association. Portland, OR. October 1987.

18. Peru - Consultancy trip at the request of Heifer Project International to evaluate ongoing rabbit and guinea pig projects, and to deliver lectures at La Molina University and at the Production of Small Animals Conference, Huacho. July 1988.

19. Hungary - Paper presentation at IV World Rabbit Congress in Budapest sponsored by World Rabbit Science Association, and visitation to commercial rabbit farms. October 1988.

20. Ghana - Initiation of USAID project "Development of a synthetic tropical rabbit breed in Ghana", Accra. October 1988.

21. Ghana - Research data collection of 90_d body weights for Alabama A&M University/USAID project "Development of a synthetic tropical rabbit breed in Ghana", Accra. August 1989.
22. U.S.A. - Chairman of II North American Rabbit Congress sponsored by U.S. Rabbit Science Association. Springfield, MO. October 1989.
23. Ghana - Conduct experimental matings of rabbit stock in control vs select genetic lines for Alabama A&M University/USAID project, Accra. August 1990.
24. Cameroon - Evaluate Heifer Project International regional rabbit program and assess market development potential. August 1990.
25. Dominican Republic - Conduct project leadership training and evaluate Heifer Project International rabbit program. May-June 1992.
26. Egypt - Training of post-doctoral fellow from the Alexandria University, involving collaborative rabbit research activities, data analysis, etc. January 1993 - June 1993.
27. Zimbabwe - Conduct project leadership training and establish rabbit breeding demonstrations. Sponsors - Winrock International and Heifer Project International. March 1993.
28. Poland - Provide evaluation and training support for a major expanded rabbit program. Sponsors - Winrock International and Heifer Project International. May-June 1993.
29. Canada - Paper presentation at 5th World Congress on Genetics Applied to Livestock Production. University of Guelph. August 1994.
30. Mexico - Visit to rabbit research programs and seminar presentation at Universidad Autonoma Chapingo and Colegio de Postgraduados (Montecillo) institutions. September 1994.
31. France - Papers presented at 6th World Rabbit Congress in Toulouse sponsored by World Rabbit Science Association (WRSA), elected as President of the American Branch-WRSA, and visited commercial rabbit farms and abattoirs. July 1996.

32. Poland - Training of post-doctoral fellow from the Agricultural University of Warsaw, involving collaborative rabbit research activities, data analysis, joint paper publication, etc. September 1996 - March 1997.
33. Mexico - Exchange visit of research counterpart from the Colegio de Postgraduados, Montecillo, involving collaborative rabbit genetics research project. October 1996.
34. Brazil - Presentation of invited lectures at 1st International Congress on Meat Rabbit Production, and initiation of collaborative rabbit research project, Sao Paulo University. November 1996.
35. Mexico - Visit to Universidad Autonoma de Tamaulipas (Centro Universitario), Office of International Programs, Ciudad Victoria. Purpose was to discuss collaborative research opportunities involving livestock genetic projects between UAT and TAMUK. March 1997.
36. Uganda - Conduct rabbit project feasibility study for Heifer Project International. July 1998.
37. Vietnam - Present lectures on rabbit production at the University of Tropical Agriculture, Ho Chi Minh City, Vietnam. August 1998.
38. Mexico - Presided and presented lectures and a paper at the Primer Congreso de Cunicultura de las Americas. Colegio de Postgraduados, Montecillo, Mexico. September 1998.
39. Cameroon - Re-evaluate Heifer Project International rabbit program and train village farmers. August 1999.
40. Italy - Invited participant at Food and Agriculture Organization of the United Nations workshop on livestock breeding strategies in Bella. September 1999.
41. Spain - Papers presented at 7th World Rabbit Congress in Valencia sponsored by World Rabbit Science Association (WRSA), elected as Vice-President of the WRSA. July 2000.
42. Cuba - Papers presented at 2nd Rabbit Congress of the Americas, sponsored by the American Branch-World Rabbit Science Association (AB-WRSA), Havana, serving as President of the AB-

WRSA. June 2002.

43. Mexico - Papers presented at 8th World Rabbit Congress in Puebla, sponsored by World Rabbit Science Association (WRSA). September 2004.

44. Hungary - Invited paper presented at 17th Annual Hungarian Conference on Rabbit Production, held at the University of Kaposvar and sponsored by World Rabbit Science Association (WRSA). May 2005.

45. Vietnam - Presented a series of invited lectures on animal breeding & genetics and statistics to animal scientists at the National Goat and Rabbit Research Center in Hatay. August 2005.

46. South Africa - Presented a series of lectures on beef cattle genetics to producers and scientist at the invitation of the Tuli Cattle Breeders Society of South Africa. May 2006.

47. Brazil - Invited paper presented at 3rd Rabbit Congress of the Americas, sponsored by the American Branch-World Rabbit Science Association (AB-WRSA), Maringa, serving as President of the WRSA. August 2006.

48. Indonesia - Invited paper presented at the 1st International Rabbit Production Conference, sponsored by the Indonesian Branch-World Rabbit Science Association (IB-WRSA), Bogor. July 2007.

49. Italy - Paper and poster presented at 9th World Rabbit Congress in Verona, sponsored by World Rabbit Science Association (WRSA), serving as President of the WRSA. June 2008.

50. Vietnam - Invited paper presented at Rabbit Workshop, sponsored by Mekarn, Can Tho City. November 2008.

51. Mexico - Invited paper on role of rabbits in poverty alleviation presented at Universidad Autonoma Tlaxcala. July 2009.

52. Haiti - Provide evaluation and training support for a major expanded rabbit program. Sponsors - Partners of the Americas/ USAID. July-August 2010.

53. Argentina - Invited paper presented at 4th Rabbit Congress of the Americas, sponsored by the American Branch-World Rabbit Science Association (AB-WRSA), Cordoba, serving as General Secretary for Developing Countries of the WRSA. September 2010.

54. China - Invited paper presented at annual rabbit conference and tour of the meat rabbit industry, sponsored by Kangda Food Company. Chongqing. Oct.-Nov. 2011.

55. Egypt - Paper and poster presented at 9th World Rabbit Congress in Verona, sponsored by World Rabbit Science Association (WRSA), served as General Secretary for Developing Countries of the WRSA. September 2012.

56. Mexico - Invited paper presented at 5th Rabbit Conference of the Americas, Toluca, Mexico, sponsored by American Branch of the World Rabbit Science Association (AB-WRSA), as former president of AB-WRSA and WRSA and as present General Secretary for Developing Countries of the WRSA. September 2014.

57. China - Posters presented at 10th World Rabbit Congress in Qingdao, sponsored by World Rabbit Science Association (WRSA), served as General Secretary for Developing Countries of the WRSA. June 2016.

58. Nepal - On-site visit to monitor progress of rabbit project in vicinity of Kathmandu, sponsored by Rotary International. November 2017.

PAPERS PRESENTED AND ABSTRACTS

1. Advanced methods for intensive rabbit production operations. S.D. Lukefahr, and D.D. Caveny. Paper presented at the 1st Annual Rabbit Research Center Symposium, Oregon State University, Corvallis. November 1979.

2. Evaluation of rabbit breeds and crosses. S.D. Lukefahr. Paper presented at the 2nd Annual Rabbit Research Center Symposium, Oregon State University, Corvallis. November 1980.

3. Milk production and litter growth traits in straightbred and crossbred rabbits. S.D. Lukefahr, W.D. Hohenboken, P.R. Cheeke, and N.M. Patton. (Student Competition Award - 3rd Place). Paper presented at Western Section Meetings of the

American Society of Animal Science, Vancouver, British Columbia.
June 1981.

4. Computer applications in the rabbit industry. S.D. Lukefahr. Paper presented at the 3rd Annual Rabbit Research Center Symposium, Oregon State University, Corvallis. November 1981.

5. Management of small and commercial rabbitries. S.D. Lukefahr. Paper presented at the Alberta Association of Commercial Rabbit Producers Symposium, University of Alberta, Edmonton. February 1982.

6. Coat color genetics of rabbits. S.D. Lukefahr. Paper presented at the 4th Annual Rabbit Research Center Symposium, Seattle, Washington. November 1982.

7. Genetic component estimations and dietary influence for and on milk production and associative characters in rabbit breeds and specific crossbreeds. S.D. Lukefahr, W.D. Hohenboken, P.R. Cheeke, and N.M. Patton. Paper presented at the III World Rabbit Congress. Rome, Italy. April 1984.

8. The role of livestock in the development of Africa. S.D. Lukefahr. Paper presented at Africa: '86 and Beyond conference sponsored by Heifer Project International and Winrock International. Washington, D.C. June 1985.

9. Genetic selection for herd improvement in rabbits. S.D. Lukefahr. Paper presented at the 1st Annual Rabbit Education Day. Southern University, Baton Rouge. April 1985.

10. Small livestock production in international development. S.D. Lukefahr. Paper presented at the International Center for Aquaculture, Auburn University. April 1986.

11. Rabbit genetics research. S.D. Lukefahr. Paper presented at the 1986 Ozark Rabbit Conference sponsored by Pel-Freez, University of Arkansas, Fayetteville. April 1986.

12. Small_scale rabbit farming. S.D. Lukefahr. Lectures presented at the 1st Annual Short Course on International Small Livestock Production, International Small Livestock Research Center, Alabama A&M University, Normal. June 1986.

13. Key components for a successful development project. S.D. Lukefahr. Paper presented at the Agriculture Development Management Training Course, Tennessee Valley Authority, Muscle Shoals. June 1986.
14. Genetic, maternal and seasonal factors affecting 56-day market weights in rabbits. S.D. Lukefahr, P.R. Cheeke, N.M. Patton, and M.A. Grobner. Paper presented at Annual Meetings of the American Society of Animal Science, Kansas State University, Manhattan. July-August 1986. (J. Anim. Sci. 63 (Suppl. 1):195 (Abstr.).)
15. Small livestock and aquacultural integration. S.D. Lukefahr. Paper presented at the Water Harvesting in Ponds and Integrated Aquaculture/Agriculture for Village Development Short Course, International Center for Aquaculture, Auburn University. August 1986.
16. Rabbits and other small species. S.D. Lukefahr. Paper presented at the HPI Guatemala Livestock Production and Rural Development Conference '86. Solola, Guatemala. Heifer Project International. November 1986.
17. Appropriate breeding strategies for genetic improvement of livestock production in developing countries. S.D. Lukefahr. Paper presented at the 4th Annual Institute on Livestock in Development, International Learning & Livestock Center. Perryville, Arkansas. Heifer Project International. May 1987.
18. Small-scale rabbit farming. S.D. Lukefahr. Lectures presented at the 2nd Annual Short Course on International Small Livestock Production, International Small Livestock Research Center, Alabama A&M University, Normal. June 1987.
19. Rabbit production and health. S.D. Lukefahr. Paper presented at the Tropical Animal Production, Development and Leadership Caribbean Conference. Santiago, Dominican Republic. Heifer Project International. July 1987.
20. Training techniques applied to introducing rabbit projects in developing countries. S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Utah State University, Logan. July 1987. (J. Anim. Sci. 65 (Suppl. 1):508-509 (Abstr.).)

21. Applied methods of rabbit culture integration into traditional farming systems. S.D. Lukefahr. Paper presented at Workshop on Farming Systems Research for Limited Resource Farms, Alabama A&M University, Normal. August 1987.

22. Progressive genetic applications for improved commercial production efficiency in the rabbit industry. S.D. Lukefahr. Paper presented at I North American Rabbit Congress, Portland, Oregon. October 1987.

23. ISLRC's rabbit research activities in international development. S.D. Lukefahr. Paper presented at Food and Nutrition Issues for the 90's conference jointly sponsored by Alabama A&M University, Auburn University and Tuskegee University. Auburn University. November 1987.

24. Small_scale rabbit farming. S.D. Lukefahr. Lectures presented at the 3rd Annual Short Course on International Small Livestock Production, International Small Livestock Research Center, Alabama A&M University, Normal. June 1988.

25. Genetics of the commercial meat rabbit. S.D. Lukefahr. Invited paper presented at Annual Meetings of the American Society of Animal Science, Rutgers University, New Brunswick. July 1988.

26. Postweaning growth, carcass and lean yield trait relationships in rabbits. Lukefahr, S.D., C.V. Nwosu, D.R. Rao, and C.B. Chawan. Paper presented at Annual Meetings of the American Society of Animal Science, Rutgers University, New Brunswick. July 1988. (J. Anim. Sci. 66 (Suppl. 1):312-313 (Abstr.).)

27. Integrated management of rabbits: Family and community production. S.D. Lukefahr. Paper presented at the Production of Small Animals Conference. Haicho, Peru. Heifer Project International. July 1988.

28. Conservation of global rabbit germplasm resources. S.D. Lukefahr. Paper presented at IV World Rabbit Congress. Budapest, Hungary. October 1988.

29. Multiple regression analysis of market weight characters in rabbits. Lukefahr, S.D., P.R. Cheeke, and N.M. Patton. Paper presented at Annual Meetings of the American Society of Animal

Science, Southern Section, Nashville. February 1989. (J. Anim. Sci. 67(Suppl. 2):14-15 (Abstr.).)

30. Coat color genetics/Selection strategies for increased meat production. S.D. Lukefahr. Invited presentations at annual MSU Rabbit Program, Michigan State University, East Lansing. March 1989.

31. Evaluation of purebred and crossbred rabbit fryers for carcass performance traits. Ozimba, C.E., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Lexington, KY. August 1989. (J. Anim. Sci. 67 (Suppl. 1):93 (Abstr.).)

32. Regression models to predict carcass merit based on live body measurements in commercial meat rabbits. Lukefahr, S.D., and C.E. Ozimba. Paper presented at Annual Meetings of the American Society of Animal Science, Lexington, KY. August 1989. (J. Anim. Sci. 67 (Suppl. 1):165-166 (Abstr.).)

33. Rabbit research. S.D. Lukefahr. Co_Chairman of Rabbit Session at Annual Meetings of the American Society of Animal Science, Lexington, KY. August 1989.

34. Breeding strategies for developing countries/Rabbit production/Alternative small livestock. S.D. Lukefahr. Lectures presented at 4th Annual Short Course on International Small Livestock Production, International Small Livestock Research Center, Alabama A&M University, Normal. August 1989.

35. Rabbit production in Ghana: The National Rabbit Project experience. Opoku, E.M., and S.D. Lukefahr. Paper presented at II North American Rabbit Congress, Springfield, MO. USRSA. October 27-29, 1989.

36. Evaluation of purebred and crossbred rabbits for carcass merit. Ozimba, C.E., and S.D. Lukefahr. Paper presented at II North American Rabbit Congress, Springfield, MO. USRSA. October 27-29, 1989.

37. Genetics of rabbit fryer production/Coat color genetics. S.D. Lukefahr. Papers presented at the 6th Annual Rabbit Education Day. Southern University, Baton Rouge. April 1990.

38. Subsistence rabbit production systems. S.D. Lukefahr. Paper presented at 7th Annual Institute on Livestock in Development, International Learning & Livestock Center.

Perryville, Arkansas. Heifer Project International. May 1990.

39. Postweaning litter trait comparisons of four sire breed groups of rabbit. Roberts, J.D., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Ames, IA. August 1990. (J. Anim. Sci. 68 (Suppl. 1):236 (Abstr.).)

40. Carcass trait comparisons of four sire breed groups of rabbit. Roberts, J.D., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Ames, IA. August 1990. (J. Anim. Sci. 68 (Suppl. 1):237 (Abstr.).)

41. Factors influencing litter performance traits of meat rabbit production in Ghana, West Africa. Atakora, J.K.A., S.D. Lukefahr, and E.M. Opoku. Paper presented at Annual Meetings of the American Society of Animal Science, Ames, IA. August 1990. (J. Anim. Sci. 68 (Suppl. 1):320-321 (Abstr.).)

42. Feedlot pen performances of rabbit fryers. Hamilton, H.H., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Ames, IA. August 1990. (J. Anim. Sci. 68 (Suppl. 1):498-499 (Abstr.).)

43. Nutritional properties of rabbit meat: Implications for marketing strategies. S.D. Lukefahr. Invited paper. Paper presented at Annual Meetings of the American Society of Animal Science (Rabbit Session), Ames, IA. August 1990.

44. Postweaning growth characteristics of four breeds of rabbit in Louisiana. J.I. McNitt, and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Southern Section, Fort Worth. February 1991. (J. Anim. Sci. 69 (Suppl. 1): 8-9 (Abstr.).)

45. Doe breed_type differences and repeatability estimates for maternal nest quality and early production traits in rabbits. Hamilton, H.H., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Laramie, WY. August 1991. (J. Anim. Sci. 69 (Suppl. 1):195 (Abstr.).)

46. Effects of doe breed_type, month and parity on maternal nest quality and their relationships with early litter traits in rabbits. Hamilton, H.H., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science,

Laramie, WY. August 1991. (J. Anim Sci. 69 (Suppl. 1): 481 (Abstr.).)

47. Effects of month of birth, temperature, breed and gender on growth performance of four breeds of rabbits in Louisiana. McNitt, J.I., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Laramie, WY. August 1991. (J. Anim. Sci. 69 (Suppl. 1): 481 (Abstr.).)

48. Fatty acid composition of New Zealand White rabbit lean tissue: Total lipids and phospholipids. Akoh, C.C., C.V. Nwosu, S.D. Lukefahr, and D.R. Rao. Paper presented at Annual Meetings of the Southern Section of Institute of Food Technologists, Lexington, KY. February 1992. IFT (Vol. 29:8 (Abstr.).)

49. Animal models for quantitative genetic analysis in rabbit breeding programs. S.D. Lukefahr. Invited paper presented at V World Rabbit Congress. Oregon State University, Corvallis. July 25-30, 1992.

50. Utilization of crop residues as feed for small ruminants in Niger. A. Felix, and S.D. Lukefahr. Paper presented at Ninth Biennial Symposium of Association of Research Directors, 1890 Land-Grant Institutions, Atlanta, GA. October 1992.

51. Estimates of components of variance and covariance for carcass traits in rabbits using an animal model. S.D. Lukefahr, L.D. Van Vleck, and J.D. Roberts. Paper presented at Annual Meetings of the American Society of Animal Science, Southern Section, Tulsa, OK. February 1993. (J. Anim. Sci. 71 (Suppl. 1):4 (Abstr.).)

52. Global rabbit production for subsistence agricultural systems. S.D. Lukefahr. Invited paper presented at Agricultural Research Academy, Warsaw, Poland. June 1993.

53. Genetic and environmental parameter estimation following mass selection for 70-day body weight in rabbits using an animal model. Lukefahr, S.D., H.B. Odi, and J.K.A. Atakora. Paper presented at Proc. 5th World Congress on Genetics Applied to Livestock Production. University of Guelph. August 7-12, 1994.

54. Estimation of genetic trend for growth and carcass characteristics in rabbits using an animal model. S.D.

Lukefahr. Paper presented at the Colegio de Postgraduados, Montecillo, Mexico. September 1994.

55. Genetic analysis of antler characteristics in white-tailed deer using an animal model. Lukefahr, S.D., and H.A. Jacobson. Proc. 18th Annual Meeting of the Southeast Deer Study Group. February 1995.

56. Long-term antler size trends in a free-ranging south Texas white-tailed deer population. DeYoung, C.A., and S. Lukefahr. Proc. 18th Annual Meeting of the Southeast Deer Study Group. February 1995.

57. Long-term genetic implications of buck harvest strategies. Lukefahr, S.D., C.A. DeYoung, and F.S. Guthery. Proc. 30th Annual Meeting Texas Chapter of The Wildlife Society. February 1995.

58. Evaluation of Boer x Spanish goats for performance traits in kids. Lukefahr, S.D., and D. Lopez. Proc. Annual Summer Conference of the American Meat Goat Association. June 1995.

59. Estimation of genetic and environmental parameters for growth traits in rabbits. McNitt, J.I., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Orlando, FL. August 1995. (J. Anim. Sci. 73(Suppl. 1):118 (Abstr.).)

60. Rabbit project design, implementation and present status in rural voivodeships in Poland. Lukefahr, S.D., and H. Jasoirowski. Paper presented at Annual Meetings of the American Society of Animal Science, Orlando, FL. August 1995. (J. Anim. Sci. 73(Suppl. 1):153 (Abstr.).)

61. Artificial milk feeding of commercial rabbit kits. Ferguson, F.A., and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Southern Section, Greensboro, NC. February 1996. (J. Anim. Sci. 74 (Suppl. 2):8 (Abstr.).)

62. Breed type comparisons for postweaning litter traits in rabbits. Khan, M.A., and S.D. Lukefahr. Paper presented at 6th World Rabbit Congress. Toulouse, France. July 1996.

63. Genetic and environmental parameters for postweaning growth

traits of rabbits using an animal model. McNitt, J.I., and S.D. Lukefahr. Paper presented at 6th World Rabbit Congress. Toulouse, France. July 1996.

64. Heritability of milk production and 21-day litter weight and litter size in purebred and crossbred rabbits using an animal model. Lukefahr, S.D., P.R. Cheeke, and N.M. Patton. Paper presented at 6th World Rabbit Congress. Toulouse, France. July 1996.

65. Cactus (*Opuntia stricta*) and mesquite (*Prosopis glandulosa* var. *glandulosa*) as forage resources for growing rabbits in semi-arid, subtropical south Texas. Ruiz-Feria, C.A., S.D. Lukefahr, M.A. Pro, P.C. Becerril, and P. Felker. Paper presented at 6th World Rabbit Congress. Toulouse, France. July 1996.

66. Evaluation of lablab (*Dolichos lablab*) and cactus (*Opuntia stricta*) as forage resources, and the effect of fur clipping on rabbit growth under subtropical conditions. C.A. Ruiz-Feria, and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Nashville, TN. July 1997. (J. Anim. Sci. 75(Suppl. 1):142 (Abstr.).)

67. Evaluation of leucaena (*Leucaena leucocephala*) and cactus (*Opuntia stricta*) as forage resources for growing rabbits under subtropical conditions. C.A. Ruiz-Feria, and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Nashville, TN. July 1997. (J. Anim. Sci. 75(Suppl. 1):142 (Abstr.).)

68. Variance component estimates for weekly body weights in New Zealand White commercial rabbits. J.I. McNitt, and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Nashville, TN. July 1997. (J. Anim. Sci. 75(Suppl. 1):144 (Abstr.).)

69. Genetics research on captive white-tailed deer at Mississippi State University. H.A. Jacobson, and S.D. Lukefahr. Paper presented at "The Role of Genetics in White-tailed Deer Management" symposium, Texas A&M University, College Station. January 1998.

70. Experiences in teaching international animal agriculture: Background, course design, and student response. S.D. Lukefahr.

Invited paper presented at Annual Meetings of the American Society of Animal Science, Denver. July 1998. (J. Anim. Sci. 76(Suppl. 1):139 (Abstr.).)

71. Rabbit production in developing countries. S.D. Lukefahr. Paper presented at the University of Tropical Agriculture, Ho Chi Minh City, Vietnam. August 1998.

72. Small-scale rabbit meat production: Back to basics? (In Spanish). S.D. Lukefahr. Paper presented at the Primer Congreso de Cunicultura de las Americas. Colegio de Postgraduados, Montecillo, Mexico. September 1998.

73. Genetics of the commercial meat rabbit: Present research and future challenges. S.D. Lukefahr. Paper presented at the 48th National Breeders Roundtable Conference. Sponsored by Poultry Breeders of America and U.S. Poultry & Egg Association. St. Louis, MO. May 1999.

74. Crossbreeding parameter estimates for growth and litter traits in commercial rabbits. M.F. Medellin and S.D. Lukefahr. Paper presented at Annual Meetings of the American Society of Animal Science, Indianapolis. July 1999. (J. Anim. Sci. 77(Suppl. 1):132-133 (Abstr.).)

75. Longevity and cumulative litter productivity in Straightbred and crossbred Californian and New Zealand White does. Lukefahr, S.D., and H.H. Hamilton. 2000. Paper presented at 7th World Rabbit Congress. Valencia, Spain. July 2000.

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