

521—1.1(267) Recommendation for fiscal year 1999-2000. The livestock health advisory council recommends that this appropriation for fiscal year 1999-2000 be applied in the following manner.

ILHAC Projects Approved for 1999-2000

1. The role of immediate hypersensitivity in Haemophilus somnus-induced bovine respiratory disease	\$20,000
2. Investigation into the prevalence of H3N2 swine influenza virus infections in U.S. swine	\$20,000
3. Specific effect of PrP scrapie on types of brain cells	\$15,000
4. Gene discovery in veterinary mycoplasmal pathogens	\$20,000
5. Antigenic characterization of PRRS virus isolates associated with acute PRRS and vaccination failure	\$20,000
6. Prevention and control of turkey rhinotracheitis (TRT): development of an inactivated vaccine	\$18,000
7. Efficacy of a vaccine in control of Johne's disease in cattle	\$17,940
8. Potential effects of epizootic hemorrhagic disease on Iowa cattle	\$12,500
9. Treatment and prevention of cryptosporidiosis of calves: screening of potential anti-cryptosporidial compounds in mice and calves	\$20,000
10. Development of immunoprophylaxis for the prevention and control of bovine papillomatous digital dermatitis (hairy heel wart)	\$19,500
11. Are granulocyte adapted Salmonella vaccines host species specific?	\$15,920
12. Impact of sulfate, dissolved solids, iron, and other drinking water quality parameters to on-farm performance and health of dairy cattle in Iowa: implications for dairy industry	\$10,000
13. Assessing the role of porcine circovirus I postweaning multisystemic wasting syndrome (PMWS) using a case-control study	\$18,000
14. Bacteriological and serological survey of commercial chicken laying hens flocks for Ornithobacterium rhinotracheale	\$7,000
15. Mycoplasma hyopneumoniae: comparison of immunological responses to vaccination and/or challenge in pigs with or without maternal antibodies	\$18,000
16. Transformation of Mycoplasma bovis as an aid in identification of virulence factors	\$15,000
<u>Contingency Funds</u>	<u>\$10,713</u>
<u>Total</u>	<u>\$277,573</u>