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