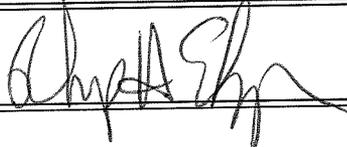


U.S. Department of Agriculture Work Unit Description AD-416 U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions				Date (Month/Day/Year) 07/11/2012
1. Accession No.	Agency Identifiers		5. Work Unit/Project No.	6. Status
	2. NIFA	3. LA.B	LAB94155	A = New Project
7. Title An integrated approach to control of bovine respiratory diseases (NC-1027)				
8. Performing Organization 0331 - 2010 School of Animal Science Agricultural Experiment Sta, Louisiana State Univ			9. Cooperating Departments within State Performing Institution	
10. Multistate Project No. NC1192			11. Cooperating States	
12. Investigator Name(s) Last Name and Initials				<small>Sent via BITNET/INTERNET Electronic mail systems</small> Date: <u>7/16/12</u>
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14. Project Type Hatch/Multistate	15. Contract/Grant/Agreement No.	16. Amount	17. FY	
18. Award Date (Month/Day/Year)	19. Start Date (Month/Day/Year)	20. Termination Date (Month/Day/Year)		
	10/01/2011	09/30/2016		
Goals/Objectives/Expected Outputs				
<p>OBJECTIVES: 5. To promote open scientific exchange and dialogue among scientists, veterinarians, allied industry professionals and cattlemen to advance BRD research initiatives. EXPECTED OUTPUTS: Incorporate research based information on BRD into educational materials for cattle producers and veterinarians. 6. To facilitate translation of research findings to practical field application by developing and integrating BRD educational programming for national veterinary and producer organizations focused on cattle health and management. EXPECTED OUTPUTS: Collaboration in organization of national meetings and other educational materials.</p>				
Methods				
<p>Collaborate with researchers to keep abreast of latest research to be incorporated in educational materials. Educational materials will consist of web-based fact sheets, producer and veterinary meeting presentations, and veterinary and producer newsletters and eXtension. Collaborate with other NC1192 participants in organizing educationa programs for the American Association of Bovine Practitioners, Academy of Veterinary Consultants and other national symposia related to BRD. Producers and veterinarias will adopt more preventive measures resulting in a decrease in the incidence of BRD and the need for thearapeutics, including antimicrobials. Health and production data from the Louisiana Calf to Carcass Program will be tracked.</p>				
23. Non-Technical Summary				
<p>Respiratory disease impacts the health, productivity and welfare of cattle more than any other disease. Cattle are prey species that try to hide disease, making it very difficult to recognize conditions such as BRD in a timely manner. Even when BRD is recognized early, treatment can be expensive and a complete return to health and productivity may not be possible. Therefore preventive measures are essential. To properly prevent this disease, knowledge of all of the factors involved in the pathophysiology must be elucidated including genetics, nutrition, environmental factors, pathogens involved, immune system response and influence through vaccines, etc. Translating research on the pathophysiology of BRD into practical solutions that are delivered to cattle producers and veterinarians will decrease the prevalence of this disease. Ultimately this will lead to increased productivity and better welfare of cattle and increased sustainability of the beef and dairy cattle industries.</p>				
24. Keywords				



bovine respiratory disease; disease prevention; producer education; veterinary education

**** The Original signed document is on file at this institution. ****

Signature	Title	Date
Dept: Admin: 	Associate Director	