

Ag Econ

U.S. Department of Agriculture <b>Accomplishments Report AD-421</b> U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions			Date (Month, Day, Year) <b>03/22/2012</b>
1. Accession <b>0208530</b>	Agency Identification No. 2. CSREES 3. L.A.B	5. Work Unit/Project No. <b>LAB93821</b>	6. Status <b>Annual Report</b>
7. Title <b>Economic Analysis of Consumer Preferences for Food Nutrition, Health and Exercise</b>			
12. Investigator Name(s) (Last Name and Initials) <b>Harrison, R. W.</b>			
20. Termination Date <b>09/30/2012</b>		40. Period Covered (mo/da/year): <b>01/01/2011 TO 12/31/2011</b>	
Outputs: <b>The research resulted in one refereed journal and one book chapter.</b>			
Outcomes/Impacts: <b>Willingness-to-pay estimates indicated that grow-out producers would pay 22% more relative to the current price of fingerlings to acquire a fish stock with a 20% increase in growth. Disease resistance and tolerance of low oxygen levels were not significant in the model. Grow-out producers in the United States were more likely to adopt fish stocks with improved growth rates rather than those with disease resistance, or tolerance for low oxygen levels. The channel catfish and tilapia industries were more likely to adopt genetically improved fish stocks relative to other species. Future research that focuses on improved growth rates for these species are more likely to be adopted by United States aquaculture industries.</b>			
Publications: <b>Boever, B. P., R. W. Harrison and T. R. Tiersch. 2011. Willingness-to-Pay for Specific Genetic Improvements for Aquaculture Species. In: Cryopreservation in Aquatic Species, 2nd Edition. T. R. Tiersch and C. C. Green, editors. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 917-930.</b> <b>Harrison, R.W. 2011. The Scientific Pluralism of Agribusiness: A Special Issue on Theory and Practice. International Food and Agribusiness Management Review Vol. 14, No. 5.</b>			
Participants: <b>R.W. Harrison (PI), LSU AgCenter.</b>			
Target Audiences: <b>Agriculture industries</b>			
Project Modifications: <b>Nothing significant to report during this reporting period.</b>			
Approved (Signature)		Title	Date
			