

Program in Economic Sciences

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Program in Economic Sciences

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
601	Economics of Agricultural Production and Farm Management			5%	
602	Business Management, Finance, and Taxation			10%	
603	Market Economics			20%	
604	Marketing and Distribution Practices			5%	
605	Natural Resource and Environmental Economics			15%	
606	International Trade and Development			5%	
607	Consumer Economics			10%	
609	Economic Theory and Methods			10%	
610	Domestic Policy Analysis			10%	
901	Program and Project Design, and Statistics			10%	
	Total			100%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	0.0	22.7	0.0
Actual	0.0	0.0	31.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	377788	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	1019236	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	1757062	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The expected research outputs will occur in a number of forms. High quality refereed journal articles is one prominent form, which will validate the scientific merit of the research performed and will stand as long term contributions to the inventory of knowledge in the respective areas of inquiry. A number of peer-reviewed and other research bulletins, research reports, and both peer-reviewed and invited presentations disseminating the results of research are expected to be delivered to appropriate clientele by faculty analysts themselves. In addition to outreach efforts by research faculty, which is an expectation of all faculty in the School of Economic Sciences, research results will be translated into an outreach and engagement effort through collaboration with extension faculty, and timely and relevant deliverables in this regard will include extension bulletins, workshops, downloadable data, tables, and reports, and other outreach and engagement activities with appropriate clientele. Knowledge disseminated through the aforementioned mechanisms to appropriate decisions makers in various segments of the agricultural sector, government, and in general society is expected to generate an appropriately informed decision environment and sufficient insights into the economic and societal consequences of decisions so that actual decisions made will enhance the sustainability of the agricultural sector, balance the need for uses and preservation of natural resources, and further good stewardship of the environment.

2. Brief description of the target audience

The target audience for professional output of the School of Economic Sciences includes decision makers in various segments of the agricultural sector, government policy makers, and the general society. The School,s work will also influence economists in academia nationally and internationally.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	0	0	0	0
2007	658	1242	0	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year	Target
Plan:	0
2007:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	4	49	53

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Peer reviewed journal articles

Year	Target	Actual
2007	25	49

Output #2

Output Measure

Graduate students supported by experiment station and grant funds

Year	Target	Actual
2007	45	32

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number and Quality/reputation of refereed journal publications (mid-tier economics journals and above
2	Number and quality of other research bulletins, reports and presentations at major conferences
3	Degree of contribution of fundamental knowledge within the fields researched (percent increase)
4	Number and value of external grants in support of the research program (units are dollars)
5	Contribution to improved/new research methods/tools (percent of output)
6	Relevant knowledge generated for use by policy and decision makers (percent of output)
7	Number of graduate students trained and placed in the job market
8	Degree to which overall research funding is increased (percent)
9	Number of additional institutionally funded and externally funded GRAs that are studying and researching in the School

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Economy

Public Policy changes

Government Regulations

Competing Public priorities

Competing Programmatic Challenges

Brief Explanation

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Evaluation Results

Prior to the start of any program, each Hatch project proposal that is submitted to the Director of the School is first subjected to a peer review by a minimum of two other PhD economists in or outside of the SES, the objective being to evaluate the relevance of the proposed problems or issues to be researched by the project, to evaluate the command of the problem context and the relevant literature by the proposer, to check the appropriateness of the proposed research methodology to be used in addressing the problems or issues stated, and finally, to verify the adequacy of the stated outcomes of the research relative to the goals stated in the proposal. During the time when the program is active, the progress of each faculty member with a Hatch project is reviewed annually by the Director of the School, followed by the Dean and Directors of the College of Agricultural, Human and Natural Resource Sciences. Measures of progress on Hatch projects include the number of refereed journal articles produced, the quality of refereed journal articles produced, the quantity and quality of other peer and non-peer reviewed research bulletins, reports and presentations generated, the level of extramural funding received from external sources in support of the research program, and the number of masters and doctoral students completing their degrees that have theses or dissertations that in part, or in whole, contribute research addressing the goals set forth in the Hatch project proposal. Also considered is the degree to which program research results have been disseminated effectively to clientele through outreach and engagement efforts, the latter often in collaboration with Extension faculty. At the completion of the project term, the Director evaluates the final termination report of the Hatch project provided by the faculty member for the degree of success achieved in meeting the original stated goals and objectives of the Hatch project, and interacts with the faculty member regarding this progress as appropriate. To the extent that the project was externally funded, the degree to which the funding institution, agency or commission expresses satisfaction with the usefulness and completeness of the research outcomes for addressing the problems or issues of concern is another dimension of the post-project evaluation of research projects.

Key Items of Evaluation