PROJECT SUMMARY

Instructions:
The summary is limited to 250 words. The names and affiliated organizations of all Project Directors/Principal Investigators (PD/PI) should be listed in addition to the title of the project. The summary should be a self-contained, specific description of the activity to be undertaken and should focus on: overall project goal(s) and supporting objectives; plans to accomplish project goal(s); and relevance of the project to the goals of the program. The importance of a concise, informative Project Summary cannot be overemphasized.

Title: Socioeconomic Impacts Of Wood-Based Biofuels Development Strategies On Northern Rocky Mountain Communities In The Northwest

PD: Saul, Darin, A	**Institution:** University Of Idaho
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CO-PD: PD/PI 7 Name (Last, First, MI)	**Institution:**

The goal for this project is to determine the optimal system or mix of systems for integrating Northern Rocky Mountain woody biomass feedstocks into a planned regional liquid biofuel production system in the Northwest in the context of existing biomass uses and resources, and community needs. Specific objectives and activities are to

1. utilize discreet event simulation and mathematical modeling techniques to develop effective system pathways of each technology from source to point of sale, determine boundaries where benefits and impacts move outside of the study area, and assess the number of jobs created and other benefits.
2. model the overall viability and profitability of bioenergy strategies for woody biomass from community, state and regional perspectives.
3. utilize county and state input/output methodologies to evaluate the economic impacts and contributions of each technology, including backward economic linkages and the appropriateness of each strategy.
4. interview local and state elected officials, economic development professionals, industry, and other key stakeholders about knowledge and perceptions of benefits, obstacles and tradeoffs of different bioenergy development scenarios
5. engage an advisory board in guiding the project and helping interpret project results.

The completion of this project will provide a model for understanding bioenergy development from community, county, state and regional perspectives. This information will enable the development of a regional liquid biofuels industry with maximum benefits and minimum tradeoffs from community, state and regional perspectives.

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